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* SCHLUMBERGER *

HIGH RESOLUTION

DIPMETER

CLUSTER LISTING

QUINTANA PETRO.

TURNER

MARION, OREGON

GATH #1

RUN NO. ONE JOB NO. 5611

CLUSTER RESULTS ONLY

4 FT. CORR. - 2 FT. STEP

70 DEG. X1 SEARCH ANGLE

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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*          *      AZI. *      AZI.   1-3   2-4 * =A *
*****
*
* 832.0    5.4    53      0.6    36      8.8    8.6    A *
* 834.0    3.8    28      0.6    32      8.8    8.6    A *
* 836.0    1.8    29      0.7    31      8.8    8.6    C *
* 838.0    2.8    288     0.6    34      8.7    8.6    C *
* 840.0    2.4    345     0.6    38      8.5    8.6    A *
* 842.0    4.0    10      0.5    37      8.5    8.6    A *
* 844.0    5.8    97      0.5    34      8.4    8.6    A *
* 846.0    7.7    114     0.5    35      8.4    8.6    A *
* 848.0    3.9    104     0.5    37      8.4    8.5    A *
* 850.0
* 852.0    2.1    349     0.5    37      8.4    8.4    A *
* 854.0    1.8    102     0.5    37      8.5    8.4    A *
* 856.0    1.7    106     0.5    37      8.4    8.6    A *
* 858.0    2.4    54      0.5    36     8.4    8.8    C *
* 860.0    0.3    98      0.5    34      8.4    8.6    A *
* 862.0    1.3    104     0.5    33      8.4    8.4    A *
* 864.0    2.2    315     0.5    31      8.5    8.4    A *
* 866.0    3.4    300     0.5    30      8.6    8.4    A *
* 868.0    2.7    297     0.4    33      8.6    8.4    B *
* 870.0    5.1    276     0.4    36      8.4    8.4    B *
* 872.0    9.4    257     0.4    42      8.3    8.2    B *
* 874.0    7.8    237     0.4    48      8.2    8.2    B *
* 876.0
* 878.0
* 880.0
* 882.0
* 884.0
* 886.0
* 888.0
* 890.0    16.8    164     0.4    47      8.2    8.6    D *
* 892.0
* 894.0
* 896.0    10.3    154     0.4    45      8.2    8.8    B *
* 898.0    9.4    175     0.4    44      8.3    8.8    B *
* 900.0
* 902.0
* 904.0
* 906.0
* 908.0
* 910.0
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*          *   FORMATION          *           BOREHOLE           *   QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*   INDEX *
*  DEPTH  *   DIP    DIP    *   DEV.    DEV.    DIAM    DIAM  *   BEST  *
*          *         AZI.  *         AZI.    1-3    2-4  *   =A   *
*****
*
*  912.0          0.6    51    8.6    8.2          *
*  914.0          0.6    52    8.6    8.2          *
*  916.0          0.6    47    8.5    8.2          *
*  918.0          0.6    44    8.5    8.1          *
*  920.0          0.6    45    8.5    8.1          *
*  922.0          0.6    45    8.5    8.1          *
*  924.0    15.4    148    0.6    42    8.3    8.2    B          *
*  926.0    16.2    135    0.6    40    8.2    8.3    B          *
*  928.0          0.7    40    8.2    8.4          *
*  930.0          0.7    39    8.2    8.4          *
*  932.0    25.1    127    0.7    41    8.2    8.4    B          *
*  934.0    30.1    108    0.6    43    8.2    8.4    D          *
*  936.0          0.6    40    8.2    8.5          *
*  938.0          0.6    41    8.2    8.5          *
*  940.0          0.6    41    8.4    8.3          *
*  942.0          0.6    40    8.5    8.0          *
*  944.0          0.6    38    8.3    8.0          *
*  946.0          0.6    37    8.3    8.1          *
*  948.0          0.6    40    8.4    8.1          *
*  950.0    67.4    248    0.5    43    8.5    8.1    D          *
*  952.0          0.5    44    8.3    8.3          *
*  954.0          0.5    45    8.1    8.5          *
*  956.0          0.5    42    8.1    8.5          *
*  958.0          0.5    43    8.0    8.4          *
*  960.0          0.5    43    8.0    8.4          *
*  962.0          0.5    45    8.1    8.4          *
*  964.0    68.2    254    0.5    49    8.0    8.4    D          *
*  966.0    72.2    248    0.4    49    8.0    8.4    B          *
*  968.0          0.4    54    8.0    8.4          *
*  970.0          0.4    58    8.0    8.6          *
*  972.0          0.5    56    8.0    8.9          *
*  974.0          0.5    52    7.9    8.9          *
*  976.0          0.5    47    8.0    8.7          *
*  978.0          0.4    48    8.1    8.6          *
*  980.0          0.5    47    8.1    8.6          *
*  982.0          0.5    47    8.1    8.6          *
*  984.0          0.5    49    8.1    8.6          *
*  986.0          0.5    49    8.1    8.6          *
*  988.0    20.5    280    0.5    49    8.1    8.7    D          *
*  990.0    23.2    259    0.5    54    8.2    8.6    B          *
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*          *      FORMATION      *          *      BOREHOLE      *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*          *       AZI. *       AZI.   1-3   2-4 * =A *
*****
*
* 992.0    22.4    272    0.5    54    8.1    8.6    B *
* 994.0    46.1    209    0.5    51    8.1    8.6    D *
* 996.0    45.3    207    0.5    53    8.5    8.6    B *
* 998.0          0.6    54    8.8    9.0          *
* 1000.0          0.5    54    9.0    8.9          *
* 1002.0          0.5    56    9.5    8.9          *
* 1004.0          0.5    54    10.4   9.3          *
* 1006.0          0.4    49    9.9    9.1          *
* 1008.0    69.6    71    0.4    47    8.3    8.8    D *
* 1010.0          0.4    46    7.8    9.0          *
* 1012.0          0.4    47    7.9    9.1          *
* 1014.0          0.4    51    8.5    8.8          *
* 1016.0          0.4    51    9.2    8.5          *
* 1018.0          0.4    41    9.3    8.9          *
* 1020.0          0.5    39    9.3    9.0          *
* 1022.0    76.4    68    0.5    43    9.2    8.5    D *
* 1024.0    66.3    68    0.6    43    9.0    8.2    D *
* 1026.0          0.6    46    9.0    8.4          *
* 1028.0          0.6    45    9.0    8.5          *
* 1030.0          0.6    39    9.2    8.4          *
* 1032.0          0.7    41    9.1    8.6          *
* 1034.0          0.7    45    8.8    9.5          *
* 1036.0          0.6    43    8.2    9.5          *
* 1038.0          0.6    39    7.6    8.4          *
* 1040.0          0.7    40    7.9    8.5          *
* 1042.0          0.6    43    8.6    9.2          *
* 1044.0          0.6    45    9.0    9.2          *
* 1046.0          0.6    44    9.7    9.1          *
* 1048.0          0.6    40    9.4    9.0          *
* 1050.0          0.6    34    9.6    8.9          *
* 1052.0          0.6    31    10.5   9.0          *
* 1054.0          0.6    35    9.6    9.0          *
* 1056.0          0.7    38    9.6    8.9          *
* 1058.0          0.7    42    10.8   9.0          *
* 1060.0          0.8    45    10.6   9.0          *
* 1062.0          0.9    44    10.2   9.0          *
* 1064.0          0.8    37    9.9    9.3          *
* 1066.0          0.7    34    8.9    9.2          *
* 1068.0          0.6    35    8.4    9.2          *
* 1070.0          0.6    38    8.6    9.0          *
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*          *      FORMATION      *          BOREHOLE          * QUAL. *
*          *-----*-----*          *          * INDEX *
* DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*          *       AZI. *          *          * 1-3   2-4 *  =A  *
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DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A
1072.0			0.5	42	9.0	8.3	
1074.0			0.6	39	9.0	9.4	
1076.0			0.6	39	9.0	10.4	
1078.0			0.6	40	8.7	9.1	
1080.0	72.7	283	0.6	41	8.3	8.2	B
1082.0			0.5	45	8.2	8.2	
1084.0			0.5	47	8.1	8.2	
1086.0	66.4	286	0.5	47	8.2	8.3	D
1088.0			0.5	50	8.3	8.4	
1090.0			0.5	55	8.7	8.4	
1092.0			0.5	59	8.9	8.3	
1094.0			0.5	56	8.7	8.2	
1096.0			0.5	54	8.3	8.1	
1098.0			0.5	58	8.5	8.1	
1100.0			0.6	60	8.7	7.9	
1102.0			0.7	63	9.1	7.9	
1104.0			0.8	66	10.1	8.1	
1106.0			0.8	65	10.6	9.6	
1108.0			0.6	66	10.0	10.6	
1110.0			0.5	68	9.9	11.1	
1112.0			0.6	63	9.6	10.8	
1114.0			0.6	58	9.1	9.5	
1116.0			0.6	62	9.8	10.4	
1118.0			0.5	65	9.9	10.5	
1120.0			0.5	63	8.8	9.2	
1122.0			0.5	65	8.2	8.5	
1124.0			0.5	65	8.1	8.3	
1126.0			0.5	62	8.1	8.3	
1128.0	30.2	293	0.5	60	8.2	8.3	B
1130.0	27.8	287	0.5	60	8.0	8.4	B
1132.0	28.9	286	0.4	60	7.8	8.4	B
1134.0			0.4	60	7.8	8.5	
1136.0	8.0	45	0.4	61	8.0	8.6	D
1138.0	7.5	86	0.4	62	8.0	9.0	B
1140.0	4.6	113	0.4	63	8.6	9.5	B
1142.0			0.4	57	9.8	9.4	
1144.0			0.4	48	9.2	8.5	
1146.0			0.4	47	8.6	8.6	
1148.0			0.4	56	9.9	9.7	
1150.0	65.2	242	0.5	61	10.0	10.2	D

* DEPTH *	* DIP *	* DIP AZI. *	* DEV. *	DEV. AZI.	DIAM 1-3	DIAM 2-4	* QUAL. * * INDEX *	* BEST * * =A *
* 1152.0	65.8	240	0.5	59	9.2	10.2	B	*
* 1154.0			0.5	64	8.9	10.5		*
* 1156.0			0.4	67	9.5	10.3		*
* 1158.0			0.4	75	10.2	11.3		*
* 1160.0			0.4	76	9.7	11.9		*
* 1162.0			0.4	65	8.7	10.7		*
* 1164.0			0.4	60	8.8	10.3		*
* 1166.0			0.4	61	8.7	10.5		*
* 1168.0			0.4	60	8.6	10.7		*
* 1170.0	26.5	88	0.5	62	8.7	10.7	B	*
* 1172.0	27.6	88	0.5	69	8.4	11.2	B	*
* 1174.0			0.5	70	8.1	11.7		*
* 1176.0			0.5	67	7.6	11.6		*
* 1178.0			0.5	66	7.3	11.4		*
* 1180.0			0.5	64	7.2	11.3		*
* 1182.0			0.5	63	7.3	11.3		*
* 1184.0			0.5	64	7.3	11.1		*
* 1186.0			0.5	68	7.3	10.6		*
* 1188.0	69.7	172	0.5	69	7.4	10.3	B	*
* 1190.0			0.5	64	7.5	10.2		*
* 1192.0	45.9	101	0.5	61	7.5	10.1	D	*
* 1194.0	68.6	171	0.5	62	7.6	10.0	B	*
* 1196.0	68.6	170	0.5	63	7.6	9.9	B	*
* 1198.0			0.5	62	7.6	9.7		*
* 1200.0			0.5	61	7.6	9.6		*
* 1202.0	46.8	103	0.6	62	7.6	9.4	B	*
* 1204.0			0.6	63	7.6	9.2		*
* 1206.0			0.6	64	7.7	9.2		*
* 1208.0			0.6	65	7.8	9.2		*
* 1210.0			0.5	63	7.9	9.3		*
* 1212.0			0.5	61	7.9	9.3		*
* 1214.0			0.5	63	7.9	9.4		*
* 1216.0			0.5	62	8.1	9.6		*
* 1218.0			0.5	58	8.3	10.0		*
* 1220.0			0.5	58	9.3	10.5		*
* 1222.0			0.6	58	10.9	10.8		*
* 1224.0			0.7	59	10.5	10.9		*
* 1226.0			0.8	61	9.5	10.4		*
* 1228.0			0.7	62	9.0	9.8		*
* 1230.0			0.8	62	8.7	9.5		*

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*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          *-----*          *-----*          * INDEX *
* DEPTH *   DIP   DIP   * DEV.   DEV.   DIAM   DIAM * BEST *
*          *     *     *     *     *     1-3   2-4 *  =A  *
*****
*
* 1232.0          *     *     * 0.8   56   8.9   9.5          *
* 1234.0          *     *     * 0.8   49   8.7   9.4          *
* 1236.0          *     *     * 0.8   50   8.5   9.4          *
* 1238.0          *     *     * 0.8   54   8.4   9.3          *
* 1240.0          *     *     * 0.8   52   8.2   9.2          *
* 1242.0          *     *     * 0.8   51   8.0   9.1          *
* 1244.0          *     *     * 0.9   53   7.8   9.0          *
* 1246.0          *     *     * 0.9   52   7.8   8.9          *
* 1248.0          *     *     * 0.9   51   7.8   9.0          *
* 1250.0          *     *     * 0.9   51   7.9   9.0          *
* 1252.0          *     *     * 0.9   49   8.0   8.9          *
* 1254.0          *     *     * 1.0   52   8.0   8.9          *
* 1256.0          *     *     * 1.0   53   8.0   9.0          *
* 1258.0          *     *     * 1.0   51   8.0   9.0          *
* 1260.0          *     *     * 1.0   48   7.9   9.0          *
* 1262.0          *     *     * 1.0   44   7.8   8.9          *
* 1264.0          *     *     * 1.0   45   7.9   8.9          *
* 1266.0          *     *     * 1.0   44   8.0   8.8          *
* 1268.0          *     *     * 1.1   45   8.0   8.9          *
* 1270.0          *     *     * 1.1   50   7.8   8.9          *
* 1272.0          *     *     * 1.1   51   7.8   8.7          *
* 1274.0          *     *     * 1.1   55   7.9   8.5          *
* 1276.0          *     *     * 1.1   58   8.0   8.4          *
* 1278.0          *     *     * 1.2   58   8.0   8.3          *
* 1280.0          *     *     * 1.2   53   8.1   8.2          *
* 1282.0          *     *     * 1.2   45   8.2   8.2          *
* 1284.0          *     *     * 1.2   40   8.2   8.3          *
* 1286.0          *     *     * 1.2   38   8.2   8.3          *
* 1288.0          *     *     * 1.2   38   8.2   8.2          *
* 1290.0          *     *     * 1.3   39   8.0   8.1          *
* 1292.0          *     *     * 1.3   38   8.0   8.0          *
* 1294.0          *     *     * 1.3   35   8.1   8.0          *
* 1296.0          * 63.5 * 177 * 1.3   36   8.3   8.1          *
* 1298.0          *     *     * 1.3   37   8.4   8.1          *
* 1300.0          *     *     * 1.3   37   8.4   8.1          *
* 1302.0          *     *     * 1.3   39   8.4   8.0          *
* 1304.0          *     *     * 1.4   39   8.1   8.1          *
* 1306.0          *     *     * 1.4   35   8.1   8.0          *
* 1308.0          *     *     * 1.4   34   8.3   7.9          *
* 1310.0          *     *     * 1.5   34   8.4   7.9          *
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* FORMATION * BOREHOLE * QUAL. *									
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DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST	INDEX	

* 1312.0			1.5	36	8.2	8.1			*
* 1314.0	9.6	205	1.5	39	8.1	8.2	D	*	
* 1316.0	4.9	167	1.5	39	8.1	8.3	D	*	
* 1318.0	4.5	152	1.5	38	8.2	8.4	D	*	
* 1320.0			1.5	33	8.1	8.5		*	
* 1322.0	12.4	174	1.5	37	8.1	8.2	D	*	
* 1324.0	10.8	167	1.5	44	8.2	8.1	B	*	
* 1326.0			1.5	46	8.2	8.1		*	
* 1328.0			1.6	49	8.2	8.1		*	
* 1330.0	10.7	160	1.6	51	8.2	8.1	D	*	
* 1332.0	11.8	162	1.6	55	8.4	8.0	B	*	
* 1334.0	9.5	168	1.5	58	8.4	7.9	D	*	
* 1336.0			1.6	57	8.4	7.9		*	
* 1338.0			1.6	51	8.5	7.9		*	
* 1340.0	15.4	143	1.6	46	8.5	8.0	B	*	
* 1342.0			1.6	43	8.4	8.1		*	
* 1344.0			1.6	45	8.3	8.1		*	
* 1346.0			1.6	44	8.3	8.1		*	
* 1348.0			1.5	42	8.2	8.2		*	
* 1350.0	8.9	334	1.5	42	8.5	8.5	D	*	
* 1352.0	11.1	324	1.5	43	9.1	9.4	D	*	
* 1354.0	6.6	213	1.5	45	9.5	10.1	B	*	
* 1356.0	8.1	231	1.5	45	9.7	10.1	B	*	
* 1358.0			1.5	47	9.8	10.1		*	
* 1360.0	5.2	171	1.5	51	9.6	9.7	D	*	
* 1362.0	3.8	129	1.5	48	9.2	9.3	B	*	
* 1364.0	2.7	80	1.5	40	9.2	9.0	B	*	
* 1366.0	3.9	21	1.5	34	10.7	9.2	D	*	
* 1368.0			1.5	36	10.5	9.2		*	
* 1370.0			1.5	40	8.7	8.5		*	
* 1372.0			1.5	43	8.4	8.4		*	
* 1374.0	55.1	332	1.6	42	8.5	8.6	B	*	
* 1376.0	56.4	331	1.6	38	8.8	8.9	D	*	
* 1378.0			1.6	34	8.8	8.9		*	
* 1380.0			1.6	36	8.6	8.7		*	
* 1382.0			1.6	39	8.4	8.7		*	
* 1384.0			1.6	40	8.3	8.7		*	
* 1386.0			1.6	45	8.3	8.7		*	
* 1388.0			1.6	48	8.3	8.6		*	
* 1390.0			1.6	40	8.2	8.5		*	

FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A

* 1392.0			1.6	33	8.2	8.3		*
* 1394.0	26.1	103	1.7	37	8.2	8.2	B	*
* 1396.0			1.7	39	8.2	8.1		*
* 1398.0			1.7	39	8.2	8.1		*
* 1400.0			1.7	38	8.2	8.1		*
* 1402.0			1.7	40	8.2	8.2		*
* 1404.0			1.7	42	8.3	8.2		*
* 1406.0			1.7	43	8.3	8.2		*
* 1408.0			1.8	39	8.4	8.2		*
* 1410.0			1.8	37	8.4	8.2		*
* 1412.0	23.8	164	1.8	44	8.5	8.4	B	*
* 1414.0	25.6	166	1.7	48	9.3	8.9	B	*
* 1416.0	17.0	158	1.7	46	10.0	9.4	D	*
* 1418.0			1.7	43	10.2	9.8		*
* 1420.0			1.7	45	10.0	10.0		*
* 1422.0			1.7	50	9.5	10.2		*
* 1424.0			1.6	50	9.0	10.7		*
* 1426.0			1.6	52	8.8	10.2		*
* 1428.0			1.6	54	8.6	9.3		*
* 1430.0			1.7	54	8.6	8.9		*
* 1432.0			1.7	53	8.5	8.7		*
* 1434.0			1.7	51	8.6	8.7		*
* 1436.0			1.7	51	8.8	9.0		*
* 1438.0			1.7	52	9.0	9.2		*
* 1440.0			1.7	51	9.1	9.3		*
* 1442.0			1.7	50	8.9	9.4		*
* 1444.0			1.7	50	8.7	9.3		*
* 1446.0			1.7	51	8.4	9.1		*
* 1448.0			1.7	54	8.4	9.0		*
* 1450.0	12.6	249	1.7	58	8.3	8.9	B	*
* 1452.0	13.3	244	1.7	61	8.3	8.8	D	*
* 1454.0			1.7	57	8.2	8.7		*
* 1456.0			1.7	53	8.1	8.6		*
* 1458.0			1.6	48	8.0	8.7		*
* 1460.0			1.6	47	8.0	8.7		*
* 1462.0			1.6	49	8.1	8.7		*
* 1464.0			1.6	51	8.1	8.6		*
* 1466.0			1.6	52	8.1	8.5		*
* 1468.0			1.6	50	8.2	8.4		*
* 1470.0	69.3	288	1.6	43	8.2	8.4	D	*

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*****
*          *      FORMATION      *          BOREHOLE          * QUAL. *
*          *-----*-----*          *          * INDEX *
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST *
*          *       AZI. *       AZI.   1-3   2-4   * =A   *
*****
*
* 1472.0   68.9   289   1.6   40   8.2   8.5   D   *
* 1474.0   66.7   290   1.6   37   8.1   8.5   D   *
* 1476.0   66.1   287   1.6   34   8.1   8.4   D   *
* 1478.0           1.6   34   8.2   8.3   *
* 1480.0           1.6   36   8.2   8.3   *
* 1482.0           1.5   39   8.2   8.4   *
* 1484.0           1.5   41   8.3   8.4   *
* 1486.0   69.7   294   1.5   48   8.4   8.4   D   *
* 1488.0           1.5   51   8.3   8.3   *
* 1490.0           1.5   51   8.2   8.1   *
* 1492.0           1.5   50   8.3   8.0   *
* 1494.0           1.5   48   8.4   8.0   *
* 1496.0           1.5   47   8.6   8.1   *
* 1498.0           1.6   48   8.8   8.3   *
* 1500.0           1.6   51   8.8   8.3   *
* 1502.0           1.6   52   8.6   8.2   *
* 1504.0           1.6   51   8.6   8.1   *
* 1506.0           1.6   51   8.6   8.1   *
* 1508.0           1.6   49   8.7   8.1   *
* 1510.0           1.6   46   8.7   8.1   *
* 1512.0           1.6   49   8.7   8.2   *
* 1514.0           1.5   55   8.8   8.3   *
* 1516.0           1.5   57   9.3   8.5   *
* 1518.0           1.5   53   10.0  8.6   *
* 1520.0           1.5   44   10.1  8.7   *
* 1522.0           1.4   39   9.8   8.9   *
* 1524.0           1.4   38   9.6   8.8   *
* 1526.0           1.4   42   9.7   9.4   *
* 1528.0           1.4   44   10.0  10.2  *
* 1530.0           1.3   46   10.3  10.3  *
* 1532.0           1.3   42   10.8  10.3  *
* 1534.0           1.4   34   11.0  10.3  *
* 1536.0           1.4   33   10.4  9.7   *
* 1538.0           1.5   32   9.2   9.0   *
* 1540.0           1.5   31   8.7   8.8   *
* 1542.0           1.5   31   8.8   8.8   *
* 1544.0           1.5   30   9.1   8.9   *
* 1546.0           1.6   28   8.9   8.6   *
* 1548.0           1.6   29   8.4   8.3   *
* 1550.0           1.6   34   8.3   8.3   *
*****

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* FORMATION *		* BOREHOLE *				* QUAL. *

* DEPTH *	* DIP *	DIP	* DEV. *	DEV.	DIAM	DIAM * BEST *
		AZI.		AZI.	1-3	2-4 * =A *

* 1552.0			1.6	35	8.5	8.3	
* 1554.0			1.6	36	8.5	8.1	
* 1556.0	66.1	85	1.6	37	8.4	8.0	D
* 1558.0	66.3	82	1.6	33	8.3	8.0	D
* 1560.0			1.7	34	8.6	8.1	
* 1562.0	66.6	85	1.7	41	8.8	8.2	D
* 1564.0			1.7	45	8.8	8.1	
* 1566.0			1.7	42	8.8	8.0	
* 1568.0	5.8	180	1.7	40	8.9	7.9	B
* 1570.0	8.2	202	1.7	40	9.1	7.9	D
* 1572.0	54.1	75	1.7	39	9.1	7.9	D
* 1574.0			1.7	35	9.1	7.9	
* 1576.0	3.5	318	1.7	32	9.2	7.8	D
* 1578.0			1.7	29	9.1	7.8	
* 1580.0			1.7	30	9.1	7.9	
* 1582.0	9.2	163	1.6	31	9.0	7.8	D
* 1584.0	4.0	208	1.6	32	8.9	7.8	D
* 1586.0			1.6	31	8.8	7.9	
* 1588.0			1.6	32	8.9	7.9	
* 1590.0			1.6	29	8.9	7.8	
* 1592.0			1.6	26	8.9	7.9	
* 1594.0			1.6	28	8.8	8.0	
* 1596.0			1.6	30	8.6	8.0	
* 1598.0			1.6	29	8.4	8.0	
* 1600.0			1.6	31	8.4	8.1	
* 1602.0			1.6	30	8.3	8.1	
* 1604.0			1.6	30	8.4	8.0	
* 1606.0			1.6	35	8.3	8.1	
* 1608.0			1.6	36	8.2	8.1	
* 1610.0	16.6	284	1.6	33	8.4	8.1	D
* 1612.0	17.6	278	1.6	26	8.8	8.2	B
* 1614.0			1.6	21	9.0	8.3	
* 1616.0	12.9	264	1.6	26	8.9	8.5	D
* 1618.0	12.8	266	1.7	29	9.0	8.4	D
* 1620.0			1.7	24	9.2	8.7	
* 1622.0			1.7	17	9.5	9.6	
* 1624.0	11.4	266	1.7	21	9.8	10.0	D
* 1626.0			1.7	22	9.7	9.8	
* 1628.0			1.7	15	9.4	9.5	
* 1630.0	63.7	30	1.7	15	9.2	9.1	D



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*****
*          *      FORMATION      *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *  DIP    DIP    *  DEV.   DEV.   DIAM   DIAM  * BEST *
*          *      AZI.  *      AZI.  1-3   2-4  * =A   *
*****
*
* 1632.0  63.7    28      1.7    18     9.0    8.8    B    *
* 1634.0  61.5    22      1.7    19     8.9    8.5    D    *
* 1636.0          1.7    20     9.0    8.4    *
* 1638.0          1.7    20     9.3    8.4    *
* 1640.0          1.7    21     9.5    8.3    *
* 1642.0          1.7    26     9.5    8.1    *
* 1644.0          1.7    29     9.4    7.9    *
* 1646.0  68.1    23      1.7    26     9.2    7.9    D    *
* 1648.0          1.7    21     9.2    7.9    *
* 1650.0          1.7    20     9.5    7.8    *
* 1652.0          1.7    23     9.4    7.7    *
* 1654.0          1.7    24     9.4    7.8    *
* 1656.0          1.6    24     9.5    7.9    *
* 1658.0          1.6    22     9.5    7.9    *
* 1660.0          1.6    22     9.5    7.9    *
* 1662.0          1.6    22     9.3    7.8    *
* 1664.0          1.6    23     9.4    7.8    *
* 1666.0          1.6    22     9.4    7.8    *
* 1668.0          1.6    21     9.4    7.9    *
* 1670.0          1.6    19     9.4    7.8    *
* 1672.0  27.2    346    1.6    19     9.2    7.8    D    *
* 1674.0  27.1     7     1.6    20     8.9    7.9    D    *
* 1676.0  26.7     8     1.6    23     8.7    7.9    B    *
* 1678.0  26.7    10     1.6    23     8.9    8.2    D    *
* 1680.0          1.5    21     9.4    8.8    *
* 1682.0          1.5    21     9.7    9.3    *
* 1684.0          1.5    21     9.7    9.1    *
* 1686.0          1.5    21     9.7    8.9    *
* 1688.0          1.4    20     9.9    9.3    *
* 1690.0          1.4    18    10.2    9.7    *
* 1692.0          1.4    18    10.2    9.3    *
* 1694.0          1.4    21     9.9    8.8    *
* 1696.0          1.4    19     9.6    8.9    *
* 1698.0          1.4    18     9.6    9.2    *
* 1700.0          1.5    20     9.7    9.2    *
* 1702.0          1.5    20     9.5    8.8    *
* 1704.0          1.5    17     9.4    8.5    *
* 1706.0          1.5    16     9.5    8.6    *
* 1708.0          1.5    16     9.5    8.5    *
* 1710.0          1.5    17     9.6    8.3    *
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*****
*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          *-----*          *-----*          * INDEX *
* DEPTH *  DIP   DIP   *  DEV.  DEV.  DIAM  DIAM * BEST *
*          *     AZI. *     AZI.  1-3  2-4 *  =A  *
*****
*
* 1712.0          *          * 1.5   18   9.8   8.2          *
* 1714.0          *          * 1.5   13   9.7   8.1          *
* 1716.0          *          * 1.5   12   9.6   8.0          *
* 1718.0          *          * 1.4   16   9.4   8.0          *
* 1720.0          *          * 1.4   19   9.4   8.1          *
* 1722.0          *          * 1.4   18   9.4   8.6          *
* 1724.0          *          * 1.3   17   9.3   9.0          *
* 1726.0          *          * 1.3   22   9.3   9.0          *
* 1728.0          *          * 1.4   21   9.3   8.9          *
* 1730.0          *          * 1.4   18   9.2   8.6          *
* 1732.0          *          * 1.3   21   9.1   8.3          *
* 1734.0          *          * 1.3   23   8.9   8.2          *
* 1736.0          *          * 1.3   20   8.9   8.1          *
* 1738.0          * 7.1   311  * 1.3   18   8.8   8.0          * D
* 1740.0          * 8.1   304  * 1.4   16   8.8   8.0          * B
* 1742.0          * 10.5  282  * 1.4   15   8.9   8.1          * D
* 1744.0          *          * 1.4   14   9.0   8.1          *
* 1746.0          *          * 1.4   13   9.0   8.1          *
* 1748.0          *          * 1.4   10   8.9   8.2          *
* 1750.0          *          * 1.4   8    8.7   8.2          *
* 1752.0          *          * 1.3   8    8.6   8.2          *
* 1754.0          *          * 1.3   10   8.6   8.1          *
* 1756.0          *          * 1.3   9    8.7   8.1          *
* 1758.0          * 3.1   170  * 1.3   11   8.8   8.1          * B
* 1760.0          * 3.1   169  * 1.3   11   8.8   8.1          * B
* 1762.0          * 2.4   172  * 1.2   7    8.7   8.1          * D
* 1764.0          *          * 1.2   3    8.7   8.1          *
* 1766.0          *          * 1.2   3    8.6   8.0          *
* 1768.0          *          * 1.2   7    8.6   8.0          *
* 1770.0          * 65.1  52   * 1.2   10   8.7   8.2          * D
* 1772.0          *          * 1.2   10   8.7   8.1          *
* 1774.0          *          * 1.2   8    8.7   8.1          *
* 1776.0          *          * 1.2   7    8.7   8.1          *
* 1778.0          * 64.1  50   * 1.2   8    8.7   8.1          * B
* 1780.0          * 65.2  49   * 1.2   9    8.7   8.1          * D
* 1782.0          *          * 1.2   7    8.6   8.1          *
* 1784.0          *          * 1.2   5    8.6   8.1          *
* 1786.0          *          * 1.1   7    8.6   8.2          *
* 1788.0          *          * 1.1   7    8.7   8.3          *
* 1790.0          *          * 1.0   5    9.2   8.9          *
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*****
*          *      FORMATION      *          BOREHOLE          *      QUAL.      *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST   *
*         *       AZI. *       AZI.   1-3   2-4   * =A     *
*****
*
* 1792.0           1.0       5           9.5       9.4
* 1794.0           1.0       5           9.6       9.5
* 1796.0           1.0       2           9.1       9.1
* 1798.0           1.0       1           8.5       8.5
* 1800.0           1.0      358           8.4       8.4
* 1802.0           1.0      352           8.3       8.3
* 1804.0           1.0      349           8.2       8.2
* 1806.0           1.0      350           8.2       8.2
* 1808.0           0.9      351           8.4       8.3
* 1810.0           0.9      352           8.5       8.5
* 1812.0           0.9      348           8.5       8.6
* 1814.0           0.9      346           8.6       8.6
* 1816.0           0.9      348           8.7       8.7
* 1818.0           0.9      354           8.8       9.0
* 1820.0           0.9      356           8.7       9.0
* 1822.0           0.8      352           8.6       8.8
* 1824.0           0.8      351           8.5       8.7
* 1826.0           0.8      352           8.3       8.6
* 1828.0           0.8      358           8.1       8.5
* 1830.0      21.0      212           0.8      358           8.1       8.5       D
* 1832.0      67.1      359           0.8      353           8.3       8.6       B
* 1834.0      25.1      199           0.8      351           8.4       8.7       B
* 1836.0      26.9      211           0.8      351           8.3       8.6       D
* 1838.0           0.9      352           8.2       8.5
* 1840.0           0.9      351           8.4       8.7
* 1842.0           0.9      349           8.6       9.0
* 1844.0      66.2      359           0.9      348           8.6       9.0       D
* 1846.0           0.8      350           8.4       8.7
* 1848.0           0.8      347           8.4       8.6
* 1850.0           0.9      344           8.4       9.0
* 1852.0           0.9      344           8.5       9.3
* 1854.0           0.9      348           8.6       9.4
* 1856.0           0.8      353           8.6       9.4
* 1858.0           0.8      356           8.6       9.2
* 1860.0           0.8      359           8.3       8.9
* 1862.0           0.8       3           8.1       8.7
* 1864.0           0.8       3           8.1       8.6
* 1866.0           0.8      360           8.2       8.4
* 1868.0           0.8      357           8.2       8.4
* 1870.0           0.9      353           8.2       8.4
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*****
*          *   FORMATION   *           BOREHOLE           * QUAL. *
*          *-----*-----*-----*-----*-----* INDEX *
* DEPTH   *   DIP     DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*          *         AZI.  *         AZI.  1-3   2-4 *  =A  *
*****
*
* 1872.0           0.9   354           8.2           8.5           *
* 1874.0           0.9   354           8.2           8.5           *
* 1876.0           0.9   351           8.3           8.4           *
* 1878.0           0.9   351           8.4           8.3           *
* 1880.0           0.9   350           8.5           8.3           *
* 1882.0           0.9   349           8.5           8.3           *
* 1884.0           0.9   350           8.4           8.3           *
* 1886.0           0.9   353           8.5           8.3           *
* 1888.0    40.7    254           0.9   355           8.8           8.4           B *
* 1890.0    39.5    251           0.9   355           9.4           8.5           B *
* 1892.0    40.5    254           0.9   355           9.5           8.6           D *
* 1894.0           0.9   356           9.3           8.6           *
* 1896.0           0.9   354           9.3           8.7           *
* 1898.0           0.9   346           9.7           8.9           *
* 1900.0           0.9   343           10.1          8.9           *
* 1902.0    36.6    254           0.8   343           10.1          8.8           D *
* 1904.0           0.9   339           9.9           8.8           *
* 1906.0           0.9   341           9.3           8.6           *
* 1908.0           0.9   344           8.7           8.6           *
* 1910.0           0.9   345           8.5           8.6           *
* 1912.0           0.9   347           8.5           8.6           *
* 1914.0           0.9   350           8.6           8.6           *
* 1916.0    71.6    152           0.9   352           8.6           8.7           D *
* 1918.0    71.1    150           0.9   354           8.4           8.6           D *
* 1920.0    70.5    146           0.9   355           8.2           8.5           D *
* 1922.0           0.8   355           8.1           8.5           *
* 1924.0           0.8   358           8.0           8.5           *
* 1926.0           0.8           1           8.1           8.6           *
* 1928.0     6.2    241           0.8           1           8.2           8.6           B *
* 1930.0     6.8    237           0.8           5           8.1           8.8           D *
* 1932.0           0.8           6           8.1           8.9           *
* 1934.0     4.0     15           0.8           1           8.1           8.9           D *
* 1936.0     4.3     73           0.8   359           8.1           8.9           D *
* 1938.0    68.3    236           0.8           2           8.4           9.0           D *
* 1940.0    64.8    232           0.8           6           8.4           9.0           D *
* 1942.0           0.8           7           8.2           8.9           *
* 1944.0           0.8           7           8.3           8.9           *
* 1946.0    10.2     26           0.8           8           8.3           8.9           D *
* 1948.0           0.8           7           8.3           8.9           *
* 1950.0           0.8           7           8.2           8.9           *
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*          *          *          *          *          *          *          *
*          *  FORMATION  *          *  BOREHOLE  *          *  QUAL.  *
*          *  -----  *          *  -----  *          *  INDEX  *
*  DEPTH  *  DIP    DIP  *  DEV.  DEV.  DIAM  DIAM *  BEST  *
*          *  *      AZI. *  *      AZI.  1-3  2-4 *  =A   *
*****
*
* 1952.0          0.8      6      8.1      9.0          *
* 1954.0          0.7      3      8.3      9.6          *
* 1956.0          0.7      4      9.0     10.1          *
* 1958.0          0.7      6      9.7     10.4          *
* 1960.0          0.7     10      9.4     10.6          *
* 1962.0          0.7     12      9.5     10.2          *
* 1964.0          0.7     11      9.5      9.5          *
* 1966.0          0.7      8      8.9      8.8          *
* 1968.0          0.7      4      8.8      8.4          *
* 1970.0    63.3    249    0.7      4      9.1      8.3          D
* 1972.0          0.8      6      9.2      8.7          *
* 1974.0          0.8      8      8.8      8.9          *
* 1976.0    60.7    253    0.8      8      8.7      9.5          D
* 1978.0          0.8      9      9.1     10.1          *
* 1980.0          0.8      8      9.3     10.0          *
* 1982.0          0.8     10      8.9      9.8          *
* 1984.0          0.8     10      8.6      9.9          *
* 1986.0          0.8      6      8.7      9.8          *
* 1988.0          0.8      5      8.6      9.7          *
* 1990.0          0.8      4      8.7      9.7          *
* 1992.0    34.3    249    0.8      3      8.9      9.7          B
* 1994.0    34.9    246    0.8      3      9.0      9.7          D
* 1996.0          0.8      3      8.8      9.6          *
* 1998.0          0.8      7      8.9      9.4          *
* 2000.0          0.8     10      9.2      9.4          *
* 2002.0          0.8     10      9.3      9.4          *
* 2004.0          0.8      7      9.2      9.2          *
* 2006.0          0.8      4      9.0      9.1          *
* 2008.0          0.8      2      9.0      9.2          *
* 2010.0          0.8      4      9.0      9.2          *
* 2012.0          0.8      6      8.6      9.3          *
* 2014.0          0.7     10      8.6      9.3          *
* 2016.0          0.7     11      8.9      9.3          *
* 2018.0          0.7      8      8.9      9.2          *
* 2020.0          0.7     10      9.1      9.2          *
* 2022.0          0.7     11      9.5      9.3          *
* 2024.0          0.8      7      9.3      9.3          *
* 2026.0          0.8      7      8.8      9.2          *
* 2028.0          0.8     12      8.5      9.1          *
* 2030.0          0.8     15      8.4      9.0          *
*****

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QUINTANA PETRO.

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*****		*****			*****		*****		*****	
* FORMATION *				BOREHOLE				* QUAL. *		
* ----- * INDEX *								* BEST *		
* DEPTH * DIP DIP * DEV. DEV. DIAM DIAM * =A *										
* * AZI. * AZI. 1-3 2-4 * =A *										

* 2032.0			0.8	12	8.4	9.0			*	
* 2034.0	72.0	69	0.8	9	8.6	8.9	D		*	
* 2036.0			0.8	9	8.6	8.8			*	
* 2038.0	67.9	70	0.8	13	8.5	8.8	B		*	
* 2040.0	67.2	69	0.8	17	8.4	8.7	D		*	
* 2042.0			0.8	15	8.4	8.6			*	
* 2044.0			0.8	14	8.3	8.5			*	
* 2046.0			0.8	16	8.2	8.4			*	
* 2048.0			0.8	17	8.2	8.4			*	
* 2050.0			0.8	15	8.2	8.4			*	
* 2052.0			0.8	11	8.3	8.5			*	
* 2054.0			0.8	9	8.2	8.5			*	
* 2056.0			0.8	5	8.2	8.4			*	
* 2058.0			0.8	358	8.3	8.3			*	
* 2060.0			0.8	355	8.3	8.3			*	
* 2062.0			0.7	353	8.4	8.3			*	
* 2064.0			0.7	351	8.5	8.4			*	
* 2066.0			0.7	353	8.6	8.5			*	
* 2068.0			0.7	354	8.6	8.5			*	
* 2070.0			0.7	354	8.6	8.5			*	
* 2072.0			0.7	356	8.6	8.5			*	
* 2074.0			0.7	357	8.6	8.4			*	
* 2076.0			0.7	357	8.5	8.4			*	
* 2078.0			0.7	359	8.4	8.3			*	
* 2080.0			0.7	3	8.4	8.3			*	
* 2082.0			0.7	1	8.4	8.2			*	
* 2084.0			0.7	0	8.4	8.3			*	
* 2086.0			0.8	3	8.5	8.4			*	
* 2088.0			0.8	2	8.5	8.4			*	
* 2090.0			0.8	4	8.4	8.4			*	
* 2092.0			0.8	5	8.5	8.4			*	
* 2094.0			0.8	6	8.6	8.4			*	
* 2096.0			0.8	5	8.6	8.4			*	
* 2098.0			0.8	0	8.7	8.4			*	
* 2100.0			0.9	359	8.7	8.5			*	
* 2102.0			0.9	1	8.6	8.5			*	
* 2104.0			0.9	0	8.6	8.4			*	
* 2106.0			0.9	0	8.5	8.4			*	
* 2108.0			0.9	0	8.4	8.3			*	
* 2110.0			0.9	4	8.3	8.3			*	

*****				*****				*****			
FORMATION				BOREHOLE				QUAL.			
-----				-----				-----			
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST	INDEX			
		AZI.		AZI.	1-3	2-4	=A				

* 2112.0			0.9		6	8.2		8.4			*
* 2114.0			0.9		3	8.3		8.5			*
* 2116.0			0.9		7	8.4		8.4			*
* 2118.0			0.9		9	8.4		8.3			*
* 2120.0			0.9		5	8.4		8.3			*
* 2122.0			0.9		6	8.4		8.4			*
* 2124.0			0.9		11	8.5		8.4			*
* 2126.0			0.8		11	8.6		8.4			*
* 2128.0			0.8		8	8.5		8.4			*
* 2130.0			0.8		2	8.4		8.4			*
* 2132.0	7.6	160	0.8		358	8.4		8.4		D	*
* 2134.0	6.9	169	0.8		357	8.4		8.4		D	*
* 2136.0	9.7	117	0.8		357	8.3		8.3		D	*
* 2138.0	10.1	171	0.8		359	8.2		8.2		D	*
* 2140.0			0.7		359	8.3		8.2			*
* 2142.0			0.7		1	8.3		8.2			*
* 2144.0			0.7		2	8.2		8.2			*
* 2146.0	8.3	186	0.7		2	8.2		8.2		D	*
* 2148.0			0.7		4	8.2		8.1			*
* 2150.0			0.7		4	8.2		8.2			*
* 2152.0			0.7		6	8.2		8.2			*
* 2154.0			0.7		10	8.2		8.3			*
* 2156.0			0.8		8	8.3		8.3			*
* 2158.0			0.8		7	8.4		8.5			*
* 2160.0			0.7		6	8.6		9.2			*
* 2162.0			0.7		14	9.0		10.9			*
* 2164.0			0.8		17	9.3		11.7			*
* 2166.0			0.8		11	9.2		10.8			*
* 2168.0			0.8		9	8.9		9.8			*
* 2170.0	59.8	8	0.8		8	8.4		9.4		D	*
* 2172.0			0.8		12	8.3		9.4			*
* 2174.0			0.8		15	8.2		9.3			*
* 2176.0			0.8		16	8.3		9.2			*
* 2178.0	57.5	359	0.8		19	8.3		9.1		B	*
* 2180.0	57.3	357	0.8		20	8.4		9.2		B	*
* 2182.0			0.8		21	8.5		9.2			*
* 2184.0			0.8		21	8.4		9.2			*
* 2186.0			0.8		17	8.3		9.2			*
* 2188.0			0.8		15	8.3		9.3			*
* 2190.0			0.9		18	8.3		9.5			*

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*****		*****		*****		*****		*****	
* FORMATION *		* BOREHOLE *		* QUAL. *				* INDEX *	
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST	A	
		AZI.		AZI.	1-3	2-4			

* 2192.0			0.9	26	8.2	9.6			*
* 2194.0	61.4	337	0.8	24	8.1	9.3	D		*
* 2196.0			0.8	15	8.1	9.1			*
* 2198.0			0.8	15	8.1	9.0			*
* 2200.0			0.8	14	8.1	9.0			*
* 2202.0	68.7	336	0.8	13	8.0	9.1	B		*
* 2204.0			0.8	13	7.9	9.1			*
* 2206.0			0.8	13	8.0	8.8			*
* 2208.0			0.8	24	8.1	8.7			*
* 2210.0			0.8	32	8.2	8.8			*
* 2212.0			0.8	32	8.1	8.8			*
* 2214.0			0.8	33	8.2	8.7			*
* 2216.0			0.8	32	8.1	8.7			*
* 2218.0			0.8	32	8.2	8.6			*
* 2220.0			0.8	38	8.3	8.6			*
* 2222.0			0.8	35	8.2	8.8			*
* 2224.0			0.8	27	8.2	8.8			*
* 2226.0			0.8	23	8.2	8.7			*
* 2228.0			0.8	24	8.1	8.7			*
* 2230.0			0.8	33	8.1	8.6			*
* 2232.0			0.8	31	8.1	8.5			*
* 2234.0	17.4	241	0.7	21	8.1	8.4	D		*
* 2236.0			0.7	15	8.2	8.4			*
* 2238.0			0.7	14	8.2	8.4			*
* 2240.0			0.7	15	8.2	8.3			*
* 2242.0	6.9	257	0.8	15	8.1	8.4	B		*
* 2244.0	10.4	231	0.8	18	8.1	8.3	B		*
* 2246.0	12.2	249	0.8	21	8.2	8.4	B		*
* 2248.0			0.8	20	8.3	9.1			*
* 2250.0			0.8	19	8.5	9.5			*
* 2252.0			0.8	18	8.6	9.2			*
* 2254.0			0.8	15	8.7	9.0			*
* 2256.0			0.9	12	8.8	9.0			*
* 2258.0			0.9	12	8.7	8.7			*
* 2260.0			0.9	9	8.6	8.4			*
* 2262.0			0.9	11	8.4	8.2			*
* 2264.0			0.9	16	8.3	8.2			*
* 2266.0			0.9	19	8.3	8.2			*
* 2268.0			0.9	23	8.2	8.2			*
* 2270.0			0.9	26	8.2	8.3			*

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*****
*          *          *          *          *          *          *          *
*          *  FORMATION  *          *  BOREHOLE  *          *  QUAL.  *
*          *-----*          *-----*          *  INDEX  *
*  DEPTH  *  DIP    DIP  *  DEV.  DEV.  DIAM  DIAM  *  BEST  *
*          *          AZI. *          AZI.  1-3  2-4  *  =A   *
*****
*
*  2272.0          0.9    23    8.2    8.4          *
*  2274.0          0.9    22    8.2    8.5          *
*  2276.0          0.8    28    8.1    8.6          *
*  2278.0          0.8    31    8.1    8.8          *
*  2280.0          3.2    186   0.8    31    8.1    8.6          D
*  2282.0          9.2    172   0.7    29    8.3    8.3          B
*  2284.0          4.8     4    0.7    22    8.3    8.3          B
*  2286.0         10.7    10    0.6    20    8.3    8.3          B
*  2288.0         35.1    37    0.6    28    8.3    8.3          B
*  2290.0         33.2    34    0.6    38    8.2    8.2          D
*  2292.0         31.7    32    0.6    40    8.2    8.1          D
*  2294.0          0.6    36    8.3    8.1          *
*  2296.0          0.6    39    8.4    8.1          *
*  2298.0          0.7    44    8.5    8.1          *
*  2300.0          0.7    44    8.7    8.2          *
*  2302.0          0.6    39    8.7    8.1          *
*  2304.0          0.6    33    8.7    8.2          *
*  2306.0         27.8    221  0.6    32    8.7    8.3          B
*  2308.0          0.6    31    8.7    8.2          *
*  2310.0          0.6    23    8.7    8.3          *
*  2312.0          0.6    19    8.7    8.4          *
*  2314.0          0.7    20    8.7    8.4          *
*  2316.0          0.7    20    8.6    8.4          *
*  2318.0          0.7    25    8.5    8.4          *
*  2320.0          0.7    31    8.4    8.4          *
*  2322.0          0.7    34    8.2    8.4          *
*  2324.0          0.8    36    8.3    8.3          *
*  2326.0          0.8    33    8.3    8.2          *
*  2328.0          0.8    32    8.1    8.2          *
*  2330.0          0.8    32    8.1    8.2          *
*  2332.0          0.8    32    8.1    8.1          *
*  2334.0          0.8    33    8.2    8.2          *
*  2336.0          0.8    34    8.3    8.2          *
*  2338.0          0.9    33    8.2    8.2          *
*  2340.0          0.8    29    8.2    8.2          *
*  2342.0          0.8    26    8.2    8.2          *
*  2344.0          0.8    33    8.2    8.2          *
*  2346.0          0.8    41    8.3    8.2          *
*  2348.0          0.8    45    8.8    8.3          *
*  2350.0          0.8    44    9.3    8.3          *
*****

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QUINTANA PETRO.

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FORMATION			BOREHOLE				QUAL.

DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A
*							*
*			0.8	45	9.3	8.3	*
*			0.8	49	9.3	8.2	*
*			0.8	45	9.5	8.2	*
*			0.8	36	10.0	8.1	*
*			0.8	34	9.9	8.2	*
*			0.8	37	9.1	8.3	*
*			0.8	43	8.6	8.4	*
*			0.8	46	8.3	8.3	*
*	62.1	243	0.8	44	8.3	8.4	B *
*			0.8	46	8.5	8.4	*
*			0.8	49	8.5	8.4	*
*			0.7	49	8.4	8.5	*
*			0.7	48	8.3	8.6	*
*			0.7	46	8.3	8.5	*
*	53.1	240	0.7	45	8.3	8.4	D *
*			0.7	45	8.3	8.3	*
*	68.2	240	0.6	41	8.3	8.3	D *
*			0.6	43	8.2	8.2	*
*			0.6	44	8.2	8.1	*
*			0.6	43	8.2	8.1	*
*	14.8	251	0.6	47	8.2	8.2	D *
*	17.3	251	0.7	47	8.2	8.3	B *
*	18.8	252	0.7	46	8.2	8.4	D *
*			0.7	45	8.1	8.4	*
*			0.7	42	8.2	8.5	*
*			0.7	43	8.2	8.5	*
*			0.7	47	8.3	8.3	*
*			0.7	48	8.3	8.2	*
*			0.7	51	8.4	8.2	*
*			0.7	52	8.4	8.3	*
*			0.7	53	8.6	8.3	*
*			0.7	55	8.5	8.2	*
*			0.7	52	8.4	8.1	*
*			0.7	50	8.5	8.1	*
*			0.8	50	8.4	8.1	*
*			0.8	51	8.3	8.2	*
*			0.8	46	8.2	8.2	*
*			0.8	45	8.2	8.1	*
*			0.8	47	8.3	8.1	*
*			0.8	49	8.2	8.1	*

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*****
*          *      FORMATION      *          *      BOREHOLE      *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*      INDEX *
* DEPTH  *  DIP    DIP    *  DEV.   DEV.   DIAM    DIAM  * BEST *
*        *      AZI.  *      AZI.   1-3    2-4  * =A   *
*****
*
* 2432.0          0.8      46      8.1      8.1          *
* 2434.0          0.8      45      8.1      8.1          *
* 2436.0          0.9      48      8.1      8.1          *
* 2438.0          0.9      49      8.1      8.1          *
* 2440.0          0.9      48      8.2      8.2          *
* 2442.0          0.9      44      8.2      8.2          *
* 2444.0          0.9      46      8.2      8.3          *
* 2446.0          0.9      48      8.1      8.4          *
* 2448.0    68.6    262    0.9      44      8.1      8.5          D *
* 2450.0          0.8      43      8.2      8.4          *
* 2452.0          0.8      47      8.2      8.4          *
* 2454.0    69.6    271    0.8      49      8.3      8.4          D *
* 2456.0    67.8    260    0.8      47      8.3      8.3          B *
* 2458.0    69.8    260    0.7      45      8.6      8.5          B *
* 2460.0    69.0    252    0.7      43      8.7      9.1          D *
* 2462.0          0.7      43      8.5      9.3          *
* 2464.0          0.7      44      8.4      8.8          *
* 2466.0          0.7      45      8.6      8.6          *
* 2468.0          0.7      45      8.6      8.4          *
* 2470.0          0.7      45      8.5      8.4          *
* 2472.0          0.7      47      8.4      8.3          *
* 2474.0          0.7      49      8.4      8.2          *
* 2476.0          0.7      47      8.3      8.2          *
* 2478.0          0.7      45      8.4      8.2          *
* 2480.0          0.8      45      8.4      8.2          *
* 2482.0          0.7      47      8.3      8.2          *
* 2484.0          0.7      49      8.3      8.2          *
* 2486.0          0.7      49      8.2      8.2          *
* 2488.0          0.8      46      8.3      8.2          *
* 2490.0          0.8      48      8.3      8.2          *
* 2492.0          0.8      55      8.3      8.1          *
* 2494.0          0.8      61      8.2      8.3          *
* 2496.0          0.8      59      8.2      8.3          *
* 2498.0          0.8      51      8.3      8.4          *
* 2500.0          0.8      50      8.3      8.3          *
* 2502.0          0.9      50      8.4      8.3          *
* 2504.0          0.9      47      8.4      8.3          *
* 2506.0          0.9      45      8.2      8.2          *
* 2508.0          0.9      46      8.2      8.2          *
* 2510.0          0.9      42      8.1      8.1          *
*****

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FORMATION			BOREHOLE				QUAL.	
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A	
*								*
*			0.9	39	8.1	8.0		*
*			0.9	43	8.1	8.0		*
*			0.9	46	8.2	8.1		*
*			0.9	46	8.1	8.1		*
*			0.8	42	8.2	8.1		*
*			0.8	41	8.4	8.1		*
*			0.8	44	8.4	8.1		*
*			0.8	48	8.2	8.1		*
*			0.8	47	8.1	8.1		*
*			0.8	46	8.1	8.1		*
*			0.8	47	8.1	8.3		*
*			0.8	44	8.1	8.5		*
*			0.7	45	8.1	8.5		*
*			0.7	50	8.1	8.4		*
*			0.7	52	8.2	8.2		*
*			0.7	54	8.2	8.0		*
*			0.7	54	8.3	8.0		*
*			0.7	51	8.2	8.1		*
*	65.7	234	0.7	52	8.2	8.1	D	*
*			0.7	56	8.3	8.1		*
*			0.7	59	8.3	8.0		*
*			0.6	62	8.2	8.2		*
*			0.7	61	8.5	8.3		*
*	68.0	238	0.7	56	9.2	8.3	B	*
*			0.8	54	9.3	8.3		*
*			0.8	52	8.9	8.2		*
*			0.8	49	8.7	8.1		*
*			0.8	46	8.3	8.1		*
*	6.8	174	0.8	47	8.3	8.2	B	*
*	12.9	223	0.9	49	8.3	8.3	D	*
*			0.9	52	8.2	8.3		*
*	4.9	175	0.9	52	8.2	8.4	D	*
*	5.8	181	0.9	48	8.2	8.4	B	*
*	1.9	114	0.9	44	8.2	8.4	D	*
*	6.7	125	1.0	43	8.2	8.4	D	*
*	8.2	130	1.0	45	8.2	8.3	D	*
*	8.3	180	0.9	45	8.2	8.2	B	*
*	10.0	156	1.0	45	8.2	8.1	B	*
*	12.9	138	1.0	44	8.3	8.1	A	*
*	1.1	240	1.0	43	8.4	8.1	A	*



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*****
*          * FORMATION *          BOREHOLE * QUAL. *
*          *-----*          *-----* * INDEX *
* DEPTH *  *  DIP    DIP    *  DEV.  DEV.  DIAM  DIAM * BEST *
*          *  *  AZI.  *  *  AZI.  1-3  2-4 * =A  *
*****
*
* 2592.0    1.1    269    1.0    43    8.5    8.1    A
* 2594.0    5.9     94    1.1    44    8.5    8.2    C
* 2596.0    5.8    109    1.1    42    8.5    8.2    A
* 2598.0    2.6    138    1.1    41    8.4    8.2    A
* 2600.0    3.3     6     1.1    42    8.3    8.2    C
* 2602.0    17.8    136    1.1    40    8.2    8.2
* 2604.0    4.2    140    1.1    41    8.1    8.2    D
* 2606.0    4.8    169    1.1    44    8.1    8.1    A
* 2608.0    4.9    175    1.1    46    8.2    8.2    B
* 2610.0    3.7    148    1.1    47    8.2    8.2    B
* 2612.0    1.1    48    8.2    8.2
* 2614.0    1.1    48    8.1    8.1
* 2616.0    1.0    49    8.1    8.1
* 2618.0    5.1    213    1.0    53    8.1    8.2    D
* 2620.0    5.6    258    1.0    56    8.1    8.4    D
* 2622.0    3.7    274    1.0    56    8.1    8.4    D
* 2624.0    1.0    54    8.1    8.4
* 2626.0    3.2    212    1.0    54    8.2    8.5    D
* 2628.0    1.0    57    8.2    8.5
* 2630.0    1.0    61    8.2    8.7
* 2632.0    1.1    63    8.2    8.7
* 2634.0    45.3    75    1.1    62    8.2    8.5    B
* 2636.0    7.9    208    1.1    60    8.2    8.4    B
* 2638.0    1.1    61    8.2    8.5
* 2640.0    1.1    61    8.2    8.5
* 2642.0    5.1    238    1.1    58    8.2    8.5    B
* 2644.0    6.8    234    1.1    56    8.2    8.4    B
* 2646.0    7.0    243    1.1    53    8.2    8.3    B
* 2648.0    5.8    222    1.1    53    8.2    8.3    A
* 2650.0    5.5    201    1.1    59    8.2    8.4    C
* 2652.0    4.4    206    1.1    63    8.2    8.5    A
* 2654.0    2.3    239    1.0    66    8.2    8.4    A
* 2656.0    65.2    71    1.1    65    8.2    8.4    B
* 2658.0    1.6    211    1.1    64    8.2    8.6    A
* 2660.0    3.7    207    1.1    62    8.1    8.6    A
* 2662.0    2.2    207    1.1    58    8.1    8.6    A
* 2664.0    1.2    58    8.1    8.6
* 2666.0    1.1    59    8.2    8.6
* 2668.0    8.5    242    1.1    59    8.2    8.6    D
* 2670.0    3.8    298    1.1    61    8.2    8.6    B
*****

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*****
*          *      FORMATION      *          BOREHOLE          * QUAL. *
*          *-----*-----*          *          * INDEX *
* DEPTH  *  DIP    DIP    *  DEV.  DEV.  DIAM  DIAM * BEST *
*          *      AZI.  *      AZI.  1-3   2-4 * =A  *
*****
*
* 2672.0   4.0    334    1.1    61    8.1    8.7    B  *
* 2674.0   2.8    268    1.2    63    8.0    8.9    B  *
* 2676.0   2.5    260    1.2    64    8.1    8.9    B  *
* 2678.0   2.8    280    1.2    66    8.1    8.7    B  *
* 2680.0           1.2    66    8.1    8.6    *
* 2682.0   6.8    268    1.2    64    8.1    8.7    D  *
* 2684.0   5.3    189    1.2    62    8.1    8.7    D  *
* 2686.0           1.2    61    8.1    8.7    *
* 2688.0           1.2    65    8.1    8.8    *
* 2690.0   4.0    187    1.2    66    8.1    8.8    B  *
* 2692.0   3.3    192    1.2    66    8.2    8.8    B  *
* 2694.0   0.6    253    1.1    65    8.2    8.8    D  *
* 2696.0           1.1    62    8.1    8.7    *
* 2698.0           1.1    63    8.1    8.6    *
* 2700.0   0.9    252    1.1    65    8.1    8.7    D  *
* 2702.0           1.1    68    8.0    9.0    *
* 2704.0           1.0    65    7.9    9.4    *
* 2706.0           1.0    61    8.1    9.8    *
* 2708.0           1.0    59    8.2    9.6    *
* 2710.0           1.0    59    8.3    9.3    *
* 2712.0           1.0    63    8.3    9.2    *
* 2714.0           1.0    64    8.3    9.2    *
* 2716.0           1.0    63    8.4    9.2    *
* 2718.0           0.9    66    8.5    8.9    *
* 2720.0           1.0    68    8.6    8.6    *
* 2722.0           1.0    64    9.0    8.4    *
* 2724.0           1.1    58    9.3    8.3    *
* 2726.0           1.1    56    9.3    8.1    *
* 2728.0   13.6    48    1.1    66    9.2    8.1    D  *
* 2730.0   13.3    62    1.1    78    8.9    8.1    D  *
* 2732.0   4.4    327    1.1    78    8.8    8.1    D  *
* 2734.0   1.5    352    1.1    69    8.8    8.1    D  *
* 2736.0           1.1    63    8.7    8.0    *
* 2738.0           1.1    68    8.8    8.0    *
* 2740.0           1.1    61    9.2    8.0    *
* 2742.0           1.0    54    9.5    8.0    *
* 2744.0           1.0    55    9.5    8.1    *
* 2746.0           1.0    54    9.4    8.3    *
* 2748.0           1.0    53    9.4    8.1    *
* 2750.0           1.0    53    9.4    8.1    *
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*****
*          *   FORMATION          *           BOREHOLE           *   QUAL. *
*          *-----*-----*-----*-----*-----*-----*   INDEX *
* DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*          *       AZI. *       AZI.   1-3   2-4 * =A *
*****
*
* 2752.0          1.0   52          9.2   8.2          *
* 2754.0          1.0   46          9.1   8.1          *
* 2756.0          1.1   43          9.1   8.0          *
* 2758.0   24.2   238          1.1   44          9.0   8.0   D *
* 2760.0          1.1   44          8.9   8.0          *
* 2762.0   20.4   238          1.1   46          8.5   8.0   B *
* 2764.0   20.2   231          1.2   54          8.1   8.0   B *
* 2766.0          1.2   61          8.1   8.2          *
* 2768.0          1.1   61          8.0   8.6          *
* 2770.0          1.1   55          8.4   9.1          *
* 2772.0          1.1   51          8.6   9.3          *
* 2774.0          1.1   55          8.3   10.3         *
* 2776.0   26.7   246          1.1   58          8.1   10.9   D *
* 2778.0          1.0   57          8.1   10.2         *
* 2780.0          1.0   57          8.2   9.7          *
* 2782.0          1.0   58          8.2   9.6          *
* 2784.0          1.0   58          8.3   9.5          *
* 2786.0          1.0   58          8.5   9.3          *
* 2788.0          1.0   56          8.6   9.1          *
* 2790.0          1.0   55          9.2   9.2          *
* 2792.0          1.0   49          9.3   9.5          *
* 2794.0          1.0   46          8.6   9.2          *
* 2796.0          1.0   51          8.3   8.8          *
* 2798.0          1.0   55          8.2   8.5          *
* 2800.0          1.0   56          8.3   8.5          *
* 2802.0          1.0   56          8.3   9.0          *
* 2804.0          1.0   57          8.2   9.2          *
* 2806.0          1.0   51          8.1   9.0          *
* 2808.0          1.0   50          8.0   9.0          *
* 2810.0          1.0   54          8.1   8.9          *
* 2812.0          0.9   58          8.1   8.6          *
* 2814.0          0.9   58          8.3   8.6          *
* 2816.0          0.9   55          8.3   8.7          *
* 2818.0          0.9   55          8.2   8.8          *
* 2820.0          0.9   52          8.3   8.7          *
* 2822.0          0.9   53          8.6   8.5          *
* 2824.0          0.9   56          8.6   8.6          *
* 2826.0          0.9   59          9.8   8.7          *
* 2828.0   72.9   360          0.9   60          10.7   8.8   B *
* 2830.0   67.4   295          0.9   58          10.3   8.6   B *
*****
    
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FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A

* 2832.0			0.9	56	9.6	8.3	
* 2834.0			0.8	53	8.6	8.2	
* 2836.0	7.6	147	0.8	54	8.5	8.2	D
* 2838.0	6.3	163	0.8	56	8.7	8.1	B
* 2840.0	5.9	154	0.8	55	8.7	8.1	D
* 2842.0			0.8	54	8.6	8.2	
* 2844.0	12.4	97	0.8	53	8.4	8.3	D
* 2846.0	10.2	232	0.8	53	8.3	8.3	D
* 2848.0	15.0	213	0.8	53	8.2	8.3	D
* 2850.0	12.4	213	0.8	53	8.2	8.2	D
* 2852.0	11.0	190	0.8	54	8.3	8.3	B
* 2854.0	9.8	210	0.7	54	8.2	8.3	D
* 2856.0	13.1	234	0.7	57	8.2	8.3	D
* 2858.0			0.7	58	8.2	8.3	
* 2860.0			0.7	57	8.3	8.3	
* 2862.0	9.3	121	0.7	55	8.2	8.2	B
* 2864.0	7.1	196	0.7	56	8.2	8.2	B
* 2866.0	2.6	169	0.7	58	8.3	8.2	B
* 2868.0	2.7	212	0.8	58	8.3	8.2	B
* 2870.0			0.8	57	8.4	8.2	
* 2872.0			0.8	56	8.4	8.2	
* 2874.0			0.8	58	8.4	8.3	
* 2876.0			0.8	63	8.4	8.3	
* 2878.0	8.9	212	0.8	63	8.2	8.2	D
* 2880.0	6.4	151	0.8	57	8.1	8.2	D
* 2882.0	8.9	110	0.8	52	8.1	8.2	B
* 2884.0	9.5	87	0.8	47	8.1	8.3	A
* 2886.0	11.6	100	0.8	42	8.1	8.3	A
* 2888.0	6.8	129	0.8	47	8.1	8.4	A
* 2890.0	9.3	195	0.8	54	8.1	8.5	C
* 2892.0			0.8	56	8.1	8.5	
* 2894.0			0.8	55	8.1	8.4	
* 2896.0			0.8	54	8.3	8.3	
* 2898.0	6.9	95	0.8	54	8.4	8.3	A
* 2900.0	6.0	97	0.8	54	8.4	8.2	A
* 2902.0	7.0	186	0.8	54	8.4	8.1	A
* 2904.0	8.0	171	0.8	56	8.3	8.2	A
* 2906.0	8.0	157	0.8	58	8.2	8.2	A
* 2908.0	6.9	147	0.8	60	8.2	8.2	A
* 2910.0	5.6	128	0.8	60	8.3	8.2	A

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*****
*          *      FORMATION      *          *      BOREHOLE      *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*          *      AZI. *      AZI.   1-3   2-4 * =A *
*****
*
* 2912.0          0.8   54   8.3   8.2          *
* 2914.0          0.8   50   8.4   8.2          *
* 2916.0      6.1   196   0.8   52   8.4   8.2          A *
* 2918.0      5.9   178   0.8   51   8.3   8.3          A *
* 2920.0      5.8   192   0.8   49   8.3   8.3          A *
* 2922.0          0.7   49   8.3   8.3          *
* 2924.0          0.7   50   8.3   8.3          *
* 2926.0          0.7   50   8.3   8.3          *
* 2928.0          0.7   51   8.3   8.3          *
* 2930.0          0.6   52   8.4   8.3          *
* 2932.0          0.6   53   8.3   8.3          *
* 2934.0          0.6   57   8.3   8.3          *
* 2936.0          0.6   60   8.3   8.3          *
* 2938.0          0.6   63   8.3   8.3          *
* 2940.0          0.6   65   8.3   8.3          *
* 2942.0          0.6   63   8.3   8.3          *
* 2944.0      1.2   111   0.6   60   8.3   8.3          B *
* 2946.0      2.8   304   0.6   61   8.3   8.3          D *
* 2948.0      7.5   179   0.6   62   8.3   8.3          D *
* 2950.0     10.6   154   0.6   61   8.3   8.3          D *
* 2952.0      3.4   147   0.6   58   8.3   8.3          B *
* 2954.0      3.0   120   0.7   61   8.2   8.2          B *
* 2956.0     13.1   131   0.7   60   8.2   8.2          D *
* 2958.0      4.8   153   0.7   56   8.2   8.2          D *
* 2960.0      3.6   152   0.7   57   8.3   8.3          D *
* 2962.0      2.0   125   0.7   53   8.3   8.3          B *
* 2964.0      7.7   116   0.7   54   8.3   8.2          B *
* 2966.0          0.7   56   8.4   8.2          *
* 2968.0      7.4    85   0.7   53   8.3   8.3          D *
* 2970.0      5.7   121   0.7   52   8.3   8.4          B *
* 2972.0      5.2    90   0.7   54   8.2   8.4          B *
* 2974.0      9.5   119   0.7   51   8.2   8.3          B *
* 2976.0      3.9   114   0.7   52   8.2   8.3          D *
* 2978.0          0.7   53   8.2   8.3          *
* 2980.0          0.7   54   8.2   8.3          *
* 2982.0          0.7   55   8.3   8.4          *
* 2984.0      7.8   210   0.7   57   8.4   8.4          D *
* 2986.0      3.6   248   0.7   62   8.4   8.4          D *
* 2988.0      3.5   293   0.7   63   8.3   8.3          B *
* 2990.0      4.6   290   0.7   63   8.3   8.3          B *
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*****
*          *          FORMATION          *          BOREHOLE          *          QUAL.          *
*          *          -----          *          -----          *          INDEX          *
* DEPTH   *   DIP     DIP     *   DEV.   DEV.   DIAM   DIAM   * BEST *
*          *   *      *      *   *      *      *   *      *   *
*          *   *      *      *   *      *      *   *      *   *
*****
*
* 2992.0   2.2     133     0.7     65     8.3     8.3     B   *
* 2994.0   *      *      0.7     66     8.4     8.3     *   *
* 2996.0   *      *      0.7     65     8.4     8.3     *   *
* 2998.0   6.9     185     0.7     68     8.5     8.3     D   *
* 3000.0   6.7     173     0.8     67     8.4     8.3     D   *
* 3002.0   *      *      0.8     65     8.4     8.3     *   *
* 3004.0   *      *      0.8     67     8.4     8.3     *   *
* 3006.0   *      *      0.8     64     8.6     8.3     *   *
* 3008.0   *      *      0.9     61     10.5    7.7     *   *
* 3010.0   *      *      0.9     58     12.1    7.8     *   *
* 3012.0   *      *      0.8     56     10.4    8.3     *   *
* 3014.0   *      *      0.8     58     8.8     8.3     *   *
* 3016.0   *      *      0.8     58     8.7     8.2     *   *
* 3018.0   *      *      0.8     57     8.9     8.1     *   *
* 3020.0   *      *      0.7     56     9.1     8.1     *   *
* 3022.0   *      *      0.7     51     8.8     8.1     *   *
* 3024.0   *      *      0.7     49     8.5     8.2     *   *
* 3026.0   *      *      0.7     54     8.2     8.2     *   *
* 3028.0   *      *      0.7     56     8.2     8.2     *   *
* 3030.0   *      *      0.7     59     8.2     8.2     *   *
* 3032.0   *      *      0.7     62     8.2     8.2     *   *
* 3034.0   *      *      0.7     63     8.1     8.2     *   *
* 3036.0   *      *      0.7     63     8.1     8.3     *   *
* 3038.0   *      *      0.7     60     8.0     8.3     *   *
* 3040.0   *      *      0.6     61     8.0     8.2     *   *
* 3042.0   *      *      0.6     63     8.1     8.2     *   *
* 3044.0   *      *      0.6     61     8.2     8.3     *   *
* 3046.0   *      *      0.6     61     8.1     8.4     *   *
* 3048.0   *      *      0.6     64     8.1     8.4     *   *
* 3050.0   *      *      0.6     66     8.1     8.4     *   *
* 3052.0   *      *      0.6     65     8.1     8.4     *   *
* 3054.0   *      *      0.6     61     8.2     8.3     *   *
* 3056.0   *      *      0.6     59     8.2     8.2     *   *
* 3058.0   *      *      0.6     61     8.1     8.2     *   *
* 3060.0   *      *      0.6     68     8.1     8.1     *   *
* 3062.0   *      *      0.6     73     9.8     8.2     *   *
* 3064.0   *      *      0.6     68     10.8    8.1     *   *
* 3066.0   *      *      0.6     67     9.4     8.0     *   *
* 3068.0   *      *      0.6     73     8.6     8.1     *   *
* 3070.0   *      *      0.6     77     9.3     8.2     *
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*****
*          *      FORMATION      *          BOREHOLE          *      QUAL.      *
*          *-----*-----*-----*-----*-----*-----*      INDEX      *
* DEPTH   *   DIP     DIP     *   DEV.   DEV.   DIAM   DIAM   * BEST *
*         *         AZI.   *         AZI.   1-3   2-4   * =A   *
*****
*
* 3072.0           0.6     75           9.2     8.2           *
* 3074.0           0.6     70           8.4     8.2           *
* 3076.0    71.2    50           0.6     70           8.4     8.2           D *
* 3078.0    75.0    51           0.6     70           8.5     8.2           D *
* 3080.0    73.0    49           0.6     71           8.4     8.1           B *
* 3082.0           0.5     66           8.4     8.1           *
* 3084.0           0.5     61           8.3     8.2           *
* 3086.0           0.5     62           8.2     8.2           *
* 3088.0           0.5     60           8.4     8.2           *
* 3090.0           0.5     57           8.4     8.4           *
* 3092.0           0.6     59           8.7     8.5           *
* 3094.0           0.6     61          10.2     8.0           *
* 3096.0           0.6     63          11.9     8.2           *
* 3098.0           0.7     64          12.8     8.7           *
* 3100.0           0.7     62          11.2     8.5           *
* 3102.0           0.7     66           8.9     8.4           *
* 3104.0           0.7     78           8.4     8.6           *
* 3106.0           0.7     78           8.4     8.7           *
* 3108.0           0.7     69           8.3     8.6           *
* 3110.0           0.7     65           8.2     8.5           *
* 3112.0           0.7     62           8.1     8.5           *
* 3114.0           0.8     66           8.1     8.6           *
* 3116.0           0.8     70           8.0     8.6           *
* 3118.0           0.8     69           8.1     8.4           *
* 3120.0           0.7     68           8.1     8.4           *
* 3122.0           0.7     71           8.2     8.4           *
* 3124.0           0.7     74           8.2     8.4           *
* 3126.0           0.8     69           8.4     8.4           *
* 3128.0           0.8     65           8.4     8.5           *
* 3130.0           0.8     61           8.2     8.4           *
* 3132.0           0.8     62           8.3     8.3           *
* 3134.0           0.9     68           9.4     8.3           *
* 3136.0           1.0     64           9.3     8.4           *
* 3138.0           1.1     61           8.3     8.7           *
* 3140.0           1.1     58           8.7     10.0          *
* 3142.0           1.0     52           9.0     10.5          *
* 3144.0           0.8     54           8.6     9.1           *
* 3146.0           0.8     49           8.4     8.3           *
* 3148.0           0.8     45           8.3     8.3           *
* 3150.0           0.9     51           8.4     8.2           *
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*****
*          *          *          *          *          *          *          *
*          *  FORMATION  *          *  BOREHOLE  *          *  QUAL.  *
*          *  -----  *          *  -----  *          *  INDEX  *
*  DEPTH  *  DIP    DIP  *  DEV.  DEV.  DIAM  DIAM  *  BEST  *
*          *  *      *  *      *      *      *      *  *  =A  *
*          *  *      *  *      *      *      *      *  *
*****
*  3152.0          *      *      *      *      *      *      *      *
*  3154.0          *      *      *      *      *      *      *      *
*  3156.0          *      *      *      *      *      *      *      *
*  3158.0          *      *      *      *      *      *      *      *
*  3160.0          *      *      *      *      *      *      *      *
*  3162.0          *      *      *      *      *      *      *      *
*  3164.0          *      *      *      *      *      *      *      *
*  3166.0          *      *      *      *      *      *      *      *
*  3168.0          *      *      *      *      *      *      *      *
*  3170.0          *      *      *      *      *      *      *      *
*  3172.0          *      *      *      *      *      *      *      *
*  3174.0          *      *      *      *      *      *      *      *
*  3176.0          *      *      *      *      *      *      *      *
*  3178.0          *      *      *      *      *      *      *      *
*  3180.0          *      *      *      *      *      *      *      *
*  3182.0          *      *      *      *      *      *      *      *
*  3184.0          *      *      *      *      *      *      *      *
*  3186.0          *      *      *      *      *      *      *      *
*  3188.0          *      *      *      *      *      *      *      *
*  3190.0          *      *      *      *      *      *      *      *
*  3192.0          *      *      *      *      *      *      *      *
*  3194.0          *      *      *      *      *      *      *      *
*  3196.0          *      *      *      *      *      *      *      *
*  3198.0          *      *      *      *      *      *      *      *
*  3200.0          *      *      *      *      *      *      *      *
*  3202.0          *      *      *      *      *      *      *      *
*  3204.0          *      *      *      *      *      *      *      *
*  3206.0          *      *      *      *      *      *      *      *
*  3208.0          *      *      *      *      *      *      *      *
*  3210.0          *      *      *      *      *      *      *      *
*  3212.0          *      *      *      *      *      *      *      *
*  3214.0          *      *      *      *      *      *      *      *
*  3216.0          *      *      *      *      *      *      *      *
*  3218.0          *      *      *      *      *      *      *      *
*  3220.0          *      *      *      *      *      *      *      *
*  3222.0          *      *      *      *      *      *      *      *
*  3224.0          *      *      *      *      *      *      *      *
*  3226.0          *  11.9  *  206  *      *      *      *      *      *
*  3228.0          *   8.9  *  217  *      *      *      *      *      *
*  3230.0          *      *      *      *      *      *      *      *
*****
    
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QUINTANA PETRO.

GATH #1

PAGE 31-FILE 2

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*****
*           * FORMATION *           BOREHOLE * QUAL. *
*           *-----*-----*-----* INDEX *
* DEPTH *   DIP   DIP   * DEV.   DEV.   DIAM   DIAM * BEST *
*       *       AZI. *       AZI.   1-3   2-4 * =A  *
*****
*
* 3232.0           0.9   69           9.4   8.2           *
* 3234.0    6.1   179   0.9   68   9.5   8.1           D *
* 3236.0    2.6   95   0.9   69   9.5   8.1           D *
* 3238.0    6.4   92   0.9   68   9.4   8.2           D *
* 3240.0    8.9   68   0.9   68   9.3   8.2           B *
* 3242.0           0.9   69           9.3   8.0           *
* 3244.0    2.8   228  1.0   71   9.1   8.0           D *
* 3246.0    1.4   258  1.0   71   8.9   8.0           D *
* 3248.0    2.4   186  1.0   70   8.8   8.0           D *
* 3250.0    1.4   87   1.0   69   9.0   8.0           B *
* 3252.0    0.9   76   1.0   67   9.2   8.0           B *
* 3254.0    0.3   277  0.9   68   9.2   8.0           B *
* 3256.0    2.8   102  0.9   67   9.2   8.0           B *
* 3258.0    6.5   68   0.9   65   9.1   8.0           D *
* 3260.0           0.9   66           9.2   8.0           *
* 3262.0           0.9   65           9.3   8.0           *
* 3264.0    1.8   82   0.9   64   9.3   8.0           B *
* 3266.0    2.3   105  0.9   65   9.4   8.1           B *
* 3268.0    8.0   72   0.9   66   9.4   8.1           D *
* 3270.0    8.4   69   0.9   65   9.0   8.1           D *
* 3272.0    2.9   56   0.9   64   8.9   8.1           D *
* 3274.0           0.9   65           9.2   8.1           *
* 3276.0           0.9   67           9.4   8.1           *
* 3278.0           0.9   66           9.4   8.1           *
* 3280.0           0.9   64           9.2   8.1           *
* 3282.0           0.8   63           9.0   8.1           *
* 3284.0   66.6   47   0.8   63   8.9   8.1           B *
* 3286.0   45.2   46   0.8   64   8.7   8.1           B *
* 3288.0           0.8   67           8.8   8.1           *
* 3290.0   63.6   51   0.8   67   8.8   8.1           D *
* 3292.0           0.9   70           9.2   8.1           *
* 3294.0           0.9   74           9.4   8.1           *
* 3296.0   65.1   45   0.8   73   9.0   8.2           D *
* 3298.0           0.8   74           8.7   8.3           *
* 3300.0           0.8   73           8.5   8.2           *
* 3302.0           0.9   72           8.2   8.1           *
* 3304.0           0.9   73           8.1   8.1           *
* 3306.0           0.9   76           8.2   8.1           *
* 3310.0           0.9   71           9.0   8.1           *
* 3312.0           0.9   64           9.4   8.4           *
*****

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*****
*          *          *          *          *          *          *          *          *
*          * FORMATION *          *          *          *          *          *          *
*          *-----*          *          *          *          *          *          *
* DEPTH  *  DIP      *  DIP      *  DEV.   *  DEV.   *  DIAM   *  DIAM   *  BEST  *
*          *          *  AZI.     *          *  AZI.     *  1-3    *  2-4    *  =A    *
*****
*          *          *          *          *          *          *          *          *
* 3314.0  *          *          * 0.9    *  66     *  8.9    *  10.6   *          *
* 3318.0  *          *          * 0.8    *  61     *  9.1    *  11.5   *          *
* 3320.0  *          *          * 0.7    *  64     *  8.4    *  9.2    *          *
* 3322.0  *          *          * 0.7    *  67     *  8.1    *  8.8    *          *
* 3324.0  *          *          * 0.7    *  69     *  8.1    *  8.7    *          *
* 3326.0  *          *          * 0.7    *  67     *  8.1    *  8.7    *          *
* 3328.0  *  2.7    *  82     * 0.7    *  67     *  8.1    *  8.7    *          *
* 3330.0  *  3.8    *  141    * 0.7    *  65     *  8.1    *  8.7    *          *
* 3332.0  *          *          * 0.7    *  63     *  8.2    *  8.8    *          *
* 3334.0  *  6.3    *  223    * 0.6    *  60     *  8.2    *  9.6    *          *
* 3336.0  *          *          * 0.7    *  62     *  8.3    *  9.8    *          *
* 3338.0  *          *          * 0.7    *  66     *  8.4    *  9.2    *          *
* 3340.0  *  7.1    *  151    * 0.7    *  66     *  8.4    *  8.9    *          *
* 3342.0  *  6.6    *  180    * 0.7    *  64     *  8.3    *  8.9    *          *
* 3344.0  *  6.9    *  192    * 0.7    *  63     *  8.1    *  9.2    *          *
* 3346.0  *  3.2    *  200    * 0.7    *  62     *  8.2    *  9.1    *          *
* 3348.0  *          *          * 0.6    *  57     *  8.3    *  8.6    *          *
* 3350.0  *          *          * 0.6    *  56     *  8.2    *  8.2    *          *
* 3352.0  *          *          * 0.6    *  56     *  8.1    *  8.2    *          *
* 3354.0  * 13.3    *  86     * 0.6    *  53     *  8.1    *  8.3    *          *
* 3356.0  *          *          * 0.6    *  52     *  8.2    *  8.3    *          *
* 3358.0  * 13.4    *  81     * 0.6    *  53     *  8.2    *  8.3    *          *
* 3360.0  * 27.3    * 126    * 0.6    *  57     *  8.2    *  8.3    *          *
* 3362.0  * 26.0    * 131    * 0.6    *  60     *  8.1    *  8.5    *          *
* 3364.0  * 34.5    * 139    * 0.6    *  57     *  8.1    *  8.8    *          *
* 3366.0  * 13.6    *  89     * 0.6    *  57     *  8.1    *  9.0    *          *
* 3368.0  *  6.9    * 177    * 0.6    *  57     *  8.1    * 10.0    *          *
* 3370.0  * 11.7    * 213    * 0.6    *  55     *  8.2    * 10.6    *          *
* 3372.0  *  5.9    * 185    * 0.5    *  52     *  8.2    *  9.8    *          *
* 3374.0  *  5.9    * 188    * 0.5    *  49     *  8.2    *  8.9    *          *
* 3376.0  *  4.0    * 199    * 0.5    *  48     *  8.2    *  8.9    *          *
* 3378.0  * 52.5    *  72     * 0.5    *  49     *  8.2    *  9.8    *          *
* 3380.0  * 47.9    *  74     * 0.5    *  50     *  8.2    * 10.4    *          *
* 3382.0  *          *          * 0.4    *  47     *  8.1    * 10.1    *          *
* 3384.0  *          *          * 0.4    *  50     *  8.0    * 10.0    *          *
* 3386.0  *  3.5    *  94     * 0.5    *  51     *  8.1    * 10.5    *          *
* 3388.0  *          *          * 0.5    *  47     *  8.2    * 10.9    *          *
* 3390.0  *          *          * 0.5    *  38     *  8.3    * 10.9    *          *
* 3392.0  *          *          * 0.6    *  38     *  8.2    * 11.6    *          *
* 3394.0  *          *          * 0.5    *  47     *  8.3    * 12.6    *          *
*****
    
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*****
*          *      FORMATION      *          BOREHOLE          * QUAL. *
*          *-----*-----*          *          * INDEX *
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*          *       AZI. *       AZI.   1-3   2-4 * =A   *
*****
*          *          *          *          *          *          *          *
* 3396.0   59.6   216   0.5   51   8.3   12.9   D   *
* 3398.0   59.5   214   0.5   56   8.2   13.1   B   *
* 3400.0           0.5   54   8.2   13.0   *
* 3402.0           0.5   49   8.2   13.1   *
* 3404.0           0.5   49   8.2   13.7   *
* 3406.0   55.4   214   0.5   50   8.2   13.8   D   *
* 3408.0           0.5   48   8.2   13.5   *
* 3410.0           0.5   44   8.2   13.0   *
* 3412.0           0.5   44   8.2   12.3   *
* 3414.0           0.5   47   8.2   11.7   *
* 3416.0           0.5   47   8.2   11.6   *
* 3418.0           0.5   45   8.3   11.5   *
* 3420.0           0.5   46   8.3   11.6   *
* 3422.0           0.4   43   8.2   11.2   *
* 3424.0           0.4   40   8.1   10.8   *
* 3426.0           0.4   39   8.1   10.4   *
* 3428.0           0.4   42   8.2   9.8    *
* 3430.0           0.4   42   8.2   9.6    *
* 3432.0           0.4   41   8.2   10.0   *
* 3434.0           0.4   39   8.3   9.9    *
* 3436.0           0.4   36   8.2   9.5    *
* 3438.0           0.4   36   8.1   9.4    *
* 3440.0   70.4   18   0.4   36   8.1   9.5    D   *
* 3442.0   69.4   20   0.4   36   8.2   9.7    B   *
* 3444.0           0.4   33   8.1   9.6    *
* 3446.0           0.4   31   8.2   9.1    *
* 3448.0           0.4   29   8.2   8.9    *
* 3450.0           0.4   29   8.1   9.1    *
* 3452.0           0.4   32   8.1   9.1    *
* 3454.0           0.4   28   8.2   9.0    *
* 3456.0           0.4   27   8.3   9.1    *
* 3458.0           0.4   29   8.3   9.2    *
* 3460.0           0.4   29   8.2   9.2    *
* 3462.0           0.4   29   8.2   9.3    *
* 3464.0           0.4   30   8.3   9.3    *
* 3466.0           0.4   29   8.3   9.2    *
* 3468.0           0.4   28   8.3   9.2    *
* 3470.0           0.4   29   8.3   9.3    *
* 3472.0           0.4   29   8.2   9.3    *
* 3474.0           0.4   29   8.3   9.5    *
*****

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FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A

3476.0			0.4	32	8.4	9.7	
3478.0			0.4	33	8.4	9.5	
3480.0			0.4	35	8.4	9.4	
3482.0			0.4	34	8.5	9.6	
3484.0			0.4	32	8.5	9.4	
3486.0			0.4	33	8.5	9.2	
3488.0			0.4	35	8.6	9.1	
3490.0			0.5	32	8.5	9.3	
3492.0			0.5	31	8.5	9.5	
3494.0			0.5	36	8.4	9.4	
3496.0			0.5	32	8.5	9.3	
3498.0			0.5	22	8.6	9.3	
3500.0			0.5	23	8.7	9.1	
3502.0			0.5	26	8.8	9.0	
3504.0			0.5	26	8.8	9.1	
3506.0			0.5	26	8.8	9.4	
3508.0			0.5	24	8.9	9.5	
3510.0			0.4	20	8.9	9.4	
3512.0			0.4	20	8.8	9.4	
3514.0	76.7	18	0.4	26	8.6	9.2	D
3516.0			0.4	28	8.4	8.9	
3518.0	72.7	15	0.4	23	8.3	8.5	D
3520.0			0.5	23	8.5	8.8	
3522.0			0.4	25	9.0	10.6	
3524.0			0.4	27	9.1	11.3	
3526.0			0.5	19	8.8	11.3	
3528.0	70.6	278	0.5	16	8.7	10.9	D
3532.0			0.6	17	9.5	8.8	
3534.0			0.6	21	9.8	9.1	
3536.0			0.6	21	10.7	9.3	
3538.0			0.6	32	11.4	9.4	
3540.0			0.6	69	11.3	10.1	
3542.0			0.6	59	11.0	9.2	
3546.0	71.0	279	0.7	6	11.7	9.2	D
3548.0			0.6	338	14.2	12.2	
3550.0			0.5	348	15.3	16.5	
3552.0			0.6	19	13.6	18.4	
3554.0			0.7	17	11.9	16.8	
3556.0			0.7	355	11.4	15.9	
3558.0			0.7	338	11.9	15.2	

 * * FORMATION * BOREHOLE * QUAL. *
 * *-----*-----* INDEX *
 * DEPTH * DIP DIP * DEV. DEV. DIAM DIAM * BEST *
 * * * AZI. * AZI. 1-3 2-4 * =A *

DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A
3560.0			0.6	338	11.7	13.3	
3562.0			0.5	344	10.6	11.6	
3564.0			0.4	4	9.8	11.4	
3566.0			0.5	18	9.5	12.3	
3568.0			0.4	8	9.2	11.1	
3570.0			0.3	2	8.6	9.5	
3572.0	78.3	308	0.3	360	8.4	9.7	D
3574.0	79.3	313	0.3	357	8.7	10.6	B
3576.0			0.3	358	8.7	10.5	
3578.0			0.3	356	8.6	9.7	
3580.0			0.4	357	8.6	10.0	
3582.0			0.4	358	8.7	10.6	
3584.0			0.3	5	8.3	11.2	
3586.0			0.3	10	8.4	12.5	
3588.0			0.4	3	9.1	13.3	
3590.0			0.4	356	9.1	12.8	
3592.0			0.4	353	8.7	12.5	
3594.0			0.4	352	8.3	12.4	
3596.0			0.4	350	8.3	11.2	
3598.0			0.4	352	8.5	9.7	
3600.0			0.3	353	8.4	8.9	
3602.0			0.3	352	8.4	8.8	
3604.0			0.3	350	8.3	8.7	
3606.0			0.3	347	8.1	8.4	
3608.0			0.3	348	8.1	8.4	
3610.0			0.3	349	8.1	8.5	
3612.0			0.3	350	8.2	8.5	
3614.0			0.3	351	8.2	8.5	
3616.0			0.3	351	8.2	8.5	
3618.0			0.3	349	8.2	8.7	
3620.0			0.3	350	8.2	8.7	
3622.0			0.3	353	8.1	8.7	
3624.0			0.3	352	8.1	8.9	
3626.0			0.2	350	8.3	8.9	
3628.0			0.2	349	8.2	8.7	
3630.0			0.2	347	8.1	8.4	
3632.0	65.9	62	0.2	350	8.1	8.3	D
3634.0	70.0	57	0.2	350	8.1	8.4	B
3636.0	69.3	56	0.2	346	8.3	8.4	D
3638.0			0.1	348	8.4	8.1	

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*****
*          *      FORMATION      *          BOREHOLE          * QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----* INDEX *
* DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST  *
*          *       AZI. *       AZI.   1-3   2-4 *  =A   *
*****
```

DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A	INDEX
3640.0			0.1	350	8.5	8.0		
3642.0			0.2	350	9.0	7.9		
3644.0			0.2	349	9.2	7.9		
3646.0			0.3	345	9.0	7.9		
3648.0			0.3	344	8.8	8.0		
3650.0			0.2	343	8.8	8.0		
3652.0			0.2	345	8.7	8.2		
3654.0			0.1	343	8.6	8.1		
3656.0			0.0	0	8.6	8.0		
3658.0			0.0	0	8.6	8.0		
3660.0			0.0	0	8.3	7.7		
3662.0			0.0	0	7.3	6.9		
3664.0			0.0	0	6.8	6.4		
3666.0			0.0	0	6.8	6.4		
3668.0			0.0	0	6.8	6.4		
3670.0			0.0	0	6.8	6.4		
3672.0			0.0	0	6.8	6.4		
3674.0	68.5	343	0.2	332	6.8	6.4	D	
3676.0			0.4	329	6.8	6.4		
3678.0	65.6	345	0.5	334	7.8	6.9	D	
3680.0	0.5	236	0.5	328	8.9	7.4	H	
3682.0	65.4	336	0.5	329	9.4	7.6	D	
3684.0			0.5	332	9.8	7.7		
3686.0			0.5	332	10.0	7.8		
3688.0	13.2	59	0.5	339	10.2	8.1	B	
3690.0			0.5	342	9.8	8.4		
3692.0			0.5	341	9.3	8.2		
3694.0			0.5	344	9.2	8.1		
3696.0			0.5	345	9.0	8.1		
3698.0			0.5	346	9.1	8.1		
3700.0			0.5	345	9.2	8.1		
3702.0			0.6	344	9.3	8.1		
3704.0			0.5	342	9.8	8.3		
3706.0			0.6	346	11.0	8.3		
3708.0			0.6	345	11.0	8.1		
3710.0			0.6	345	9.5	8.0		
3712.0			0.7	347	8.6	8.1		
3714.0			0.7	345	8.5	8.1		
3716.0			0.7	341	8.6	8.1		
3718.0			0.7	337	8.5	8.1		

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*****
*          *      FORMATION      *          BOREHOLE          * QUAL. *
*          *-----*-----*          *          * INDEX *
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST *
*          *       AZI. *       AZI.   1-3   2-4   * =A   *
*****
*
* 3720.0          0.7   335          8.9   8.2          *
* 3722.0          0.7   335          8.7   8.1          *
* 3724.0          0.8   336          8.2   7.9          *
* 3726.0          0.8   337          8.3   7.9          *
* 3728.0          0.8   338          8.3   8.0          *
* 3730.0          0.8   339          8.1   8.1          *
* 3732.0          0.8   338          8.0   8.1          *
* 3734.0          0.8   338          8.0   8.1          *
* 3736.0          0.8   340          7.9   8.4          *
* 3738.0          0.8   340          8.0   8.5          *
* 3740.0          0.8   338          8.1   8.3          *
* 3742.0          0.8   338          8.1   8.2          *
* 3744.0          0.8   335          8.1   8.0          *
* 3746.0          0.8   333          8.0   8.0          *
* 3748.0          0.8   332          8.0   8.1          *
* 3750.0          0.8   330          8.1   8.1          *
* 3752.0          0.8   329          8.4   8.1          *
* 3754.0          0.8   328          8.8   8.1          *
* 3756.0          0.8   326          9.0   8.1          *
* 3758.0          0.8   328          9.0   8.1          *
* 3760.0          0.8   333          9.1   8.2          *
* 3762.0          0.8   342          9.2   8.1          *
* 3764.0          0.8   345          9.3   8.1          *
* 3766.0          0.8   344          9.6   8.1          *
* 3768.0          0.8   345          9.5   8.0          *
* 3770.0          0.8   343          9.6   8.0          *
* 3772.0          0.9   342          9.9   8.0          *
* 3774.0          0.9   344          9.8   8.0          *
* 3776.0          0.9   343          9.5   8.1          *
* 3778.0          0.9   336          9.2   8.1          *
* 3780.0          0.9   332          9.3   8.1          *
* 3782.0          0.8   332          9.8   8.2          *
* 3784.0          0.9   336          9.9   8.0          *
* 3786.0          0.9   340          10.3  7.9          *
* 3788.0          0.9   338          10.7  7.8          *
* 3790.0          0.9   339          10.3  7.8          *
* 3792.0          0.9   342          10.8  7.9          *
* 3794.0          1.0   339          12.0  7.9          *
* 3796.0          0.9   337          12.0  7.8          *
* 3798.0          0.9   337          11.7  7.8          *
*****

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*****
*          *      FORMATION      *          *      BOREHOLE      *      QUAL. *
*          *-----*-----*          *-----*      INDEX *
*  DEPTH  *  DIP    DIP    *  DEV.   DEV.   DIAM   DIAM  *  BEST  *
*          *      AZI.  *      AZI.   1-3   2-4  *  =A   *
*****
*
* 3800.0          0.9    339    11.2    7.9          *
* 3802.0          0.9    341    9.9     8.1          *
* 3804.0          1.0    343    9.1     8.0          *
* 3806.0          1.0    345    8.9     8.0          *
* 3808.0          1.0    344    8.8     8.0          *
* 3810.0          1.0    340    9.0     8.0          *
* 3812.0          1.0    338    8.9     8.2          *
* 3814.0          1.0    338    8.6     8.3          *
* 3816.0          1.0    338    8.7     8.2          *
* 3818.0          0.9    334    8.7     8.2          *
* 3820.0          0.9    327    8.6     8.1          *
* 3822.0          0.9    323    8.7     8.1          *
* 3824.0          0.9    323    9.0     8.4          *
* 3826.0          0.9    323    9.5     8.5          *
* 3828.0          0.9    325    8.8     8.2          *
* 3830.0          0.9    326    7.9     8.2          *
* 3832.0          1.0    326    8.1     8.3          *
* 3834.0          1.0    327    8.1     8.2          *
* 3836.0          1.0    327    8.2     8.2          *
* 3838.0          1.0    325    8.2     8.2          *
* 3840.0          1.0    323    8.2     8.2          *
* 3842.0          1.0    323    8.1     8.3          *
* 3844.0          1.0    320    8.1     8.3          *
* 3846.0          1.1    320    8.2     8.3          *
* 3848.0          1.1    323    8.2     8.1          *
* 3850.0          1.1    328    8.3     8.0          *
* 3852.0          1.1    335    8.3     8.0          *
* 3854.0          1.1    341    8.3     8.0          *
* 3856.0          1.1    338    8.2     8.0          *
* 3858.0          1.1    334    8.3     8.1          *
* 3860.0          1.1    340    8.5     8.0          *
* 3862.0          1.2    331    8.6     7.9          *
* 3864.0          1.2    320    8.4     8.0          *
* 3866.0          1.2    321    8.3     8.1          *
* 3868.0          1.2    321    8.3     8.1          *
* 3870.0          1.3    322    8.3     8.1          *
* 3872.0          1.3    322    8.2     8.2          *
* 3874.0          1.3    323    8.2     8.2          *
* 3876.0          1.3    324    8.1     8.2          *
* 3878.0          1.3    320    8.1     8.2          *
*****

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 * FORMATION * BOREHOLE * QUAL. *
 * -----*
 * DEPTH * DIP DIP * DEV. DEV. DIAM DIAM * BEST *
 * * * AZI. * AZI. 1-3 2-4 * =A *

DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A
3880.0			1.3	320	8.1	8.2	
3882.0			1.3	323	8.1	8.1	
3884.0			1.3	323	8.2	8.2	
3886.0			1.3	324	8.1	8.1	
3888.0			1.3	323	8.2	8.1	
3890.0			1.3	321	8.2	8.1	
3892.0			1.3	321	8.2	8.1	
3894.0			1.3	321	8.2	8.1	
3896.0			1.2	321	8.1	8.1	
3898.0			1.2	321	8.1	8.1	
3900.0			1.2	320	8.1	8.1	
3902.0			1.2	320	8.2	8.1	
3904.0			1.2	321	8.2	8.1	
3906.0			1.2	324	8.3	8.1	
3908.0			1.2	327	8.5	8.1	
3910.0			1.2	327	9.6	8.1	
3912.0			1.3	330	10.8	8.1	
3914.0			1.3	333	11.0	8.2	
3916.0	13.5	183	1.3	330	10.3	8.2	D
3918.0			1.3	324	10.0	7.9	
3920.0	9.8	158	1.3	326	9.9	7.8	D
3922.0			1.3	329	9.7	8.1	
3924.0	5.7	180	1.3	327	9.9	8.1	D
3926.0	7.1	200	1.3	326	11.2	8.2	D
3928.0			1.3	327	11.0	8.1	
3930.0			1.3	324	10.3	8.1	
3932.0			1.4	320	10.7	8.1	
3934.0			1.4	326	10.6	8.0	
3936.0			1.4	331	10.7	8.1	
3938.0			1.4	327	11.0	8.2	
3940.0	17.8	161	1.4	324	10.7	8.1	B
3942.0	17.6	164	1.4	327	10.4	7.9	B
3944.0	13.4	180	1.5	329	10.0	7.9	D
3946.0			1.5	327	10.4	7.9	
3948.0			1.6	325	11.0	8.0	
3950.0	19.1	183	1.7	328	10.9	8.1	D
3952.0	16.8	183	1.7	323	10.8	8.1	D
3954.0	9.1	180	1.5	319	11.1	8.1	D
3956.0	9.4	168	1.4	325	11.7	8.0	D
3958.0	14.8	166	1.4	325	11.6	8.0	D




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*****
*          *      FORMATION      *          BOREHOLE          * QUAL. *
*          *-----*-----*          *          * INDEX *
* DEPTH  *  DIP    DIP    *  DEV.  DEV.  DIAM  DIAM * BEST *
*          *      AZI.  *      AZI.  1-3  2-4 *  =A  *
*****
*
* 3960.0          1.5    329    11.7    7.8          *
* 3962.0          1.5    332    11.7    7.7          *
* 3964.0    17.0    178    1.5    329    11.5    7.9    B    *
* 3966.0          1.5    330    11.5    8.0          *
* 3968.0    17.3    175    1.5    330    11.5    8.0    D    *
* 3970.0          1.6    335    11.6    8.0          *
* 3972.0          1.6    339    10.5    8.0          *
* 3974.0          1.7    337    10.1    8.0          *
* 3976.0          1.7    332    10.9    7.7          *
* 3978.0          1.7    329    10.5    7.8          *
* 3980.0    18.6    152    1.6    332    9.6    8.2    D    *
* 3982.0          1.7    336    9.5    8.0          *
* 3984.0          1.7    331    10.3    7.8          *
* 3986.0    16.7    159    1.7    326    10.4    7.8    D    *
* 3988.0    19.0    151    1.7    327    9.4    8.0    D    *
* 3990.0    17.1    133    1.7    330    9.6    8.2    D    *
* 3992.0          1.7    333    10.2    8.3          *
* 3994.0    19.5    183    1.7    334    9.5    8.3    B    *
* 3996.0    21.5    185    1.7    335    8.9    8.2    D    *
* 3998.0          1.7    334    8.6    8.0          *
* 4000.0          1.7    333    8.5    8.0          *
* 4002.0          1.7    326    8.4    8.0          *
* 4004.0          1.7    324    8.3    8.0          *
* 4006.0          1.7    329    8.5    8.1          *
* 4008.0          1.7    329    8.7    8.2          *
* 4010.0          1.7    328    8.7    8.2          *
* 4012.0          1.7    327    8.8    8.3          *
* 4014.0    14.3    191    1.7    327    8.8    8.3    D    *
* 4016.0          1.8    327    8.8    8.2          *
* 4018.0    14.6    185    1.8    327    8.8    8.3    B    *
* 4020.0    15.1    185    1.7    328    8.7    8.3    B    *
* 4022.0          1.8    330    8.8    8.2          *
* 4024.0          1.8    332    8.9    8.2          *
* 4026.0    16.4    179    1.8    331    8.8    8.2    D    *
* 4028.0    15.3    182    1.7    329    8.8    8.2    D    *
* 4030.0    12.0    108    1.7    330    8.6    8.2    B    *
* 4032.0    12.8    106    1.7    331    8.4    8.1    C    *
* 4034.0          1.8    330    8.3    8.0          *
* 4036.0    19.0    167    1.8    331    8.4    8.0    C    *
* 4038.0    22.1    175    1.8    332    9.0    8.2    A    *
*****

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QUINTANA PETRO.

GATH #1

PAGE 41-FILE 2

* FORMATION *			* BOREHOLE *				* QUAL. *		

* DEPTH *	* DIP *	* DIP *	* DEV. *	* DEV. *	* DIAM *	* DIAM *	* BEST *	* INDEX *	
* * *	* * *	* AZI. *	* * *	* AZI. *	* 1-3 *	* 2-4 *	* =A *	* * *	

* 4040.0	26.6	162	1.8	332	9.2	8.2	C	*	
* 4042.0	20.5	174	1.8	333	9.0	8.1	C	*	
* 4044.0	15.7	146	1.8	332	8.9	8.1	A	*	
* 4046.0	14.9	147	1.8	329	8.8	8.1	A	*	
* 4048.0	17.9	164	1.8	329	8.6	8.1	C	*	
* 4050.0	15.8	161	1.8	328	8.4	8.0	A	*	
* 4052.0	12.4	175	1.8	330	8.4	7.9	D	*	
* 4054.0	11.6	162	1.8	332	8.7	8.0	D	*	
* 4056.0	11.1	156	1.8	330	8.5	7.9	D	*	
* 4058.0			1.9	326	8.1	7.8		*	
* 4060.0			1.8	325	7.9	7.8		*	
* 4062.0			1.8	325	7.9	7.8		*	
* 4064.0			1.8	324	8.1	7.9		*	
* 4066.0	10.2	165	1.8	319	8.7	8.0	B	*	
* 4068.0	11.2	165	1.8	316	8.8	8.1	B	*	
* 4070.0	9.2	154	1.9	316	8.4	8.1	B	*	
* 4072.0	20.6	132	1.9	317	8.1	8.2	D	*	
* 4074.0			1.9	323	8.1	8.6		*	
* 4076.0			1.9	328	8.1	8.9		*	
* 4078.0			1.9	330	8.3	9.1		*	
* 4080.0			1.9	324	8.4	9.1		*	
* 4082.0			1.9	316	8.3	8.6		*	
* 4084.0	12.0	127	1.9	313	8.2	8.4	B	*	
* 4086.0	11.6	129	1.9	317	7.9	8.3	B	*	
* 4088.0			2.0	323	7.9	8.2		*	
* 4090.0	8.7	143	2.0	323	7.9	8.1	D	*	
* 4092.0	8.5	135	2.0	324	7.9	8.0	B	*	
* 4094.0	2.2	96	2.0	322	7.9	8.0	D	*	
* 4096.0	7.0	240	2.0	317	7.9	8.1	D	*	
* 4098.0	4.5	155	2.0	314	7.9	8.0	B	*	
* 4100.0	5.0	38	2.0	319	7.9	8.0	D	*	
* 4102.0			2.0	327	7.9	8.0		*	
* 4104.0			2.1	325	7.9	7.8		*	
* 4106.0			2.1	320	8.0	7.9		*	
* 4108.0			2.1	319	8.1	7.9		*	
* 4110.0			2.1	319	8.1	8.0		*	
* 4112.0			2.1	318	8.2	7.9		*	
* 4114.0			2.1	315	8.2	7.8		*	
* 4116.0			2.1	315	8.0	7.8		*	
* 4118.0	4.2	94	2.1	319	7.8	7.8	D	*	

***** FORMATION *****				***** BOREHOLE *****				***** QUAL. *****	
***** INDEX *****				***** BEST *****				***** =A *****	
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST	=A	INDEX
* 4120.0	77.1	103	2.2	322	7.8	7.7	B		*
* 4122.0			2.2	328	7.7	7.8			*
* 4124.0	17.1	209	2.2	334	7.6	8.0	D		*
* 4126.0	17.1	204	2.1	338	7.9	8.2	B		*
* 4128.0	8.4	179	2.1	335	8.0	8.3	B		*
* 4130.0	7.2	174	2.1	333	8.0	8.3	B		*
* 4132.0			2.1	334	7.8	8.0			*
* 4134.0			2.0	332	7.8	7.9			*
* 4136.0	13.4	146	2.0	331	8.0	8.1	D		*
* 4138.0			2.0	329	8.1	8.2			*
* 4140.0			1.9	323	8.0	8.0			*
* 4142.0			1.9	315	8.0	7.9			*
* 4144.0			1.9	316	8.0	7.9			*
* 4146.0			2.0	320	8.0	7.9			*
* 4148.0	17.1	157	2.0	321	8.2	7.9	D		*
* 4150.0	17.7	160	2.0	321	8.2	7.9	B		*
* 4152.0	17.0	159	2.0	321	8.2	7.8	B		*
* 4154.0	12.0	162	2.0	316	8.0	7.7	D		*
* 4156.0			2.0	309	8.1	7.8			*
* 4158.0			2.0	308	8.2	7.9			*
* 4160.0			2.0	314	8.1	8.0			*
* 4162.0			2.0	319	7.9	8.0			*
* 4164.0			2.0	319	8.0	8.1			*
* 4166.0	13.9	168	2.0	322	8.0	8.2	B		*
* 4168.0	14.2	163	2.0	319	8.0	8.3	B		*
* 4170.0			2.0	318	8.0	8.6			*
* 4172.0			2.0	317	8.0	8.7			*
* 4174.0			2.0	319	8.0	8.8			*
* 4176.0			2.0	323	8.0	8.7			*
* 4178.0			2.1	324	8.1	8.6			*
* 4180.0	35.0	59	2.1	323	8.1	8.5	B		*
* 4182.0	31.0	60	2.1	323	8.2	8.4	D		*
* 4184.0			2.1	326	8.2	8.5			*
* 4186.0			2.1	327	8.2	8.7			*
* 4188.0			2.1	329	8.1	8.8			*
* 4190.0			2.1	329	8.0	8.7			*
* 4192.0			2.0	328	8.0	8.7			*
* 4194.0			2.0	325	8.0	8.7			*
* 4196.0			2.0	323	8.1	8.8			*
* 4198.0			2.0	323	8.1	9.0			*

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*****
*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          *-----*          *-----*          * INDEX *
* DEPTH *  DIP    DIP *  DEV.  DEV.  DIAM  DIAM * BEST *
*          *      AZI. *      AZI.  1-3   2-4 * =A  *
*****
*
* 4200.0          *          * 2.1   321   8.0   8.9          *
* 4202.0          *          * 2.1   321   8.0   8.7          *
* 4204.0          *          * 2.1   321   8.0   8.7          *
* 4206.0          *          * 2.1   320   8.1   8.8          *
* 4208.0          *          * 2.1   324   8.1   8.8          *
* 4210.0          *          * 2.1   323   8.2   8.7          *
* 4212.0    8.3    196    * 2.2   321   8.2   8.5          D *
* 4214.0   10.5    179    * 2.1   323   8.1   8.6          B *
* 4216.0          *          * 2.1   324   8.0   8.6          *
* 4218.0   15.7    191    * 2.1   322   8.0   8.5          B *
* 4220.0   12.3    194    * 2.1   318   8.0   8.4          B *
* 4222.0    4.5    119    * 2.1   314   8.1   8.4          D *
* 4224.0   13.5    182    * 2.1   313   8.1   8.2          B *
* 4226.0   14.6    178    * 2.2   316   8.1   8.0          B *
* 4228.0   11.7    173    * 2.2   321   8.0   8.0          D *
* 4230.0    9.8    138    * 2.2   319   8.1   8.0          D *
* 4232.0   12.5    169    * 2.2   317   8.0   7.9          A *
* 4234.0   14.2    169    * 2.2   320   8.0   7.8          A *
* 4236.0   14.3    165    * 2.2   317   8.0   7.8          A *
* 4238.0   13.3    160    * 2.2   313   8.2   8.0          A *
* 4240.0          *          * 2.2   313   8.3   8.1          *
* 4242.0          *          * 2.2   314   8.4   8.0          *
* 4244.0          *          * 2.3   315   8.3   8.0          *
* 4246.0          *          * 2.3   319   8.0   7.8          *
* 4248.0          *          * 2.2   326   8.0   7.9          *
* 4250.0          *          * 2.2   328   8.0   8.0          *
* 4252.0          *          * 2.2   330   8.0   8.1          *
* 4254.0   11.1    168    * 2.2   334   8.0   8.2          B *
* 4256.0   13.3    168    * 2.2   332   8.1   8.3          D *
* 4258.0          *          * 2.2   326   8.0   8.3          *
* 4260.0          *          * 2.2   328   8.0   8.3          *
* 4262.0          *          * 2.2   337   8.0   8.4          *
* 4264.0          *          * 2.2   341   8.1   8.7          *
* 4266.0          *          * 2.1   340   8.0   8.9          *
* 4268.0          *          * 2.1   338   8.1   8.8          *
* 4270.0          *          * 2.1   337   8.1   9.0          *
* 4272.0          *          * 2.1   331   8.1   8.9          *
* 4274.0          *          * 2.1   325   8.1   8.3          *
* 4276.0          *          * 2.0   328   8.1   8.0          *
* 4278.0          *          * 2.0   330   8.3   8.0          *
*****

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FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A

* 4280.0	23.4	157	2.0	327	8.5	8.2	D
* 4282.0	1.9	236	2.0	328	8.8	8.4	D
* 4284.0	11.3	176	2.0	330	8.9	8.4	D
* 4286.0	13.1	187	2.0	330	8.8	8.3	D
* 4288.0	13.2	168	2.0	327	8.7	8.3	B
* 4290.0	14.5	158	2.0	323	8.4	8.2	B
* 4292.0			2.0	321	8.1	8.0	
* 4294.0	56.6	280	2.0	318	8.0	7.8	B
* 4296.0	8.8	172	2.0	319	7.9	7.8	B
* 4298.0	7.5	181	2.0	321	7.9	7.8	B
* 4300.0			2.1	323	8.0	7.9	
* 4302.0			2.1	325	8.1	8.0	
* 4304.0			2.0	326	8.1	8.2	
* 4306.0			2.1	328	8.1	8.3	
* 4308.0			2.0	330	8.1	8.4	
* 4310.0			2.0	327	8.1	8.5	
* 4312.0	56.1	224	2.0	325	8.1	8.4	D
* 4314.0	60.4	217	2.0	327	8.0	8.1	D
* 4316.0	60.8	218	2.0	327	8.0	8.1	B
* 4318.0	57.0	216	2.1	327	8.1	8.2	B
* 4320.0			2.1	328	8.2	8.2	
* 4322.0			2.1	324	8.2	8.2	
* 4324.0			2.1	321	8.2	8.1	
* 4326.0			2.1	313	8.3	8.0	
* 4328.0			2.2	310	8.2	8.1	
* 4330.0			2.2	317	8.0	7.9	
* 4332.0	46.2	134	2.2	321	7.9	7.7	B
* 4334.0	44.9	131	2.2	327	8.3	7.9	D
* 4336.0			2.2	329	8.7	8.1	
* 4338.0			2.2	328	8.9	8.1	
* 4340.0	10.1	165	2.2	323	8.8	8.0	D
* 4342.0			2.2	318	8.3	7.9	
* 4344.0			2.2	322	8.1	8.0	
* 4346.0			2.2	327	8.1	8.1	
* 4348.0	10.5	145	2.2	328	8.1	8.2	D
* 4350.0			2.2	330	8.1	8.2	
* 4352.0			2.2	332	8.0	8.2	
* 4354.0			2.3	332	8.0	8.1	
* 4356.0	11.5	148	2.3	331	8.1	8.1	B
* 4358.0	10.8	144	2.3	334	8.2	8.2	B



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*****
*          *          *          *          *          *          *          *
*          *  FORMATION  *          *  BOREHOLE  *          *  QUAL.  *
*          *-----*-----*          *-----*-----*  INDEX  *
*  DEPTH  *  DIP    DIP  *  DEV.  DEV.  DIAM  DIAM  *  BEST  *
*          *  AZI.  *  *  AZI.  1-3  2-4  *  =A  *
*****
*
*  4360.0          *          *          *          *          *          *
*  4362.0  22.3    168  *  2.3  336  8.2  8.3          *          *
*  4364.0  12.4    174  *  2.3  336  8.2  8.3          *          *
*  4366.0  14.1    202  *  2.3  339  8.2  8.4          *          *
*  4368.0  15.8    200  *  2.3  340  8.2  8.5          *          *
*  4370.0          *          *          *          *          *          *
*  4372.0          *          *          *          *          *          *
*  4374.0  10.4    176  *  2.3  337  8.1  8.7          *          *
*  4376.0  11.8    221  *  2.3  338  8.1  8.7          *          *
*  4378.0  16.3    201  *  2.3  340  8.0  9.2          *          *
*  4380.0          *          *          *          *          *          *
*  4382.0          *          *          *          *          *          *
*  4384.0          *          *          *          *          *          *
*  4386.0          *          *          *          *          *          *
*  4388.0          *          *          *          *          *          *
*  4390.0          *          *          *          *          *          *
*  4392.0          *          *          *          *          *          *
*  4394.0          *          *          *          *          *          *
*  4396.0          *          *          *          *          *          *
*  4398.0          *          *          *          *          *          *
*  4400.0  11.1    149  *  2.5  337  8.0  9.1          *          *
*  4402.0  11.2    172  *  2.4  332  8.1  8.6          *          *
*  4404.0          *          *          *          *          *          *
*  4406.0          *          *          *          *          *          *
*  4408.0          *          *          *          *          *          *
*  4410.0          *          *          *          *          *          *
*  4412.0  9.5     159  *  2.3  330  8.2  8.4          *          *
*  4414.0  7.5     165  *  2.3  329  8.2  8.3          *          *
*  4416.0  6.8     177  *  2.3  333  8.0  8.0          *          *
*  4418.0  8.7     204  *  2.3  330  7.9  7.8          *          *
*  4420.0          *          *          *          *          *          *
*  4422.0          *          *          *          *          *          *
*  4424.0          *          *          *          *          *          *
*  4426.0          *          *          *          *          *          *
*  4428.0          *          *          *          *          *          *
*  4430.0  63.9    284  *  2.2  323  7.9  7.7          *          *
*  4432.0          *          *          *          *          *          *
*  4434.0          *          *          *          *          *          *
*  4436.0          *          *          *          *          *          *
*  4438.0          *          *          *          *          *          *
*****

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FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	=A

* 4440.0			2.2	318	8.1	8.1		*
* 4442.0			2.2	318	8.1	8.3		*
* 4444.0			2.2	319	8.1	8.4		*
* 4446.0			2.2	321	8.1	8.6		*
* 4448.0			2.2	320	8.0	8.7		*
* 4450.0			2.2	322	8.1	8.6		*
* 4452.0			2.2	326	8.1	8.6		*
* 4454.0			2.2	325	8.1	9.0		*
* 4456.0			2.2	325	8.1	8.7		*
* 4458.0			2.2	324	8.1	8.3		*
* 4460.0	59.3	213	2.2	319	8.1	8.6	D	*
* 4462.0	44.0	255	2.2	319	8.1	9.1	D	*
* 4464.0			2.2	322	8.1	9.2		*
* 4466.0			2.2	322	8.1	9.2		*
* 4468.0	62.1	216	2.3	322	8.1	9.1	D	*
* 4470.0			2.3	319	8.1	8.8		*
* 4472.0			2.3	315	8.1	8.7		*
* 4474.0	12.2	175	2.3	325	8.2	8.4	D	*
* 4476.0	14.8	180	2.3	334	8.3	8.2	D	*
* 4478.0			2.4	325	8.3	8.2		*
* 4480.0			2.4	319	8.3	8.1		*
* 4482.0	64.7	70	2.4	321	8.3	8.1	D	*
* 4484.0			2.4	322	8.3	8.1		*
* 4486.0	57.9	69	2.4	322	8.2	8.1	D	*
* 4488.0	60.7	60	2.4	322	8.2	8.1	D	*
* 4490.0	63.5	64	2.4	324	8.3	8.0	D	*
* 4492.0	61.2	62	2.4	327	8.4	8.1	B	*
* 4494.0			2.4	327	8.4	8.0		*
* 4496.0			2.4	323	8.6	8.0		*
* 4498.0			2.4	325	8.6	8.0		*
* 4500.0			2.4	329	8.4	8.0		*
* 4502.0			2.4	332	8.6	8.0		*
* 4504.0			2.4	333	8.9	8.0		*
* 4506.0			2.4	333	9.2	8.1		*
* 4508.0			2.4	331	9.3	8.1		*
* 4510.0			2.3	331	8.9	8.1		*
* 4512.0			2.4	331	9.0	8.0		*
* 4514.0			2.5	330	9.0	8.0		*
* 4516.0			2.5	329	8.9	8.1		*
* 4518.0			2.5	327	8.6	8.1		*

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*****
*          *      FORMATION      *          BOREHOLE          * QUAL. *
*          *-----*-----*          *          * INDEX *
* DEPTH  *  DIP    DIP    *  DEV.  DEV.  DIAM  DIAM * BEST *
*          *      AZI.  *      AZI.  1-3  2-4 * =A  *
*****
*
* 4520.0   70.8   209       2.5   325   8.3   8.0   B   *
* 4522.0   75.9   207       2.5   326   8.2   8.1   D   *
* 4524.0           2.5   326   8.1   8.1   *
* 4526.0           2.5   325   8.2   8.1   *
* 4528.0           2.5   325   8.2   8.1   *
* 4530.0           2.5   325   8.3   8.1   *
* 4532.0           2.5   323   8.2   8.1   *
* 4534.0           2.6   323   7.9   7.8   *
* 4536.0           2.5   325   7.8   7.7   *
* 4538.0           2.5   332   7.9   7.8   *
* 4540.0           2.5   330   8.0   8.4   *
* 4542.0   56.7   279       2.4   326   8.1   9.5   D   *
* 4544.0           2.5   327   8.2   10.0  *
* 4546.0    5.6   179       2.5   321   8.2   9.7   D   *
* 4548.0           2.4   315   8.3   8.9   *
* 4550.0    7.2   183       2.4   317   8.2   8.3   D   *
* 4552.0    7.5   170       2.4   322   8.2   8.2   B   *
* 4554.0    7.6   165       2.4   326   8.3   8.2   D   *
* 4556.0    7.3   180       2.4   327   8.3   8.2   B   *
* 4558.0    5.4   140       2.4   326   8.4   8.2   D   *
* 4560.0           2.4   323   8.5   8.1   *
* 4562.0           2.4   321   8.5   8.2   *
* 4564.0           2.4   320   8.4   8.3   *
* 4566.0           2.4   323   8.4   8.2   *
* 4568.0           2.3   326   8.3   8.1   *
* 4570.0           2.3   329   8.1   8.3   *
* 4572.0           2.3   332   9.1   9.1   *
* 4574.0           2.4   338   9.9   10.7  *
* 4576.0           2.4   340   9.1   10.3  *
* 4578.0           2.5   332   8.8   8.7   *
* 4580.0           2.5   329   9.0   8.3   *
* 4582.0   72.2    63       2.6   333   8.6   8.0   D   *
* 4584.0   68.4    62       2.6   334   8.8   8.1   D   *
* 4586.0   67.5    65       2.6   329   9.2   8.2   D   *
* 4588.0           2.6   327   8.7   8.3   *
* 4590.0           2.6   323   8.2   8.4   *
* 4592.0           2.6   319   8.4   8.4   *
* 4594.0           2.6   323   9.1   8.5   *
* 4596.0           2.6   330   9.5   8.7   *
* 4598.0           2.6   332   9.0   8.3   *
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FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A

* 4600.0			2.6	326	8.8	8.0	
* 4602.0			2.7	320	8.6	8.4	
* 4604.0			2.7	322	8.4	8.9	
* 4606.0			2.7	321	8.5	8.8	
* 4608.0			2.7	325	8.2	8.6	
* 4610.0			2.7	327	8.3	8.6	
* 4612.0			2.7	323	8.4	8.2	
* 4614.0	67.7	42	2.6	326	7.8	8.3	D
* 4616.0			2.7	327	7.7	8.4	
* 4618.0	63.7	40	2.7	319	8.0	8.1	D
* 4620.0	6.2	152	2.7	317	8.1	8.2	D
* 4622.0	8.8	104	2.8	315	8.1	8.2	B
* 4624.0	8.9	94	2.8	316	8.1	8.1	B
* 4626.0			2.8	321	8.1	8.1	
* 4628.0			2.8	324	8.1	8.1	
* 4630.0			2.8	326	8.2	8.1	
* 4632.0			2.8	325	8.3	8.1	
* 4634.0			2.8	319	8.2	8.1	
* 4636.0			2.7	316	8.1	8.1	
* 4638.0			2.7	319	8.0	8.2	
* 4640.0			2.7	320	8.1	8.3	
* 4642.0			2.7	320	8.1	8.2	
* 4644.0			2.8	323	8.2	8.2	
* 4646.0			2.8	324	8.2	8.1	
* 4648.0			2.8	326	8.1	8.1	
* 4650.0			2.8	327	8.1	8.1	
* 4652.0			2.9	329	8.2	8.2	
* 4654.0			2.9	332	8.1	8.1	
* 4656.0			2.9	333	8.1	8.1	
* 4658.0			2.9	333	8.2	8.1	
* 4660.0			2.9	332	8.2	8.1	
* 4662.0			3.0	331	8.3	8.1	
* 4664.0			3.0	326	8.4	8.1	
* 4666.0			3.0	322	8.4	8.1	
* 4668.0			3.1	323	8.2	8.1	
* 4670.0			3.1	323	8.1	8.1	
* 4672.0			3.1	322	8.1	8.1	
* 4674.0			3.1	324	8.1	8.0	
* 4676.0			3.1	325	8.2	8.1	
* 4678.0			3.1	325	8.2	8.1	



FORMATION			BUREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A

* 4680.0			3.1	327	8.2	8.1		*
* 4682.0			3.1	330	8.2	8.1		*
* 4684.0	5.9	179	3.0	332	8.2	8.1	D	*
* 4686.0			3.0	337	8.2	8.1		*
* 4688.0			3.0	339	8.1	8.1		*
* 4690.0	4.3	149	3.0	338	8.1	8.1	B	*
* 4692.0	4.6	160	3.0	341	8.1	8.2	B	*
* 4694.0			3.0	343	8.1	8.2		*
* 4696.0	5.9	209	3.0	343	8.2	8.2	B	*
* 4698.0	5.0	199	3.0	339	8.3	8.2	B	*
* 4700.0	4.8	175	3.0	337	8.2	8.3	B	*
* 4702.0	4.1	123	3.0	338	8.2	8.3	B	*
* 4704.0			3.0	340	8.1	8.4		*
* 4706.0			3.0	342	8.1	8.5		*
* 4708.0			3.1	339	8.1	8.4		*
* 4710.0			3.1	333	8.1	8.3		*
* 4712.0	5.6	184	3.1	332	8.1	8.3	B	*
* 4714.0	4.9	194	3.0	334	8.2	8.2	D	*
* 4716.0	9.5	231	3.0	337	8.2	8.2	B	*
* 4718.0	3.8	196	3.0	339	8.2	8.1	B	*
* 4720.0			3.0	337	8.1	8.1		*
* 4722.0			3.0	335	8.1	8.1		*
* 4724.0			2.9	335	8.1	8.1		*
* 4726.0			2.9	336	8.0	8.2		*
* 4728.0			2.9	338	8.1	8.2		*
* 4730.0			2.9	338	8.1	8.6		*
* 4732.0			2.9	341	8.0	8.8		*
* 4734.0			3.0	340	8.1	8.9		*
* 4736.0			3.0	337	8.2	9.0		*
* 4738.0			3.0	337	8.2	8.9		*
* 4740.0			3.1	336	8.3	8.7		*
* 4742.0			3.1	337	8.4	8.4		*
* 4744.0			3.1	340	8.3	8.3		*
* 4746.0			3.1	340	8.4	8.3		*
* 4748.0			3.1	339	8.4	8.1		*
* 4750.0			3.0	340	8.4	8.2		*
* 4752.0			3.0	338	8.3	8.3		*
* 4754.0			3.0	337	8.2	8.2		*
* 4756.0			3.0	337	8.2	8.3		*
* 4758.0			3.0	336	8.2	8.5		*

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*****
*          *          *          *          *          *          *          *
*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          *-----*          *-----*          * INDEX *
* DEPTH  *  DIP    DIP  *  DEV.  DEV.  DIAM  DIAM * BEST *
*          *      AZI. *      AZI.  1-3  2-4 *  =A  *
*****
```

DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A
4760.0			2.9	337	8.2	8.5	
4762.0			2.9	336	8.2	8.6	
4764.0			2.9	330	8.2	8.6	
4766.0	11.6	97	2.8	322	8.1	8.6	D
4768.0			2.8	324	8.1	8.4	
4770.0	6.5	157	2.7	331	8.0	8.1	D
4772.0	5.0	113	2.7	334	8.1	8.1	B
4774.0	7.7	114	2.7	335	8.2	8.1	B
4776.0			2.7	331	8.2	8.1	
4778.0			2.7	330	8.5	8.1	
4780.0			2.7	333	8.8	8.1	
4782.0			2.7	332	8.8	8.1	
4784.0			2.7	332	9.1	8.1	
4786.0	8.6	216	2.8	334	8.9	8.1	D
4788.0	5.9	162	2.8	331	8.5	8.1	D
4790.0	5.8	139	2.8	329	8.6	8.1	D
4792.0	4.2	160	2.8	332	8.6	8.1	D
4794.0			2.8	332	8.6	8.1	
4796.0			2.7	329	8.6	8.0	
4798.0			2.7	322	8.6	8.0	
4800.0			2.7	315	8.7	8.0	
4802.0	3.8	135	2.6	316	8.4	8.0	D
4804.0	5.6	142	2.6	321	8.1	8.0	B
4806.0	4.1	127	2.6	322	8.2	8.1	B
4808.0			2.7	326	8.3	8.0	
4810.0			2.7	327	8.3	8.1	
4812.0	3.9	175	2.7	325	8.2	8.3	B
4814.0	3.4	180	2.7	326	8.1	8.3	B
4816.0	7.7	104	2.7	329	7.9	8.3	D
4818.0	6.4	145	2.6	330	8.2	8.2	D
4820.0	4.6	220	2.6	329	8.5	8.1	D
4822.0			2.6	328	8.4	8.1	
4824.0	59.7	111	2.6	327	8.4	8.3	B
4826.0	5.3	136	2.6	329	8.3	8.6	D
4828.0			2.6	336	8.1	8.7	
4830.0	1.4	349	2.5	340	8.1	9.0	D
4832.0	4.2	160	2.5	339	8.1	9.1	B
4834.0	5.1	150	2.5	331	8.1	8.8	B
4836.0	4.6	137	2.5	333	8.1	8.9	B
4838.0	4.7	132	2.4	341	8.1	9.1	D

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*****
*          *          *          *          *          *          *          *
*          *  FORMATION  *          *  BOREHOLE  *          *  QUAL.  *
*          *-----*-----*-----*-----*-----*-----*-----*
*  DEPTH  *  DIP    DIP    *  DFV.   DEV.   DIAM   DIAM  *  BEST  *
*          *          AZI.  *          *          AZI.   1-3   2-4  *  =A   *
*****
*
*  4840.0          *          *          *          *          *          *
*  4842.0    3.9    112    *  2.4    334    8.1    9.0          *
*  4844.0    6.9    105    *  2.4    331    8.0    9.0          C   *
*  4846.0    5.8    151    *  2.4    327    8.0    8.9          C   *
*  4848.0    6.3    153    *  2.4    326    8.0    8.6          A   *
*  4850.0    3.3    141    *  2.5    325    8.1    8.7          A   *
*  4852.0    4.2    146    *  2.4    324    8.1    9.0          A   *
*  4854.0    4.9    155    *  2.4    324    8.2    9.2          A   *
*  4856.0    4.7    149    *  2.4    323    8.1    9.2          A   *
*  4858.0    5.2    102    *  2.4    322    8.1    9.2          A   *
*  4860.0    2.5    144    *  2.4    322    8.1    9.3          A   *
*  4862.0    6.6    153    *  2.5    323    8.1    9.0          A   *
*  4864.0    2.9    130    *  2.4    324    8.1    8.9          A   *
*  4866.0    6.4    140    *  2.3    324    8.1    9.0          A   *
*  4868.0    2.9    140    *  2.3    320    8.1    8.6          A   *
*  4870.0    2.3    314    *  2.3    314    8.1    8.5          *
*  4872.0    2.3    313    *  2.3    313    8.1    8.4          *
*  4874.0    4.9    112    *  2.3    312    8.1    8.4          C   *
*  4876.0    2.3    313    *  2.3    313    8.1    8.6          *
*  4878.0    4.9    81     *  2.3    316    8.1    8.8          C   *
*  4880.0    4.3    100    *  2.3    316    8.1    8.8          A   *
*  4882.0    3.8    97     *  2.2    316    8.1    8.7          B   *
*  4884.0    2.2    317    *  2.2    317    8.1    8.7          *
*  4886.0    5.1    87     *  2.2    316    8.0    9.1          D   *
*  4888.0    5.0    73     *  2.2    314    8.0    9.1          D   *
*  4890.0    2.2    316    *  2.2    316    8.0    8.7          *
*  4892.0    2.1    317    *  2.1    317    8.0    8.7          *
*  4894.0    2.1    314    *  2.1    314    8.0    8.5          *
*  4896.0    2.1    316    *  2.1    316    8.1    8.6          *
*  4898.0    2.1    318    *  2.1    318    8.1    8.5          *
*  4898.0    6.1    67     *  2.0    317    8.1    8.5          D   *
*  4900.0    2.1    319    *  2.0    317    8.1    8.2          *
*  4902.0    2.1    319    *  2.1    319    8.1    8.5          *
*  4904.0    2.1    319    *  2.1    319    8.1    8.7          *
*  4906.0    4.0    118    *  2.1    319    8.1    8.7          D   *
*  4908.0    1.2    150    *  2.1    319    8.2    8.4          D   *
*  4910.0    3.0    108    *  2.1    320    8.2    8.4          D   *
*  4912.0    1.4    132    *  2.1    320    8.2    8.3          D   *
*  4914.0    1.0    70     *  2.1    321    8.2    8.5          D   *
*  4916.0    2.1    320    *  2.1    320    8.1    8.6          D   *
*  4918.0    2.1    319    *  2.1    319    8.1    8.5          *
*  4918.0    2.4    165    *  2.1    321    8.1    8.5          *
*  4918.0    6.2    215    *  2.1    321    8.1    8.4          D   *
*  4918.0    2.1    322    *  2.1    322    8.1    8.4          D   *
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*          *   FORMATION          *               BOREHOLE               *   QUAL.   *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
*   DEPTH  *   DIP    DIP    *   DEV.   DEV.   DIAM   DIAM  *   BEST   *
*          *          AZI.  *          AZI.   1-3   2-4  *   =A    *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
    
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DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A	QUAL.
4920.0			2.1	321	8.1	8.5		
4922.0			2.1	320	8.1	8.6		
4924.0			2.1	322	8.1	8.5		
4926.0			2.1	319	8.1	8.6		
4928.0			2.1	318	8.1	8.8		
4930.0			2.2	320	8.2	8.8		
4932.0			2.2	321	8.2	8.5		
4934.0			2.2	325	8.2	8.4		
4936.0			2.2	325	8.2	8.7		
4938.0			2.2	324	8.1	8.9		
4940.0	2.4	146	2.2	331	8.1	9.1	D	
4942.0			2.2	328	8.2	9.0		
4944.0			2.2	324	8.2	8.6		
4946.0	2.8	355	2.1	325	8.3	8.3	D	
4948.0	7.4	196	2.1	317	8.2	8.3	D	
4950.0			2.2	307	8.1	8.4		
4952.0			2.2	304	8.1	8.2		
4954.0			2.2	308	8.1	8.1		
4956.0			2.2	312	8.1	8.1		
4958.0	2.3	173	2.2	316	8.1	8.1	B	
4960.0	4.2	124	2.2	319	8.2	8.1	B	
4962.0	5.0	115	2.2	317	8.2	8.1	D	
4964.0			2.2	312	8.3	8.1		
4966.0			2.2	313	8.7	8.2		
4968.0			2.2	316	8.5	8.2		
4970.0			2.2	316	8.1	8.1		
4972.0	8.3	150	2.2	317	8.1	8.2	D	
4974.0			2.1	320	8.2	8.2		
4976.0	3.1	346	2.1	321	8.2	8.3	D	
4978.0			2.1	323	8.2	8.3		
4980.0	14.1	201	2.2	329	8.1	8.4	D	
4982.0	12.6	198	2.2	328	8.1	8.6	B	
4984.0			2.2	324	8.2	8.5		
4986.0			2.2	324	8.2	8.3		
4988.0			2.2	327	8.1	8.8		
4990.0			2.3	331	8.0	9.4		
4992.0	11.1	210	2.3	329	8.0	9.4	B	
4994.0	11.9	214	2.3	325	8.0	8.9	B	
4996.0			2.3	326	8.1	8.6		
4998.0			2.3	328	8.1	8.4		



* FORMATION *			* BOREHOLE *				* QUAL. *
-----			*-----*				* INDEX *
* DEPTH *	* DIP *	DIP	* DEV. *	DEV.	DIAM	DIAM	* BEST *
		AZI.		AZI.	1-3	2-4	* =A *

* 5000.0	17.0	231	2.3	328	8.1	8.5	C	*
* 5002.0	10.6	220	2.3	330	8.1	9.2	A	*
* 5004.0	12.2	214	2.3	335	8.2	9.7	A	*
* 5006.0	8.7	226	2.3	334	8.1	9.4	A	*
* 5008.0	10.0	199	2.3	330	8.2	8.8	A	*
* 5010.0	7.7	206	2.4	327	8.1	8.4	A	*
* 5012.0	10.1	225	2.4	327	8.1	8.3	A	*
* 5014.0	8.8	224	2.4	329	8.1	8.4	A	*
* 5016.0			2.4	330	8.1	8.4		*
* 5018.0			2.4	326	8.1	8.4		*
* 5020.0	12.4	188	2.4	320	8.1	8.4	B	*
* 5022.0	12.2	152	2.3	317	8.0	8.2	B	*
* 5024.0	9.2	146	2.3	320	8.1	8.1	B	*
* 5026.0			2.3	320	8.1	8.1		*
* 5028.0	6.2	174	2.3	318	8.1	8.0	B	*
* 5030.0	14.9	167	2.3	318	8.1	8.0	B	*
* 5032.0	11.7	177	2.3	318	8.2	8.1	B	*
* 5034.0	9.9	164	2.3	316	8.3	8.0	D	*
* 5036.0			2.3	314	8.2	8.0		*
* 5038.0			2.3	313	8.2	8.1		*
* 5040.0			2.2	313	8.2	8.1		*
* 5042.0			2.2	318	8.3	8.0		*
* 5044.0			2.3	324	8.6	8.0		*
* 5046.0			2.3	324	8.7	8.1		*
* 5048.0			2.3	322	8.4	8.0		*
* 5050.0			2.3	320	8.2	8.1		*
* 5052.0			2.3	318	8.3	8.0		*
* 5054.0			2.2	319	8.4	8.0		*
* 5056.0			2.2	321	8.5	8.0		*
* 5058.0			2.2	319	8.6	8.0		*
* 5060.0			2.3	317	8.7	7.9		*
* 5062.0			2.3	318	8.8	7.9		*
* 5064.0			2.4	319	8.8	8.0		*
* 5066.0			2.4	318	8.6	7.9		*
* 5068.0			2.3	315	8.5	8.0		*
* 5070.0			2.3	314	8.6	8.0		*
* 5072.0			2.4	318	8.6	8.0		*
* 5074.0			2.4	316	8.4	8.0		*
* 5076.0			2.4	313	8.3	8.1		*
* 5078.0			2.5	315	8.2	8.1		*

FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A

* 5080.0			2.5	315	8.1	8.2	
* 5082.0			2.5	311	8.0	8.3	
* 5084.0			2.5	310	8.0	8.2	
* 5086.0	15.4	128	2.4	308	8.2	8.2	D
* 5088.0	17.7	117	2.5	309	8.2	8.2	D
* 5090.0	22.0	102	2.5	313	8.0	8.2	B
* 5092.0			2.5	315	8.0	8.2	
* 5094.0			2.5	315	8.1	8.3	
* 5096.0			2.5	313	8.1	8.4	
* 5098.0			2.4	314	8.1	8.7	
* 5100.0	4.5	20	2.4	317	8.0	8.7	D
* 5102.0			2.4	318	8.0	8.5	
* 5104.0	8.0	107	2.5	318	8.0	8.5	D
* 5106.0	3.3	100	2.5	317	8.1	8.4	B
* 5108.0	3.5	98	2.5	315	8.1	8.3	B
* 5110.0			2.5	313	8.1	8.4	
* 5112.0			2.5	313	8.1	8.6	
* 5114.0			2.5	310	8.1	8.7	
* 5116.0			2.6	308	8.1	8.6	
* 5118.0			2.6	308	8.1	8.4	
* 5120.0			2.6	310	8.1	8.2	
* 5122.0			2.6	310	8.1	8.1	
* 5124.0			2.6	310	8.1	8.0	
* 5126.0			2.7	312	8.2	8.1	
* 5128.0			2.7	313	8.1	8.2	
* 5130.0			2.7	316	8.0	8.1	
* 5132.0			2.7	316	7.9	8.1	
* 5134.0			2.7	317	8.0	8.1	
* 5136.0			2.7	319	8.3	8.0	
* 5138.0			2.7	320	8.5	7.9	
* 5140.0	4.2	205	2.7	318	8.3	8.1	A
* 5142.0	4.6	217	2.8	317	8.3	8.1	A
* 5144.0	5.2	222	2.8	319	8.4	8.1	A
* 5146.0	6.7	221	2.8	320	8.7	8.1	A
* 5148.0	7.5	221	2.8	322	8.9	8.1	A
* 5150.0	5.9	262	2.8	318	9.0	8.1	A
* 5152.0	3.0	169	2.8	313	8.6	8.0	A
* 5154.0	6.7	142	2.7	314	8.1	8.0	A
* 5156.0	10.7	247	2.7	314	8.1	7.9	A
* 5158.0	9.3	235	2.8	314	8.0	8.0	A

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*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          *-----*-----*          *-----* INDEX *
* DEPTH *  DIP   DIP   *  DEV.  DEV.  DIAM  DIAM * BEST *
*          *     AZI. *          *     AZI.  1-3   2-4 * =A  *
*****
*
* 5160.0    7.8    191    2.8    316    8.1    8.1    A    *
* 5162.0    9.7    199    2.8    318    8.0    8.2    C    *
* 5164.0    8.5    181    2.8    319    8.0    8.2    A    *
* 5166.0    6.7    181    2.8    318    8.0    8.3    A    *
* 5168.0    8.2    185    2.7    320    8.0    8.2    A    *
* 5170.0    6.1    169    2.7    323    8.1    8.1    B    *
* 5172.0    6.6    159    2.7    323    8.1    8.1    B    *
* 5174.0   16.6    154    2.7    319    8.1    8.0    D    *
* 5176.0    4.9    111    2.7    314    8.2    8.1    D    *
* 5178.0    2.7    312    8.2    8.1    8.1    *
* 5180.0   16.2    135    2.7    311    8.2    8.1    D    *
* 5182.0   16.5    129    2.6    312    8.2    8.1    D    *
* 5184.0    2.6    314    8.2    8.1    8.1    *
* 5186.0    2.6    315    8.1    8.1    8.1    *
* 5188.0    3.9    124    2.6    313    8.1    8.1    D    *
* 5190.0    9.0    134    2.6    314    8.3    8.1    B    *
* 5192.0    9.7    140    2.5    317    8.4    8.1    B    *
* 5194.0   11.5    137    2.5    316    8.4    8.1    D    *
* 5196.0    6.3    158    2.5    316    8.5    8.1    B    *
* 5198.0    8.4    145    2.6    314    8.8    8.0    B    *
* 5200.0   10.2    142    2.6    315    9.2    8.0    B    *
* 5202.0    8.0    132    2.7    318    9.4    8.0    B    *
* 5204.0    2.7    317    9.0    8.0    8.0    *
* 5206.0    2.7    318    9.0    8.0    8.0    *
* 5208.0    2.7    320    9.1    8.1    8.1    *
* 5210.0    2.8    319    9.0    8.1    8.1    *
* 5212.0    2.8    318    9.0    8.0    8.0    *
* 5214.0    2.7    320    9.1    8.0    8.0    *
* 5216.0    2.8    321    9.2    8.0    8.0    *
* 5218.0    2.8    320    8.7    7.9    8.0    *
* 5220.0    2.8    320    8.6    7.9    8.0    *
* 5222.0   11.6    172    2.8    319    8.7    7.9    D    *
* 5224.0   15.6    153    2.7    317    8.7    8.0    D    *
* 5226.0    8.3    197    2.7    312    8.7    8.0    D    *
* 5228.0    7.5    187    2.7    311    8.8    8.0    D    *
* 5230.0    2.7    317    9.2    7.9    8.0    *
* 5232.0    2.8    320    9.1    7.9    8.0    *
* 5234.0    2.8    316    8.7    7.9    8.0    *
* 5236.0   12.2    166    2.8    314    8.9    8.0    C    *
* 5238.0   13.0    160    2.9    318    9.4    8.0    A    *
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FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A

* 5240.0	11.8	149	2.9	316	9.1	8.0	A
* 5242.0	10.8	125	2.9	308	8.3	7.9	C
* 5244.0	9.8	181	2.9	308	8.2	7.8	C
* 5246.0	9.4	162	2.9	312	8.1	7.9	C
* 5248.0	9.2	149	2.9	314	8.1	8.0	A
* 5250.0	9.0	159	2.8	312	8.1	8.1	A
* 5252.0	10.4	156	2.8	311	8.0	8.1	A
* 5254.0			2.8	308	8.0	8.1	
* 5256.0			2.8	303	8.0	8.0	
* 5258.0	8.1	116	2.8	305	8.1	8.1	B
* 5260.0	7.3	133	2.7	310	8.1	8.1	D
* 5262.0			2.7	310	8.1	8.1	
* 5264.0	11.2	91	2.8	310	8.1	8.2	D
* 5266.0	8.4	103	2.8	308	8.1	8.2	B
* 5268.0	7.9	86	2.9	306	8.1	8.2	D
* 5270.0			2.9	308	8.2	8.2	
* 5272.0			2.9	310	8.2	8.1	
* 5274.0	61.7	254	3.0	308	8.4	8.1	D
* 5276.0	62.7	251	3.0	307	8.5	8.0	B
* 5278.0			3.0	306	8.6	8.0	
* 5280.0			3.0	305	8.6	8.0	
* 5282.0	65.5	253	3.0	308	8.5	8.1	D
* 5284.0			3.0	310	8.5	8.1	
* 5286.0			3.0	316	8.4	8.1	
* 5288.0			3.0	321	8.3	8.1	
* 5290.0			3.0	323	8.4	8.0	
* 5292.0			2.9	324	8.3	8.1	
* 5294.0			2.9	325	8.3	8.1	
* 5296.0			2.9	327	8.5	8.0	
* 5298.0			2.8	325	8.7	8.0	
* 5300.0			2.8	322	8.8	7.9	
* 5302.0	18.0	162	2.8	316	8.4	7.9	D
* 5304.0	22.1	171	2.9	312	8.1	8.0	D
* 5306.0	19.0	160	2.9	314	8.2	8.0	B
* 5308.0	16.8	170	2.9	316	8.1	8.1	D
* 5310.0	3.5	204	3.0	317	8.1	8.1	D
* 5312.0	4.6	164	3.0	320	8.1	8.1	B
* 5314.0	9.6	141	3.0	322	8.1	8.2	D
* 5316.0	8.1	148	2.9	324	8.1	8.2	B
* 5318.0	9.1	147	3.0	326	8.2	8.1	D

*****FORMATION*****				*****BOREHOLE*****				*****QUAL.*****	
*****INDEX*****								*****BEST*****	
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	=A		
* 5320.0			3.0	327	8.3	8.1			*
* 5322.0	9.1	144	3.0	325	8.3	8.2	D		*
* 5324.0	11.4	143	3.0	325	8.2	8.1	D		*
* 5326.0	10.7	147	3.0	324	8.2	8.1	D		*
* 5328.0			3.0	322	8.2	8.1			*
* 5330.0			2.9	318	8.2	8.2			*
* 5332.0			2.8	314	8.2	8.3			*
* 5334.0	10.1	113	2.8	313	8.2	8.2	B		*
* 5336.0	13.3	97	2.8	316	8.1	8.0	D		*
* 5338.0	13.0	125	2.8	319	7.9	7.9	D		*
* 5340.0			2.8	319	8.0	8.0			*
* 5342.0			2.8	319	8.0	8.0			*
* 5344.0	12.9	126	2.8	317	7.9	8.0	D		*
* 5346.0	16.2	117	2.9	311	7.9	7.9	B		*
* 5348.0	19.5	107	2.9	307	7.9	7.8	B		*
* 5350.0			2.9	303	7.9	7.8			*
* 5352.0	21.4	76	2.9	301	8.0	7.8	D		*
* 5354.0			2.9	303	8.0	7.7			*
* 5356.0	14.9	137	2.9	310	7.9	7.7	D		*
* 5358.0			2.9	314	7.9	7.8			*
* 5360.0			2.9	312	7.9	8.0			*
* 5362.0			2.8	307	8.0	8.0			*
* 5364.0			2.8	306	8.1	7.9			*
* 5366.0			2.8	307	8.1	7.8			*
* 5368.0	8.1	144	2.7	303	7.9	7.7	D		*
* 5370.0	12.1	136	2.7	302	7.7	7.6	B		*
* 5372.0	10.3	137	2.7	307	7.7	7.7	B		*
* 5374.0	16.0	80	2.8	304	7.8	7.8	D		*
* 5376.0	14.6	71	2.8	305	7.6	7.8	D		*
* 5378.0	12.2	156	2.9	306	7.7	7.9	D		*
* 5380.0	9.6	145	2.9	304	8.0	8.0	B		*
* 5382.0	18.9	73	2.9	306	8.1	8.0	B		*
* 5384.0	18.2	64	2.9	307	7.9	8.0	B		*
* 5386.0	13.6	79	3.0	309	7.8	8.0	D		*
* 5388.0			3.0	305	7.9	8.0			*
* 5390.0			3.0	300	7.8	7.8			*
* 5392.0			3.0	303	7.8	7.8			*
* 5394.0	14.0	57	3.0	304	7.9	8.0	D		*
* 5396.0	11.6	64	2.9	305	8.0	7.9	B		*
* 5398.0	5.8	85	3.0	305	8.0	7.8	D		*

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*****
*          *          *          *          *          *          *          *          *
*          *   FORMATION   *          *   BOREHOLE   *          *   QUAL.   *
*          *-----*-----*          *-----*-----*   INDEX   *
*   DEPTH *   DIP     DIP   *   DEV.   DEV.   DIAM   DIAM *   BEST   *
*          *         AZI.   *         AZI.   1-3   2-4 *   =A    *
*****
```

DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A	INDEX
5400.0	8.8	72	3.0	301	8.0	7.8	D	*
5402.0	10.7	55	3.0	298	7.9	7.8	D	*
5404.0	7.8	124	3.0	302	7.8	7.7	D	*
5406.0			3.0	310	7.8	7.8		*
5408.0			3.0	312	7.9	7.9		*
5410.0			3.1	315	7.9	7.9		*
5412.0			3.2	316	7.9	7.9		*
5414.0	9.2	15	3.3	316	8.0	7.9	C	*
5416.0	13.0	97	3.3	316	8.0	7.9	C	*
5418.0			3.3	315	8.0	7.9		*
5420.0			3.3	315	8.0	8.0		*
5422.0	10.8	89	3.3	317	8.0	8.0	A	*
5424.0	12.2	76	3.3	317	7.9	7.9	A	*
5426.0	15.7	98	3.3	315	8.0	7.8	A	*
5428.0	14.2	102	3.3	315	8.1	7.9	A	*
5430.0	11.9	113	3.3	313	8.0	8.1	A	*
5432.0	11.3	120	3.3	310	8.0	8.1	A	*
5434.0	11.5	123	3.3	302	8.0	8.1	A	*
5436.0	11.4	96	3.2	295	8.0	7.9	A	*
5438.0	12.3	79	3.2	298	7.8	7.7	C	*
5440.0	12.6	110	3.1	301	7.7	7.8	C	*
5442.0	13.6	110	3.1	304	7.6	7.9	A	*
5444.0	14.0	106	3.1	305	7.8	7.9	A	*
5446.0	12.3	98	3.1	303	8.1	8.0	A	*
5448.0	9.4	112	3.1	300	8.1	8.1	A	*
5450.0	9.2	118	3.2	302	8.1	8.1	A	*
5452.0	9.8	151	3.2	305	8.1	8.1	A	*
5454.0	10.0	150	3.2	304	8.1	8.1	D	*
5456.0	10.6	113	3.2	301	8.1	8.2	D	*
5458.0	19.4	135	3.3	300	8.1	8.2	D	*
5460.0	11.2	142	3.3	304	8.1	8.4	D	*
5462.0	9.8	153	3.3	305	8.1	8.6	B	*
5464.0	9.8	143	3.4	301	8.1	8.5	B	*
5466.0	19.3	161	3.4	314	8.0	8.6	D	*
5468.0	16.7	152	3.4	320	8.0	9.1	D	*
5470.0	22.5	193	3.4	312	8.0	8.8	B	*
5472.0	15.6	179	3.3	315	8.0	8.2	D	*
5474.0	9.6	172	3.3	315	8.0	8.4	C	*
5476.0	10.4	168	3.3	307	8.0	8.5	C	*
5478.0	8.0	173	3.3	297	8.0	8.3	A	*

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*          *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *
*****

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DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	QUAL. BEST =A	INDEX
5480.0	7.6	160	3.4	297	8.1	8.1	A	
5482.0			3.4	300	8.1	8.0		
5484.0			3.4	302	8.1	8.0		
5486.0			3.4	302	8.1	8.0		
5488.0			3.4	303	8.1	7.9		
5490.0			3.5	306	8.0	7.8		
5492.0			3.5	311	7.8	7.8		
5494.0	10.7	138	3.5	314	7.9	7.9	D	
5496.0	13.9	158	3.5	311	8.0	8.0	B	
5498.0	14.0	149	3.6	309	8.1	8.1	B	
5500.0			3.6	308	8.1	8.1		
5502.0	17.3	150	3.6	309	8.1	8.1	D	
5504.0			3.6	310	8.1	8.1		
5506.0	8.1	234	3.6	310	8.1	7.9	A	
5508.0	5.7	89	3.5	308	8.1	7.8	C	
5510.0	10.5	137	3.5	302	8.2	7.9	A	
5512.0	10.3	116	3.5	300	8.1	7.9	A	
5514.0	6.0	356	3.4	304	8.0	7.9	A	
5516.0	7.0	359	3.4	305	8.0	8.0	A	
5518.0	3.4	84	3.4	304	7.9	7.8	A	
5520.0	9.7	127	3.4	304	8.0	7.7	A	
5522.0	6.6	143	3.4	305	8.0	7.9	C	
5524.0	6.3	180	3.4	307	8.0	8.0	A	
5526.0	10.2	136	3.4	307	8.0	8.0	C	
5528.0	10.0	141	3.3	308	8.0	8.0	C	
5530.0	6.0	139	3.3	307	7.9	7.9	A	
5532.0	5.9	130	3.4	306	7.8	7.9	A	
5534.0	5.8	171	3.4	306	7.8	7.9	A	
5536.0	5.6	151	3.4	303	8.0	7.9	A	
5538.0	7.9	69	3.5	300	8.1	8.0	C	
5540.0	9.9	149	3.7	297	8.1	8.0	C	
5542.0	8.1	128	3.8	296	8.1	8.1	A	
5544.0	4.2	116	3.8	300	8.1	8.1	A	
5546.0	2.3	97	3.8	300	7.7	7.9	A	
5548.0	2.2	138	3.8	301	7.4	7.8	A	
5550.0	5.9	167	3.7	301	7.6	7.9	A	
5552.0	6.3	175	3.7	300	8.0	8.0	A	
5554.0	8.1	157	3.8	303	8.1	7.9	A	
5556.0	7.3	165	3.8	307	8.3	8.0	A	
5558.0	7.4	168	3.9	307	8.5	8.0	A	

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FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A

* 5560.0	6.9	185	3.9	307	8.2	8.0	A
* 5562.0	6.9	195	3.9	311	7.9	8.1	A
* 5564.0	8.8	138	3.9	313	8.0	8.0	C
* 5566.0	10.4	155	3.8	319	7.9	7.7	A
* 5568.0	10.5	169	3.8	323	7.8	7.6	A
* 5570.0	7.6	149	3.8	317	7.6	7.6	A
* 5572.0	7.5	146	3.8	313	7.7	7.6	A
* 5574.0	10.1	172	3.8	310	7.7	7.6	C
* 5576.0	12.7	162	3.7	312	7.6	7.6	A
* 5578.0	6.4	106	3.7	319	7.8	7.7	C
* 5580.0	8.2	166	3.7	320	8.0	7.8	A
* 5582.0			3.7	316	8.0	7.8	
* 5584.0	15.1	149	3.7	312	7.9	7.9	D
* 5586.0			3.7	309	7.8	7.8	
* 5588.0	13.2	98	3.7	308	7.7	7.7	D
* 5590.0	11.0	139	3.7	307	7.8	7.7	D
* 5592.0	10.7	141	3.7	306	7.7	7.8	B
* 5594.0	6.2	132	3.6	305	7.8	7.9	D
* 5596.0	12.0	139	3.6	305	7.9	8.0	D
* 5598.0	9.3	155	3.6	304	8.1	8.0	B
* 5600.0	9.0	131	3.6	304	8.1	8.0	B
* 5602.0	9.6	167	3.6	306	8.1	8.0	B
* 5604.0			3.6	304	8.1	8.0	
* 5606.0	18.0	169	3.5	303	8.1	8.0	D
* 5608.0	23.0	156	3.5	306	8.0	8.0	B
* 5610.0	15.2	142	3.5	308	8.0	8.0	B
* 5612.0	14.4	131	3.5	306	8.0	7.9	B
* 5614.0	14.8	124	3.5	303	7.8	7.8	D
* 5616.0	15.6	155	3.6	301	7.9	7.8	D
* 5618.0	11.5	131	3.6	299	8.0	8.1	D
* 5620.0	12.6	111	3.6	298	8.0	8.0	D
* 5622.0			3.6	302	8.0	7.9	
* 5624.0	26.6	155	3.6	306	7.9	7.8	D
* 5626.0	20.3	158	3.7	306	8.0	8.2	D
* 5628.0	9.5	174	3.8	305	8.0	8.2	D
* 5630.0			3.8	304	8.2	7.8	
* 5632.0	14.9	163	3.8	306	8.3	7.8	B
* 5634.0	13.5	178	3.9	307	8.2	7.9	D
* 5636.0	12.5	149	4.0	308	8.1	8.0	D
* 5638.0	24.8	169	4.0	311	8.1	8.0	B



* FORMATION *			* BOREHOLE *				* QUAL. *
-----			*-----*				* INDEX *
* DEPTH *	* DIP *	DIP	* DEV. *	DEV.	DIAM	DIAM	* BEST *
		AZI.		AZI.	1-3	2-4	* =A *

* 5640.0	25.2	166	4.0	312	8.1	8.0	B	*
* 5642.0	24.2	166	4.0	314	8.0	8.0	B	*
* 5644.0	18.5	162	4.0	317	8.0	8.0	A	*
* 5646.0	16.4	154	4.0	317	8.1	8.0	A	*
* 5648.0	13.9	153	4.0	319	8.0	7.8	A	*
* 5650.0	11.3	161	3.9	320	8.0	7.8	A	*
* 5652.0	10.7	169	3.9	319	7.9	7.9	A	*
* 5654.0	10.0	160	3.9	320	7.8	8.1	A	*
* 5656.0	11.9	163	3.8	320	7.8	8.1	C	*
* 5658.0	11.7	169	3.8	319	7.9	8.1	C	*
* 5660.0	71.5	220	3.8	320	8.0	8.1	D	*
* 5662.0	69.4	221	3.8	324	7.9	8.2	B	*
* 5664.0	76.8	264	3.8	330	7.8	8.4	D	*
* 5666.0	65.4	274	3.8	330	7.9	8.3	D	*
* 5668.0	75.4	228	3.8	327	8.0	8.2	D	*
* 5670.0			3.8	325	8.0	8.1		*
* 5672.0	12.2	157	3.9	323	8.0	8.1	C	*
* 5674.0	12.2	153	3.9	322	8.0	8.4	A	*
* 5676.0			3.9	321	8.0	8.5		*
* 5678.0	9.9	180	3.9	322	8.0	8.3	A	*
* 5680.0	11.7	189	3.9	324	8.0	8.0	A	*
* 5682.0	11.1	195	3.9	327	8.0	8.1	A	*
* 5684.0	12.3	189	3.9	328	7.9	8.2	A	*
* 5686.0	13.5	199	3.9	326	8.0	8.2	A	*
* 5688.0			3.8	321	8.1	8.1		*
* 5690.0	9.5	176	3.9	316	8.1	8.0	A	*
* 5692.0	10.9	171	3.9	313	8.1	8.0	A	*
* 5694.0	11.3	148	3.9	309	8.1	8.0	A	*
* 5696.0	11.2	135	3.9	309	8.0	8.0	A	*
* 5698.0	17.5	175	4.0	312	7.9	8.0	A	*
* 5700.0	16.5	170	4.0	312	8.0	7.9	A	*
* 5702.0	17.4	159	4.0	309	8.1	7.9	A	*
* 5704.0	14.7	148	4.1	307	8.1	8.0	A	*
* 5706.0	17.8	182	4.1	307	7.9	8.1	A	*
* 5708.0	16.5	173	4.0	306	7.9	8.0	A	*
* 5710.0	14.6	171	4.0	308	7.9	8.0	B	*
* 5712.0	10.1	159	4.0	311	7.9	8.0	B	*
* 5714.0	14.9	169	4.0	313	8.0	8.0	B	*
* 5716.0	14.2	167	4.0	314	7.9	8.1	B	*
* 5718.0			4.0	316	8.0	8.1		*

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*****
*          *          *          *          *          *          *          *
*          *  FORMATION  *          *  BOREHOLE  *          *  QUAL.  *
*          *-----*          *-----*          *-----*  INDEX  *
*  DEPTH  *  DIP    DIP  *  DEV.  DEV.  DIAM  DIAM  *  BEST  *
*          *          AZI.  *          AZI.  1-3  2-4  *  =A  *
*****
*
*  5720.0  22.1    163          3.9    315          8.0    8.1    D    *
*  5722.0  10.3    148          3.9    313          8.0    8.0    D    *
*  5724.0  22.5    103          4.0    313          8.1    8.0    B    *
*  5726.0  20.3    100          4.0    314          8.1    8.1    B    *
*  5728.0   6.4    150          4.0    314          8.1    8.2    D    *
*  5730.0   3.6    301          4.0    311          8.1    8.3    B    *
*  5732.0   4.1    269          3.9    310          8.0    8.1    B    *
*  5734.0   6.0    334          3.8    312          8.1    7.9    B    *
*  5736.0   2.1    282          3.8    311          8.0    8.0    B    *
*  5738.0   2.7    288          3.8    307          8.1    8.1    B    *
*  5740.0   5.6     2          3.9    303          8.1    7.9    D    *
*  5742.0  10.9     95          4.0    301          8.1    7.7    B    *
*  5744.0   9.7    123          4.0    301          8.1    7.7    D    *
*  5746.0   7.8    199          4.0    302          8.1    7.8    D    *
*  5748.0   5.5    133          4.0    305          8.1    7.9    D    *
*  5750.0          4.0    305          8.1    8.0          *
*  5752.0          4.0    303          8.0    8.1          *
*  5754.0          4.1    308          8.0    8.0          *
*  5756.0          4.2    308          8.1    8.0          *
*  5758.0          4.2    307          8.1    8.0          *
*  5760.0          4.2    307          8.1    7.9          *
*  5762.0          4.2    310          7.9    7.9          *
*  5764.0          4.2    312          7.9    8.0          *
*  5766.0          4.2    314          7.8    7.9          *
*  5768.0          4.2    313          7.9    7.9          *
*  5770.0          4.2    316          8.1    8.2          *
*  5772.0          4.2    317          8.1    8.4          *
*  5774.0          4.2    316          8.2    8.3          *
*  5776.0          4.2    319          8.2    8.2          *
*  5778.0          4.2    322          8.0    8.1          *
*  5780.0          4.2    320          8.0    8.0          *
*  5782.0          4.2    317          8.1    8.0          *
*  5784.0          4.2    320          8.1    8.3          *
*  5786.0          4.1    324          8.1    8.6          *
*  5788.0          4.1    323          8.1    8.4          *
*  5790.0          4.1    322          8.0    8.4          *
*  5792.0          4.1    323          7.9    8.4          *
*  5794.0          4.1    324          8.0    8.4          *
*  5796.0   7.2    173          4.1    322          8.0    8.3    A    *
*  5798.0   7.8     99          4.2    320          8.1    8.2    C    *
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*****
*          *   FORMATION   *           BOREHOLE           * QUAL. *
*          *-----*-----*-----*-----*-----*-----* INDEX *
* DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST  *
*          *       AZI. *       AZI.   1-3   2-4 * =A   *
*****
*
* 5800.0   8.4   132   4.3   321   8.3   8.3   A   *
* 5802.0   2.9   155   4.3   321   8.2   8.4   A   *
* 5804.0   4.3   183   4.3   319   8.2   8.5   A   *
* 5806.0   7.5   170   4.4   323   8.3   8.9   A   *
* 5808.0   5.7   208   4.4   324   8.2   9.1   A   *
* 5810.0   4.9   169   4.3   322   8.1   9.4   A   *
* 5812.0   5.1   166   4.2   322   8.1   9.5   A   *
* 5814.0   7.2   178   4.2   323   8.0   9.5   A   *
* 5816.0   5.6   187   4.1   320   8.0   9.3   A   *
* 5818.0   1.8   115   4.2   318   8.1   9.4   A   *
* 5820.0   2.4   135   4.2   316   8.2   9.4   A   *
* 5822.0   5.3   150   4.2   312   8.4   8.7   A   *
* 5824.0   5.2   161   4.1   312   8.5   8.4   C   *
* 5826.0   4.7   183   4.2   310   8.5   8.4   C   *
* 5828.0   4.6   139   4.2   309   8.3   8.3   A   *
* 5830.0   5.4   128   4.1   309   8.2   8.2   A   *
* 5832.0   9.8   127   4.1   308   8.2   8.1   A   *
* 5834.0  12.2   114   4.1   306   8.2   8.1   C   *
* 5836.0   4.1   304   8.1   8.1   8.1   *
* 5838.0   7.6   133   4.0   307   8.1   8.1   C   *
* 5840.0   8.9   139   4.0   311   8.1   8.1   A   *
* 5842.0   4.1   311   8.2   8.0   8.0   *
* 5844.0   4.2   309   8.2   8.1   8.1   *
* 5846.0   4.2   306   8.3   8.0   8.0   *
* 5848.0  16.2   88   4.2   305   8.2   8.1   D   *
* 5850.0   4.2   305   8.1   8.1   8.1   *
* 5852.0   8.4   105   4.1   309   8.1   8.1   D   *
* 5854.0  14.3   108   4.0   311   8.2   8.2   D   *
* 5856.0   4.0   308   8.2   8.1   8.1   *
* 5858.0  10.2   118   3.9   308   8.2   8.1   B   *
* 5860.0  11.5   152   3.9   305   8.1   8.0   D   *
* 5862.0   3.9   304   8.1   8.0   8.0   *
* 5864.0   3.9   307   8.1   8.1   8.1   *
* 5866.0   4.0   303   8.1   8.1   8.1   *
* 5868.0   4.0   298   8.1   8.1   8.1   *
* 5870.0   4.0   299   8.0   8.1   8.1   *
* 5872.0   4.0   300   7.9   8.0   8.0   *
* 5874.0   4.0   303   7.8   8.1   8.1   *
* 5876.0   4.0   309   8.0   8.0   8.0   *
* 5878.0   4.1   316   8.1   8.0   8.0   *
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FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A

* 5880.0			4.2	312	8.1	8.0	
* 5882.0			4.2	308	8.0	8.1	
* 5884.0	4.9	110	4.2	311	8.1	8.1	D
* 5886.0	10.3	113	4.2	312	8.1	8.0	B
* 5888.0	8.3	123	4.3	312	8.1	7.9	A
* 5890.0	3.5	141	4.3	310	8.1	8.0	C
* 5892.0	10.0	88	4.4	309	8.2	8.0	A
* 5894.0	5.6	79	4.4	310	8.8	8.0	A
* 5896.0	5.0	82	4.4	311	9.1	8.0	A
* 5898.0	4.2	137	4.3	309	8.8	8.0	A
* 5900.0	8.2	159	4.2	303	8.6	8.0	A
* 5902.0	6.8	161	4.3	309	8.6	8.1	A
* 5904.0	4.6	111	4.3	317	8.5	8.1	A
* 5906.0	3.2	103	4.3	312	8.6	8.5	A
* 5908.0	4.5	210	4.3	309	8.4	9.0	B
* 5910.0	5.7	160	4.3	311	8.1	8.7	B
* 5912.0	3.7	165	4.3	312	8.1	8.1	B
* 5914.0	5.3	134	4.3	312	8.1	8.0	B
* 5916.0	5.8	142	4.4	312	8.1	8.1	B
* 5918.0			4.4	312	8.1	8.1	
* 5920.0	4.7	189	4.3	311	8.1	8.1	D
* 5922.0			4.3	310	8.1	8.1	
* 5924.0			4.3	310	8.1	8.1	
* 5926.0	1.2	200	4.3	316	8.1	8.3	D
* 5928.0	8.0	195	4.3	321	8.1	8.5	D
* 5930.0			4.3	313	8.1	8.4	
* 5932.0			4.3	306	8.2	8.2	
* 5934.0			4.3	307	8.2	8.1	
* 5936.0	16.9	116	4.3	308	8.1	8.1	D
* 5938.0			4.3	307	8.1	8.1	
* 5940.0			4.3	308	8.1	8.1	
* 5942.0	9.9	141	4.3	306	8.1	8.1	B
* 5944.0	12.3	134	4.3	303	8.2	8.1	B
* 5946.0			4.3	302	8.2	8.0	
* 5948.0	6.1	147	4.3	303	8.2	7.9	D
* 5950.0	3.7	25	4.3	304	8.1	8.0	D
* 5952.0	5.8	72	4.4	304	8.0	8.0	D
* 5954.0	6.7	155	4.4	304	8.0	8.0	D
* 5956.0			4.4	302	8.0	7.9	
* 5958.0			4.4	303	8.0	7.9	



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*****
*          *      FORMATION      *          BOREHOLE          * QUAL. *
*          *-----*-----*          *          * INDEX *
* DEPTH  *  DIP    DIP    *  DEV.   DEV.   DIAM   DIAM * BEST *
*          *      AZI.  *      AZI.   1-3   2-4 *  =A  *
*****
*
* 5960.0   7.8     150     4.4    309     8.0    8.0    D   *
* 5962.0  10.0    129     4.4    312     8.0    8.1    D   *
* 5964.0  10.1    124     4.4    307     7.9    8.0    B   *
* 5966.0           4.4    302     7.9    8.0           *
* 5968.0           4.4    301     8.0    8.0           *
* 5970.0           4.4    302     8.0    8.0           *
* 5972.0           4.4    304     8.1    8.0           *
* 5974.0           4.4    304     8.0    8.0           *
* 5976.0           4.3    300     8.0    8.0           *
* 5978.0    6.0    167     4.3    303     8.0    7.9    D   *
* 5980.0           4.4    307     8.0    7.9           *
* 5982.0    6.0    157     4.3    308     8.0    8.0    B   *
* 5984.0    6.0    156     4.2    309     8.0    8.0    B   *
* 5986.0    5.8    163     4.2    313     8.0    7.9    B   *
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*****
*          *      FORMATION      *          BOREHOLE          * QUAL. *
*          *-----*-----*          *          * INDEX *
* DEPTH  *  DIP    DIP    *  DEV.  DEV.  DIAM  DIAM * BEST *
*          *      AZI.  *          *          * 1-3   2-4 * =A  *
*****
*
* 832.0   4.9     74     0.4   53    8.8   8.6   A   *
* 834.0   4.5     47     0.4   52    8.8   8.6   C   *
* 836.0   2.9     60     0.4   50    8.9   8.6   C   *
* 838.0   0.4     48     0.4   48    9.0   8.6   *   *
* 840.0   2.9    110     0.4   46    8.9   8.6   A   *
* 842.0   3.4    125     0.4   46    8.7   8.6   A   *
* 844.0   4.2     28     0.4   46    8.6   8.5   A   *
* 846.0   3.9    130     0.4   47    8.5   8.5   A   *
* 848.0   3.8    145     0.4   47    8.5   8.5   A   *
* 850.0   0.4     47     0.4   47    8.4   8.5   *   *
* 852.0   2.1    341     0.4   48    8.4   8.6   A   *
* 854.0   2.2     98     0.4   50    8.5   8.5   A   *
* 856.0   2.5     79     0.4   52    8.7   8.4   A   *
* 858.0   1.1     45     0.4   54    9.0   8.4   A   *
* 860.0   0.7     92     0.4   53    8.7   8.4   A   *
* 862.0   3.2    125     0.4   53    8.3   8.4   A   *
* 864.0   3.0    309     0.4   54    8.4   8.5   A   *
* 866.0   3.8    319     0.4   54    8.3   8.6   A   *
* 868.0   2.4    330     0.4   53    8.4   8.6   A   *
* 870.0   4.4    293     0.4   52    8.3   8.5   A   *
* 872.0  13.1    265     0.4   54    8.2   8.3   A   *
* 874.0  11.2    265     0.4   55    8.1   8.2   A   *
* 876.0   1.1    222     0.4   52    8.2   8.3   C   *
* 878.0   5.1    221     0.4   55    8.3   8.4   C   *
* 880.0   0.4     57     0.4   57    8.2   8.7   *   *
* 882.0   0.4     59     0.4   59    8.2   8.8   *   *
* 884.0   0.4     60     0.4   60    8.2   8.7   *   *
* 886.0   0.4     62     0.4   62    8.1   8.7   *   *
* 888.0   0.4     63     0.4   63    8.1   8.7   *   *
* 890.0   0.4     60     0.4   60    8.2   8.7   *   *
* 892.0   0.4     58     0.4   58    8.2   8.8   *   *
* 894.0   0.4     55     0.4   55    8.2   8.8   *   *
* 896.0  12.3    194     0.4   55    8.3   8.8   B   *
* 898.0  14.0    191     0.4   57    8.5   8.8   B   *
* 900.0   0.4     55     0.4   55    8.3   8.7   *   *
* 902.0   0.4     55     0.4   55    8.2   8.6   *   *
* 904.0   0.5     59     0.5   59    8.1   8.4   *   *
* 906.0   0.5     59     0.5   59    8.3   8.4   *   *
* 908.0   0.5     59     0.5   59    8.3   8.4   *   *
* 910.0   0.5     62     0.5   62    8.3   8.5   *
*****

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* FORMATION *			* BOREHOLE *				* QUAL. *
-----							* INDEX *
* DEPTH *	* DIP *	* DIP AZI. *	* DEV. *	* DEV. AZI. *	* DIAM 1-3 *	* DIAM 2-4 *	* BEST =A *

* 912.0			0.5	63	8.3	8.6	
* 914.0			0.5	64	8.3	8.6	
* 916.0			0.4	54	8.3	8.5	
* 918.0			0.4	50	8.2	8.5	
* 920.0			0.4	57	8.2	8.6	
* 922.0			0.4	55	8.1	8.6	
* 924.0	9.4	168	0.4	52	8.1	8.6	D
* 926.0	7.9	172	0.4	49	8.2	8.5	B
* 928.0			0.4	49	8.2	8.5	
* 930.0			0.4	51	8.2	8.4	
* 932.0	22.5	141	0.4	57	8.4	8.3	D
* 934.0	24.8	136	0.4	58	8.5	8.3	B
* 936.0			0.4	55	8.3	8.3	
* 938.0			0.4	56	8.2	8.4	
* 940.0			0.5	57	8.1	8.5	
* 942.0			0.5	53	8.0	8.5	
* 944.0			0.5	51	8.0	8.4	
* 946.0			0.5	48	8.1	8.3	
* 948.0			0.5	52	8.2	8.4	
* 950.0			0.5	57	8.2	8.5	
* 952.0	66.0	19	0.5	55	8.1	8.5	D
* 954.0	70.5	15	0.5	52	8.1	8.4	B
* 956.0	71.2	15	0.5	51	8.1	8.5	B
* 958.0			0.5	51	8.1	8.5	
* 960.0	74.3	12	0.5	45	8.1	8.5	D
* 962.0			0.5	43	8.1	8.5	
* 964.0			0.5	48	8.1	8.4	
* 966.0			0.5	47	8.1	8.4	
* 968.0			0.5	47	8.0	8.4	
* 970.0			0.5	56	8.0	8.6	
* 972.0			0.5	63	7.9	8.9	
* 974.0			0.5	65	7.9	9.0	
* 976.0			0.5	62	7.9	8.9	
* 978.0			0.5	59	8.0	8.8	
* 980.0			0.5	55	8.0	8.8	
* 982.0			0.5	54	8.0	8.7	
* 984.0			0.5	55	8.0	8.7	
* 986.0			0.4	51	8.1	8.7	
* 988.0			0.4	48	8.1	8.7	
* 990.0	26.5	261	0.4	54	8.1	8.7	D



QUINTANA PETRO.

GATH #1

PAGE 3-FILE 1

```
*****
*          *          *          *          *          *          *          *
*          *  FORMATION  *          *          *  BOREHOLE  *          *  QUAL.  *
*          *-----*-----*          *          *-----*  INDEX  *
*  DEPTH  *  DIP    DIP  *  DEV.  DEV.  DIAM  DIAM  *  BEST  *
*          *          AZI.  *          *          AZI.  1-3  2-4  *  =A  *
*****
*
*  992.0  23.0    264    0.4    58    8.1    8.8    D    *
*  994.0  23.6    266    0.5    54    7.9    8.8    D    *
*  996.0          0.5    50    8.2    8.8    *
*  998.0  40.6    182    0.4    47    9.0    8.9    B    *
*  1000.0          0.4    50    9.0    9.1    *
*****
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QUINTANA PETRO.

GATH #1

SUMMARY

```
*****
* DEPTH *   DIP   DIP *   DEV   DEV   DIAM   DIAM * QUAL *
*       *       AZM *   AZM   AZM   1-3   2-4 *   *
*****
*
* TOP
* 832.0   5.4   53.   0.6   36.   8.8   8.6   A
*
* BOTTOM
* 5986.0  5.8   163.  4.2   313.  8.0   7.9   B
*
* TOP
* 832.0   4.9   74.   0.4   53.   8.8   8.6   A
*
* BOTTOM
* 1000.0  42.0  135.  0.4   50.   9.0   9.1   *
*
*****
```