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* SCHLUMBERGER *

HIGH RESOLUTION

DIPMETER

CLUSTER LISTING

REICHOOLD ENERGY

MIST

COLUMBIA, OREGON

COLUMBIA COUNTY #4

RUN NO. ONE JOB NO. 6563

CLUSTER RESULTS ONLY

4 FT. CORR. - 2 FT. STEP

30 DEG. X2 SEARCH ANGLE

* * * * *
* SCHLUMBERGER *
* * * * *

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REICHOLO ENERGY

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CLUSTER RESULTS ONLY

4 FT. CORR. - 2 FT. STEP

30 DEG. X2 SEARCH ANGLE

FORMATION		BOREHOLE		QUAL.			
DEPTH	DIP	DIP AZI.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A	INDEX
416.0			0.2	58	7.7	8.4	
418.0	17.4	354	0.2	58	8.1	8.3	C
420.0	6.5	280	0.2	62	8.1	8.0	A
422.0	2.8	245	0.3	66	8.1	7.7	A
424.0			0.4	67	8.3	7.4	
426.0			0.4	67	8.4	7.4	
428.0	12.1	277	0.4	68	8.5	7.4	C
430.0	13.3	299	0.4	66	8.7	7.2	A
432.0	13.4	301	0.5	65	8.9	7.2	A
434.0			0.5	66	9.1	7.1	
436.0	4.9	205	0.5	66	9.2	7.1	C
438.0	1.6	197	0.5	66	9.1	7.0	D
440.0	1.0	142	0.5	64	8.9	7.2	D
442.0			0.6	63	8.9	7.2	
444.0			0.6	62	9.0	7.3	
446.0			0.6	61	9.1	7.2	
448.0	4.2	211	0.6	63	9.2	7.1	D
450.0	2.9	277	0.6	63	9.2	7.4	B
452.0	2.5	280	0.6	61	9.3	7.9	B
454.0	3.6	296	0.6	64	9.6	8.0	B
456.0	3.9	262	0.6	70	9.8	7.3	D
458.0	5.1	266	0.6	66	9.8	6.8	A
460.0	3.9	276	0.6	60	10.0	6.9	C
462.0	5.3	259	0.6	59	10.2	7.1	C
464.0	4.3	288	0.6	60	10.3	7.0	C
466.0	6.9	296	0.6	61	10.4	6.8	C
468.0	4.7	275	0.6	60	10.5	6.7	C
470.0	4.4	257	0.5	61	10.8	6.7	A
472.0	4.3	291	0.4	61	11.1	6.7	A
474.0	5.3	263	0.3	58	11.5	6.8	A
476.0			0.2	56	11.6	6.8	
478.0	0.9	222	0.0	0	10.9	6.6	C
480.0	2.5	246	0.0	0	10.3	6.5	A
482.0	4.4	237	0.0	0	10.1	6.4	A
484.0	3.3	213	0.0	0	10.2	6.5	C
486.0	1.9	168	0.0	0	10.3	6.3	A
488.0	2.6	186	0.0	0	10.3	6.2	C
490.0	2.7	122	0.0	0	10.4	6.3	C
492.0	4.3	98	0.0	0	10.4	6.3	A
494.0	5.3	89	0.2	229	10.3	6.3	A

FORMATION		BOREHOLE		QUAL.			
-----		-----		INDEX			
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	=A
496.0	8.9	71	0.4	230	10.2	6.3	A
498.0	11.5	70	0.6	233	10.1	6.2	A
500.0	6.9	137	0.7	236	10.1	6.3	A
502.0	8.6	150	0.9	238	10.2	6.3	A
504.0	8.3	161	1.1	241	10.1	6.5	C
506.0	6.3	162	1.3	241	10.1	6.5	A
508.0	5.7	151	1.5	241	10.0	6.5	A
510.0	4.1	155	1.6	241	9.9	6.6	A
512.0	3.8	167	1.8	242	9.8	6.6	A
514.0	4.1	173	2.0	245	9.7	6.6	A
516.0	2.6	178	2.1	246	9.7	6.6	A
518.0	2.2	195	2.3	246	9.6	6.6	A
520.0	2.2	194	2.4	247	9.5	6.6	A
522.0	2.4	180	2.6	245	9.4	6.5	A
524.0	5.6	186	2.8	244	9.1	6.3	C
526.0	6.5	198	3.1	244	8.6	6.2	A
528.0	4.9	172	3.3	245	8.5	6.2	A
530.0	3.8	175	3.5	245	8.9	6.3	A
532.0	2.7	237	3.7	244	9.3	6.5	A
534.0	3.9	208	4.0	246	9.4	6.6	A
536.0	7.4	185	4.2	246	9.5	6.6	A
538.0	7.9	180	4.5	246	9.6	6.5	A
540.0	6.3	154	4.7	245	9.7	6.6	A
542.0	6.1	145	4.9	246	9.8	6.6	A
544.0	4.4	120	5.0	246	9.9	6.5	A
546.0	17.8	97	5.2	246	9.9	6.5	B
548.0	18.0	115	5.4	248	9.8	6.4	D
550.0			5.5	249	9.7	6.4	
552.0			5.7	251	9.8	6.5	
554.0			5.9	254	9.7	6.5	
556.0			6.1	258	9.6	6.5	
558.0			6.4	258	9.6	6.5	
560.0			6.5	259	9.6	6.5	
562.0			6.7	263	9.5	6.5	
564.0			6.9	262	9.3	6.6	
566.0	4.5	241	7.1	256	9.2	6.6	A
568.0	4.2	252	7.2	252	9.1	6.6	A
570.0	3.6	229	7.4	257	9.0	6.5	A
572.0	3.4	232	7.6	258	8.9	6.6	A
574.0	3.8	253	7.8	256	8.8	6.6	A

REICHOILD ENERGY		COLUMBIA COUNTY #4				PAGE 3-FILE 2	

FORMATION				BOREHOLE			QUAL.

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

576.0	4.2	253	8.0	255	8.7	6.6	A
578.0	4.5	245	8.1	256	8.6	6.6	A
580.0	4.6	235	8.3	257	8.5	6.6	A
582.0	3.9	246	8.5	247	8.5	6.6	A
584.0	3.6	273	8.6	240	8.4	6.6	A
586.0	3.0	282	8.8	240	8.4	6.5	A
588.0	2.7	277	8.9	240	8.4	6.5	A
590.0	2.7	268	9.1	239	8.5	6.6	A
592.0	2.4	277	9.2	238	8.5	6.7	A
594.0	2.1	277	9.3	238	8.5	6.8	A
596.0	3.0	282	9.4	238	8.6	6.8	A
598.0	3.7	275	9.5	237	8.7	6.8	A
600.0	3.4	258	9.6	238	8.8	6.8	A
602.0	5.1	234	9.8	238	9.0	6.9	C
604.0	7.7	259	9.8	238	9.0	7.0	A
606.0	6.2	273	9.9	238	9.1	7.0	A
608.0	5.6	289	10.0	238	9.1	7.2	A
610.0	10.1	305	10.0	239	9.2	7.2	A
612.0	9.0	326	10.0	240	9.3	7.1	A
614.0	8.6	304	10.1	238	9.4	6.9	C
616.0	3.4	305	10.2	237	9.6	6.7	A
618.0	6.6	269	10.2	238	9.7	6.7	C
620.0	5.1	254	10.2	238	9.8	6.8	A
622.0	6.4	218	10.3	240	9.8	6.9	A
624.0	13.0	241	10.3	247	9.6	6.9	C
626.0	0.5	337	10.3	256	9.5	7.0	C
628.0	1.0	276	10.3	248	9.6	7.1	A
630.0	2.9	244	10.4	238	9.5	7.1	A
632.0	3.1	247	10.4	240	9.5	7.0	A
634.0	7.0	302	10.5	240	9.6	6.9	A
636.0	7.2	300	10.5	240	9.6	6.9	A
639.0	9.0	302	10.5	240	9.5	7.1	A
640.0	6.6	306	10.6	247	9.4	7.2	A
642.0	3.9	266	10.6	253	9.4	7.2	C
644.0	8.2	308	10.6	248	9.4	7.3	A
646.0	1.8	277	10.6	242	9.5	7.3	A
648.0	1.5	307	10.6	241	9.6	7.5	A
650.0	15.7	232	10.6	240	9.6	7.6	D
652.0	7.2	223	10.6	239	9.6	7.6	C
654.0	6.2	242	10.7	239	9.5	7.6	A

FORMATION		BOREHOLE		QUAL.			
-----		-----		INDEX			
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.	AZI.	1-3	2-4	=A	
656.0	6.6	262	10.8	239	9.4	7.6	A
658.0	5.0	244	10.9	250	9.0	7.4	A
660.0	4.1	241	11.0	255	8.6	7.0	A
662.0	4.5	249	11.1	256	8.4	6.8	A
664.0	3.4	243	11.2	259	8.4	6.7	A
666.0	3.3	239	11.3	260	8.4	6.7	A
668.0	3.5	262	11.4	253	8.4	6.7	A
670.0	2.5	293	11.6	243	8.5	6.6	A
672.0	4.1	302	11.7	243	8.5	6.6	A
674.0	5.8	308	11.9	242	8.5	6.6	A
676.0	5.8	294	12.0	240	8.5	6.7	A
678.0	4.0	297	12.1	244	8.4	6.6	A
680.0	2.5	313	12.2	246	8.4	6.6	A
682.0	2.1	343	12.3	247	8.4	6.6	A
684.0	2.9	352	12.4	244	8.4	6.7	A
686.0	4.0	337	12.5	238	8.4	6.8	A
688.0	4.6	311	12.6	238	8.4	6.7	A
690.0	4.9	250	12.7	238	8.4	6.7	A
692.0	5.7	234	12.8	238	8.4	6.7	A
694.0	5.4	234	12.9	239	8.4	6.7	A
696.0	6.9	232	13.0	239	8.4	6.6	A
698.0	6.7	236	13.2	241	8.5	6.6	A
700.0	6.1	238	13.3	242	8.6	6.7	A
702.0	5.5	274	13.4	242	8.6	6.7	A
704.0	1.5	139	13.5	243	8.6	6.6	A
706.0	1.8	104	13.7	243	8.7	6.7	A
708.0	2.5	355	13.8	243	8.8	6.8	C
710.0			13.9	243	8.8	6.7	
712.0			14.0	243	8.7	6.6	
714.0			14.1	244	8.7	6.6	
716.0			14.3	245	8.8	6.6	
718.0			14.4	244	8.8	6.6	
720.0			14.5	244	8.8	6.7	
722.0	12.2	27	14.6	245	8.8	6.6	B
724.0	14.4	29	14.8	246	8.9	6.6	B
726.0			14.9	246	8.9	6.7	
728.0			15.0	246	8.9	6.7	
730.0			15.2	245	8.9	6.8	
732.0			15.3	244	8.9	6.7	
734.0	11.1	26	15.4	245	8.9	6.7	D

REICHHOLD ENERGY			COLUMBIA COUNTY #4			PAGE 5-FILE 2	
FORMATION			BOREHOLE			QUAL.	
-----			-----			INDEX	
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	=A
736.0			15.6	246	8.9	6.7	
738.0			15.7	246	8.9	6.7	
740.0			15.8	246	8.9	6.7	
742.0			15.9	245	8.9	6.7	
744.0			16.0	245	8.9	6.7	
746.0			16.2	245	8.8	6.8	
748.0			16.3	245	8.8	6.7	
750.0			16.4	245	8.8	6.7	
752.0			16.5	245	8.7	6.7	
754.0			16.7	245	8.7	6.7	
756.0			16.8	246	8.7	6.7	
758.0			17.0	247	8.7	6.7	
760.0			17.1	247	8.7	6.7	
762.0			17.2	247	8.7	6.7	
764.0			17.3	247	8.7	6.7	
766.0			17.5	247	8.7	6.7	
768.0			17.7	247	8.7	6.7	
770.0			17.8	247	8.7	6.7	
772.0			18.0	249	8.7	6.7	
774.0			18.1	251	8.7	6.7	
776.0			18.2	251	8.7	6.6	
778.0	5.5	321	18.4	250	8.7	6.7	D
780.0	2.9	312	18.5	250	8.7	6.8	D
782.0			18.6	249	8.7	6.8	
784.0	66.9	33	18.7	249	8.7	6.9	D
786.0	67.3	32	18.9	249	8.7	6.9	D
788.0			19.0	248	8.6	6.9	
790.0			19.0	248	8.5	6.8	
792.0			19.1	250	8.4	6.8	
794.0	6.5	263	19.2	250	8.4	6.8	B
796.0	3.9	307	19.2	249	8.3	6.8	A
798.0	4.0	333	19.3	250	8.3	6.8	C
800.0	3.3	322	19.4	249	8.3	6.8	A
802.0	2.4	352	19.4	250	8.3	6.8	A
804.0	4.9	353	19.5	251	8.3	6.8	C
806.0			19.6	250	8.2	6.7	
808.0			19.6	249	8.2	6.7	
810.0	5.3	29	19.7	250	8.2	6.8	A
812.0	8.2	5	19.7	252	8.1	6.7	A
814.0	7.8	9	19.7	254	8.1	6.6	A

REICHHOLD ENERGY			COLUMBIA COUNTY #4			PAGE 6-FILE 2	
* FORMATION *			* BOREHOLE *			* QUAL. *	
-----			*-----*			* INDEX *	
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	=A
816.0	6.2	22	19.7	250	8.2	6.7	A
818.0	9.2	28	19.7	247	8.2	6.7	A
820.0	8.8	18	19.7	247	8.2	6.7	A
822.0	8.7	23	19.8	246	8.2	6.7	A
824.0	9.6	33	19.8	246	8.2	6.6	A
826.0	9.1	36	19.8	248	8.2	6.6	A
828.0	8.8	26	19.8	247	8.2	6.6	A
830.0	8.4	43	19.8	246	8.0	6.6	A
832.0	7.9	45	19.8	245	8.0	6.6	A
834.0	8.9	36	19.8	245	8.0	6.6	A
836.0	7.9	39	19.9	247	7.9	6.6	A
838.0	9.3	45	19.9	251	7.9	6.6	A
840.0	10.6	42	19.9	250	8.0	6.6	A
842.0	8.2	49	20.0	247	8.1	6.6	A
844.0	9.5	44	20.0	249	8.1	6.6	E
846.0	10.5	54	20.0	249	8.1	6.6	E
848.0	10.2	32	20.0	247	8.0	6.7	C
850.0			20.0	247	7.9	6.6	
852.0			20.1	248	7.9	6.7	
854.0	9.5	38	20.1	249	7.9	6.6	E
856.0	7.9	52	20.1	248	7.9	6.6	E
858.0	6.7	67	20.1	249	8.0	6.7	E
860.0	10.2	70	20.2	251	8.0	6.7	C
862.0	10.1	64	20.2	251	8.0	6.8	A
864.0	6.7	29	20.2	248	7.9	6.8	A
866.0	5.6	21	20.2	247	7.7	6.7	E
868.0	6.1	2	20.2	249	7.8	6.7	A
870.0	11.5	34	20.2	248	8.1	6.7	A
872.0	8.5	49	20.2	248	8.2	6.7	A
874.0	7.9	48	20.2	247	8.2	6.7	A
876.0	7.1	49	20.2	246	8.2	6.7	A
878.0	6.0	52	20.2	247	8.2	6.7	E
880.0	6.9	40	20.3	247	8.3	6.7	E
882.0	5.9	48	20.3	247	8.3	6.7	E
884.0	5.5	55	20.3	248	8.3	6.7	E
886.0			20.3	248	8.5	6.7	
888.0	4.4	118	20.3	248	8.6	6.7	D
890.0	4.2	111	20.3	248	8.5	6.8	B
892.0	4.9	79	20.3	248	8.5	6.7	D
894.0	7.4	112	20.3	247	8.5	6.7	D

FORMATION			BOREHOLE				QUAL.

DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	=A
896.0			20.4	246	8.4	6.7	
898.0			20.4	248	8.3	6.6	
900.0			20.4	249	8.3	6.6	
902.0			20.4	248	8.4	6.6	
904.0			20.4	248	8.4	6.6	
906.0	12.9	135	20.4	248	8.4	6.6	C
908.0	18.6	132	20.4	247	8.4	6.6	E
910.0	19.6	135	20.5	247	8.3	6.7	A
912.0	19.3	136	20.5	248	8.4	6.7	E
914.0	22.4	133	20.5	248	8.4	6.7	C
916.0	11.3	140	20.5	248	8.4	6.6	A
918.0	9.5	127	20.5	247	8.5	6.6	E
920.0	10.1	136	20.5	248	8.4	6.6	C
922.0	5.7	124	20.5	249	8.4	6.6	C
924.0	1.0	93	20.5	250	8.5	6.7	C
926.0	7.5	101	20.5	249	8.5	6.6	C
928.0	9.2	87	20.5	249	8.4	6.6	E
930.0			20.6	250	8.2	6.6	
932.0	15.2	104	20.6	250	8.2	6.6	C
934.0	11.0	60	20.6	250	8.2	6.5	C
936.0	12.4	49	20.6	250	8.2	6.5	A
938.0	10.9	42	20.6	251	8.2	6.6	A
940.0	12.3	45	20.6	252	8.2	6.6	E
942.0	16.1	49	20.6	252	8.2	6.6	C
944.0	16.0	46	20.6	249	8.2	6.6	C
946.0	12.2	43	20.6	249	8.1	6.5	A
948.0	12.4	42	20.6	249	8.1	6.5	A
950.0	12.3	45	20.6	251	8.1	6.5	A
952.0	12.7	46	20.6	251	8.0	6.5	E
954.0	13.4	47	20.7	250	7.8	6.5	E
956.0	13.4	44	20.7	249	7.8	6.5	A
958.0	11.5	41	20.7	249	7.8	6.5	E
960.0	12.0	48	20.7	251	7.6	6.5	E
962.0	15.1	47	20.8	252	7.8	6.4	E
964.0	14.0	46	20.8	252	8.1	6.5	E
966.0	13.0	49	20.8	251	8.1	6.4	E
968.0	13.1	50	20.8	250	8.1	6.4	E
970.0	12.5	45	20.8	251	8.1	6.5	E
972.0	12.0	46	20.8	252	8.2	6.5	E
974.0	12.3	48	20.8	251	8.2	6.4	E

FORMATION		BOREHOLE						QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A	
976.0	11.9	49	20.8	250	8.2	6.4	A	
978.0	11.7	48	20.8	251	8.2	6.4	A	
980.0	13.4	52	20.8	249	8.3	6.4	E	
982.0	12.6	45	20.8	248	8.3	6.4	E	
984.0	12.5	40	20.8	248	8.2	6.4	E	
986.0	13.7	44	20.8	247	8.2	6.5	E	
988.0	30.4	108	20.8	245	8.1	6.5	D	
990.0	12.0	32	20.8	245	8.1	6.5	F	
992.0	11.6	35	20.8	245	8.1	6.6	F	
994.0	27.2	109	20.9	245	8.1	6.6	F	
996.0			20.9	247	8.0	6.6		
998.0	10.4	34	20.9	247	8.2	6.6	B	
1000.0	10.4	20	20.9	246	8.3	6.5	A	
1002.0	9.5	12	20.9	247	8.3	6.4	E	
1004.0	9.1	26	20.9	246	8.3	6.4	E	
1006.0	10.8	22	20.8	245	8.3	6.4	E	
1008.0	12.5	31	20.8	244	8.2	6.4	C	
1010.0	14.5	65	20.8	246	8.2	6.4	C	
1012.0			20.8	245	8.2	6.4		
1014.0	11.8	61	20.8	245	8.1	6.4	E	
1016.0	11.8	62	20.8	246	8.1	6.4	F	
1018.0	10.1	53	20.8	245	8.1	6.4	C	
1020.0	13.0	58	20.8	245	8.2	6.4	C	
1022.0	11.9	70	20.8	247	8.2	6.4	C	
1024.0	14.1	75	20.8	246	8.1	6.4	A	
1026.0	13.4	74	20.8	245	8.0	6.5	A	
1028.0	12.6	73	20.8	246	8.1	6.5	E	
1030.0	11.7	71	20.8	245	8.1	6.5	A	
1032.0	12.4	67	20.8	244	8.1	6.5	E	
1034.0	12.7	70	20.8	244	8.0	6.4	E	
1036.0	11.9	69	20.8	244	8.0	6.4	E	
1038.0	12.3	70	20.8	244	8.0	6.4	A	
1040.0	12.8	70	20.8	245	8.1	6.4	A	
1042.0	13.4	73	20.8	245	8.1	6.5	A	
1044.0	13.1	78	20.7	245	8.1	6.5	E	
1046.0	12.9	79	20.7	244	8.1	6.5	E	
1048.0	15.2	88	20.7	244	8.1	6.5	F	
1050.0	17.1	99	20.7	244	8.2	6.4	F	
1052.0	16.6	114	20.7	245	8.3	6.4	F	
1054.0	18.4	108	20.7	245	8.3	6.4	F	

 * 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
1056.0	19.4	106	20.7	245	8.2	6.4	D
1058.0			20.7	246	8.1	6.4	
1060.0			20.7	246	8.1	6.5	
1062.0	18.0	129	20.7	246	8.1	6.5	F
1064.0	21.1	133	20.7	248	8.1	6.5	F
1066.0			20.7	249	8.1	6.5	
1068.0			20.7	253	8.1	6.5	
1070.0	29.3	141	20.7	254	8.1	6.5	E
1072.0	30.2	145	20.8	255	8.1	6.5	E
1074.0	30.9	144	20.6	258	8.1	6.5	E
1076.0	27.9	137	20.6	257	9.0	6.5	E
1078.0	26.4	139	20.6	257	8.0	6.5	E
1080.0	27.4	139	20.6	255	7.9	6.5	E
1082.0	27.0	131	20.6	254	7.9	6.5	E
1084.0	14.3	75	20.6	247	7.9	6.6	A
1086.0	15.0	71	20.6	244	7.9	6.6	A
1088.0	8.7	93	20.6	248	7.8	6.6	A
1090.0	10.6	94	20.7	253	7.7	6.7	E
1092.0	9.9	88	20.7	255	7.7	6.8	E
1094.0	11.0	84	20.8	253	7.7	6.7	E
1096.0	10.7	77	20.7	250	7.8	6.7	A
1098.0	12.3	79	20.7	249	7.9	6.6	A
1100.0	13.4	82	20.7	249	7.8	6.6	E
1102.0	13.4	77	20.7	246	7.9	6.6	E
1104.0	12.5	71	20.7	243	8.0	6.6	E
1106.0	12.1	80	20.7	245	8.1	6.7	E
1108.0	11.6	74	20.7	245	8.0	6.6	A
1110.0	11.7	70	20.6	248	7.9	6.6	A
1112.0	13.2	79	20.6	254	7.9	6.6	C
1114.0	13.4	98	20.6	256	7.9	6.6	A
1116.0	13.6	114	20.6	253	7.9	6.6	E
1118.0	14.8	79	20.7	249	7.8	6.7	E
1120.0	14.8	80	20.7	250	7.8	6.6	E
1122.0	10.0	83	20.7	251	8.0	6.7	E
1124.0	11.6	93	20.7	248	8.0	6.7	E
1126.0	8.9	66	20.7	245	8.1	6.7	A
1128.0	8.5	79	20.7	246	8.0	6.6	A
1130.0	8.0	81	20.7	245	8.0	6.6	E
1132.0	7.0	83	20.7	245	8.0	6.6	C
1134.0			20.7	245	8.0	6.6	

FORMATION				BOREHOLE				QUAL.
-----				-----				INDEX
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A	
1136.0			20.7	245	8.0	6.5		
1138.0	16.2	344	20.7	245	8.0	6.5	D	
1140.0	16.2	347	20.7	245	7.9	6.5	D	
1142.0			20.7	251	7.8	6.5		
1144.0			20.7	254	7.5	6.4		
1146.0	25.5	358	20.7	250	7.4	6.4	B	
1148.0	28.1	360	20.7	247	7.7	6.4	B	
1150.0	34.1	7	20.7	246	7.9	6.5	F	
1152.0			20.7	247	8.0	6.5		
1154.0	25.7	3	20.7	247	8.0	6.5	D	
1156.0	27.6	18	20.7	247	7.9	6.5	D	
1158.0			20.7	248	8.0	6.5		
1160.0			20.7	247	8.0	6.5		
1162.0			20.7	247	7.9	6.5		
1164.0			20.7	247	8.0	6.5		
1166.0			20.7	245	8.1	6.4		
1168.0			20.7	244	8.1	6.4		
1170.0			20.7	245	8.1	6.4		
1172.0			20.6	245	8.1	6.4		
1174.0			20.6	245	8.0	6.4		
1176.0			20.6	245	7.9	6.4		
1178.0			20.6	245	8.0	6.5		
1180.0			20.6	246	8.0	6.5		
1182.0			20.6	246	8.0	6.5		
1184.0			20.6	246	8.0	6.5		
1186.0	44.8	30	20.6	245	7.8	6.5	B	
1188.0	41.6	29	20.5	246	7.6	6.5	B	
1190.0	13.7	39	20.5	248	7.7	6.6	B	
1192.0			20.6	248	7.8	6.6		
1194.0			20.5	247	7.9	6.6		
1196.0			20.5	247	7.9	6.6		
1198.0			20.5	247	7.9	6.6		
1200.0			20.5	245	7.8	6.5		
1202.0			20.5	252	7.8	6.5		
1204.0			20.5	253	7.8	6.6		
1206.0			20.5	246	7.9	6.6		
1208.0			20.5	245	8.0	6.6		
1210.0			20.5	245	8.0	6.6		
1212.0			20.5	245	8.0	6.6		
1214.0			20.5	245	8.0	6.5		

FORMATION				BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A	
1216.0			20.5	245	8.0	6.5		
1218.0			20.5	244	8.0	6.6		
1220.0	20.0	103	20.5	245	7.9	6.6	F	
1222.0	20.0	104	20.5	244	7.9	6.5	F	
1224.0			20.5	244	7.9	6.5		
1226.0			20.5	244	8.0	6.5		
1228.0			20.5	246	7.9	6.6		
1230.0			20.5	247	7.9	6.6		
1232.0			20.5	247	7.9	6.6		
1234.0	44.5	120	20.5	246	7.9	6.6	D	
1236.0	38.5	118	20.5	246	7.8	6.6	D	
1238.0	38.9	119	20.4	246	7.9	6.6	D	
1240.0	41.0	120	20.4	245	7.9	6.6	D	
1242.0	32.2	92	20.4	245	7.8	6.5	B	
1244.0	33.4	93	20.4	245	7.7	6.5	B	
1246.0			20.4	244	7.8	6.5		
1248.0			20.4	244	7.9	6.6		
1250.0	22.6	182	20.4	246	7.9	6.6	F	
1252.0			20.4	246	7.9	6.6		
1254.0			20.3	246	7.8	6.7		
1256.0			20.3	246	7.7	6.6		
1258.0	24.7	176	20.3	245	7.8	6.6	D	
1260.0			20.3	245	7.8	6.6		
1262.0			20.3	245	7.8	6.6		
1264.0			20.3	245	7.9	6.6		
1266.0			20.3	244	7.9	6.6		
1268.0			20.3	243	7.9	6.7		
1270.0			20.2	247	7.9	6.7		
1272.0			20.2	251	8.0	6.7		
1274.0			20.2	247	7.9	6.6		
1276.0			20.2	245	7.9	6.6		
1278.0			20.2	245	7.9	6.6		
1280.0			20.2	245	7.9	6.5		
1282.0			20.2	246	7.9	6.5		
1284.0			20.2	250	7.9	6.5		
1286.0	52.0	26	20.2	250	7.8	6.6	D	
1288.0			20.3	248	7.7	6.6		
1290.0	50.9	34	20.3	247	7.6	6.6	D	
1292.0	50.4	31	20.3	245	7.6	6.6	D	
1294.0	47.9	29	20.3	246	7.6	6.6	D	

*****		*****		*****		*****		*****	
* FORMATION *		* BOREHOLE *		* QUAL. *		* INDEX *		* REST *	
----------*		*-----*-----*		*-----*-----*		*-----*-----*		*-----*-----*	
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	DIAM	DIAM	REST
		AZI.		AZI.	1-3	2-4	2-4	2-4	=A
*****		*****		*****		*****		*****	
1296.0	52.3	27	20.2	247	7.6	6.6			D
1298.0	51.9	26	20.2	247	7.7	6.6			D
1300.0	60.9	24	20.2	248	7.7	6.5			D
1302.0			20.2	248	7.8	6.5			
1304.0			20.2	252	7.7	6.6			
1306.0			20.1	254	7.6	6.6			
1308.0			20.1	255	7.6	6.6			
1310.0			20.1	256	7.5	6.5			
1312.0	3.2	207	20.1	257	7.2	6.4			F
1314.0	12.9	236	20.1	250	6.6	6.2			F
1316.0			20.1	244	6.6	6.2			
1318.0			20.1	248	7.0	6.5			
1320.0			20.1	249	7.3	6.5			
1322.0			20.0	247	7.4	6.6			
1324.0	1.6	264	20.0	244	7.4	6.7			B
1326.0	7.3	238	19.9	248	7.4	6.6			A
1328.0	6.7	225	19.9	254	7.4	6.5			A
1330.0	7.1	220	19.9	255	7.4	6.5			A
1332.0	5.7	201	20.0	259	7.4	6.5			F
1334.0	9.0	185	19.9	263	7.4	6.5			A
1336.0	9.9	208	19.9	263	7.3	6.5			A
1338.0			19.9	260	7.3	6.6			
1340.0			19.9	252	7.3	6.6			
1342.0	46.2	157	19.9	243	7.3	6.7			B
1344.0			19.9	243	7.3	6.8			
1346.0			19.9	244	7.3	6.7			
1348.0			19.9	243	7.3	6.7			
1350.0			19.9	245	7.3	6.7			
1352.0			19.8	247	7.4	6.6			
1354.0			19.8	245	7.4	6.6			
1356.0			19.8	244	7.4	6.7			
1358.0			19.8	245	7.4	6.8			
1360.0	28.3	14	19.8	245	7.4	6.7			B
1362.0	21.5	2	19.8	244	7.3	6.6			C
1364.0	26.4	15	19.8	243	7.4	6.6			D
1366.0	11.0	325	19.8	244	7.4	6.7			A
1368.0	10.3	323	19.8	246	7.3	6.8			A
1370.0	9.4	6	19.8	246	7.3	6.7			A
1372.0	8.8	360	19.8	244	7.3	6.6			A
1374.0			19.8	245	7.3	6.7			

FORMATION		BOREHOLE		QUAL.				
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST	INDEX
		AZI.	AZI.		1-3	2-4	=A	
1376.0			19.8	247	7.3	6.8		
1378.0			19.8	247	7.3	6.8		
1380.0			19.8	246	7.3	6.7		
1382.0	2.2	250	19.8	245	7.3	6.6	D	
1384.0	4.6	244	19.8	244	7.3	6.6	H	
1386.0	9.2	258	19.7	244	7.2	6.7	H	
1388.0			19.6	246	7.2	7.0		
1390.0	5.0	216	19.8	246	7.2	7.0	D	
1392.0	5.8	240	19.8	245	7.3	6.8	D	
1394.0	21.3	182	19.8	246	7.3	6.9	D	
1396.0	11.1	157	19.6	246	7.3	6.8	C	
1398.0	12.7	136	19.8	249	7.4	6.6	A	
1400.0	12.5	138	19.8	247	7.4	6.7	A	
1402.0	8.5	146	19.7	245	7.3	6.7	A	
1404.0	7.7	141	19.7	245	7.3	6.7	A	
1406.0	17.2	171	19.7	246	7.3	6.7	C	
1408.0	15.1	174	19.8	246	7.3	6.7	C	
1410.0	8.2	164	19.8	250	7.3	6.7	C	
1412.0	9.4	162	19.8	257	7.3	6.7	C	
1414.0	6.7	89	19.8	262	7.3	6.7	A	
1416.0	7.1	101	19.8	263	7.3	6.7	A	
1418.0	7.1	117	19.8	265	7.3	6.7	A	
1420.0	7.0	119	19.8	260	7.3	6.6	A	
1422.0	8.0	134	19.8	250	7.3	6.7	A	
1424.0	6.3	80	19.8	252	7.3	6.7	A	
1426.0	5.9	162	19.8	261	7.3	6.6	A	
1428.0	2.3	160	19.8	263	7.3	6.6	A	
1430.0	1.6	157	19.8	258	7.3	6.6	A	
1432.0	0.7	77	19.8	252	7.3	6.5	A	
1434.0	2.2	44	19.8	248	7.3	6.5	A	
1436.0	9.4	308	19.8	248	7.3	6.5	A	
1438.0	3.5	345	19.8	248	7.3	6.5	A	
1440.0	6.0	84	19.8	247	7.3	6.5	B	
1442.0	6.8	134	19.8	246	7.3	6.5	B	
1444.0	5.2	136	19.8	246	7.3	6.6	B	
1446.0	19.2	58	19.8	247	7.3	6.7	B	
1448.0	18.6	59	19.8	247	7.3	6.6	B	
1450.0	7.3	331	19.8	247	7.4	6.6	A	
1452.0	3.9	311	19.8	253	7.4	6.6	A	
1454.0	3.1	198	19.8	262	7.3	6.6	A	

FORMATION			BOREHOLE				QUAL.
-----			-----				INDEX
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	=A
1456.0	2.2	291	19.8	254	7.3	6.6	A
1458.0	8.8	335	19.8	245	7.4	6.6	A
1460.0	7.4	326	19.8	248	7.4	6.6	A
1462.0	7.0	336	19.8	249	7.3	6.6	A
1464.0	4.7	326	19.8	248	7.3	6.6	A
1466.0	3.8	342	19.8	246	7.4	6.6	A
1468.0	5.3	360	19.6	245	7.4	6.6	C
1470.0	9.9	326	19.8	246	7.3	6.6	A
1472.0	11.1	334	19.8	247	7.3	6.6	A
1474.0	13.2	331	19.8	248	7.4	6.6	A
1476.0	13.9	313	19.8	252	7.4	6.6	A
1478.0	9.2	327	19.8	257	7.4	6.6	A
1480.0	3.3	304	19.7	264	7.4	6.6	A
1482.0	3.1	287	19.7	266	7.4	6.6	A
1484.0	4.6	286	19.7	261	7.4	6.5	A
1486.0	5.6	267	19.7	263	7.4	6.5	A
1488.0	7.7	271	19.7	261	7.4	6.6	A
1490.0	10.7	277	19.7	253	7.4	6.6	A
1492.0	9.0	298	19.7	249	7.3	6.6	C
1494.0	9.1	292	19.7	249	7.3	6.6	A
1496.0	9.1	292	19.7	248	7.4	6.6	A
1498.0	12.2	306	19.7	248	7.4	6.6	A
1500.0	9.1	308	19.7	248	7.3	6.6	A
1502.0	7.2	299	19.6	248	7.3	6.6	A
1504.0	7.9	290	19.6	248	7.3	6.6	A
1506.0	6.3	300	19.7	256	7.3	6.6	A
1508.0	4.4	299	19.7	262	7.3	6.6	A
1510.0	13.3	294	19.6	264	7.3	6.6	C
1512.0	5.4	279	19.6	261	7.3	6.6	A
1514.0	4.7	323	19.6	251	7.3	6.6	A
1516.0	3.8	359	19.6	249	7.2	6.6	A
1518.0	5.1	40	19.6	249	7.2	6.6	C
1520.0	6.0	33	19.6	248	7.2	6.6	A
1522.0	8.4	3	19.6	249	7.2	6.6	A
1524.0	8.8	3	19.6	249	7.2	6.6	A
1526.0	6.5	24	19.6	250	7.2	6.6	A
1528.0	5.5	43	19.5	251	7.2	6.6	A
1530.0	12.8	279	19.5	251	7.2	6.6	A
1532.0	13.8	275	19.5	251	7.2	6.6	A
1534.0	10.3	264	19.5	251	7.2	6.6	C

REICHHOLD ENERGY			COLUMBIA COUNTY #4				PAGE 15-FILE 2	
* FORMATION *			* BOREHOLE *				* QUAL. *	
-----			*-----*				* INDEX *	
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST	
		AZI.		AZI.	1-3	2-4	=A	
1536.0	9.4	262	19.5	251	7.2	6.6	C	
1538.0	19.1	249	19.4	251	7.2	6.6	A	
1540.0	14.0	251	19.4	251	7.2	6.6	C	
1542.0	10.1	222	19.4	251	7.2	6.6	A	
1544.0	12.1	249	19.4	252	7.2	6.6	C	
1546.0	13.5	255	19.4	252	7.2	6.6	A	
1548.0	13.7	250	19.4	253	7.2	6.6	A	
1550.0	15.9	238	19.4	254	7.2	6.6	C	
1552.0	7.9	328	19.4	255	7.2	6.6	A	
1554.0	6.3	280	19.4	257	7.2	6.6	A	
1556.0	10.5	277	19.3	257	7.2	6.6	A	
1558.0	4.1	322	19.3	254	7.3	6.6	C	
1560.0	10.8	268	19.3	254	7.3	6.6	A	
1562.0	15.6	266	19.3	255	7.4	6.7	A	
1564.0	10.6	260	19.3	254	7.4	6.6	A	
1566.0	8.3	326	19.2	253	7.3	6.6	C	
1568.0	11.0	322	19.2	252	7.3	6.6	C	
1570.0	13.6	261	19.2	250	7.3	6.6	C	
1572.0			19.1	250	7.3	6.6		
1574.0	6.3	242	19.1	252	7.3	6.7	A	
1576.0	9.0	225	19.1	258	7.2	6.7	A	
1578.0	10.2	220	19.1	262	7.2	6.7	A	
1580.0	7.7	225	19.1	258	7.2	6.7	A	
1582.0			19.1	254	7.2	6.6		
1584.0	9.6	253	19.1	256	7.2	6.7	C	
1586.0	9.6	257	19.1	256	7.2	6.7	C	
1588.0	8.4	251	19.1	252	7.2	6.7	A	
1590.0	9.7	244	19.1	252	7.2	6.7	A	
1592.0	10.3	240	19.1	253	7.2	6.6	C	
1594.0	8.0	265	19.1	254	7.2	6.6	A	
1596.0	5.8	262	19.1	254	7.2	6.6	A	
1598.0	9.3	241	19.0	253	7.2	6.7	A	
1600.0	6.0	257	19.0	252	7.2	6.6	A	
1602.0	8.0	287	19.0	251	7.2	6.6	A	
1604.0	10.4	296	19.0	251	7.2	6.6	A	
1606.0	6.1	298	19.0	251	7.2	6.6	A	
1608.0	7.5	296	19.0	258	7.2	6.6	A	
1610.0	7.6	299	19.0	258	7.2	6.6	A	
1612.0	6.7	301	19.0	254	7.2	6.6	A	
1614.0	6.9	287	19.0	262	7.2	6.6	A	

FORMATION			BOREHOLE				QUAL.
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DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	=A
1616.0	5.8	275	19.0	267	7.2	6.6	A
1618.0	3.7	236	19.0	268	7.2	6.6	A
1620.0	8.7	224	19.0	266	7.2	6.6	A
1622.0	8.4	235	19.0	261	7.2	6.6	A
1624.0	4.3	283	19.0	257	7.2	6.6	C
1626.0	5.3	282	19.0	254	7.2	6.6	A
1628.0	5.4	284	19.0	254	7.2	6.6	A
1630.0	9.9	218	19.0	253	7.2	6.6	A
1632.0	5.1	250	19.0	254	7.2	6.6	A
1634.0	10.2	261	19.0	254	7.2	6.6	A
1636.0	4.9	347	18.9	254	7.2	6.6	A
1638.0	4.9	353	18.9	253	7.3	6.7	A
1640.0	3.8	40	18.9	254	7.2	6.6	A
1642.0	4.6	48	18.8	255	7.2	6.6	A
1644.0	3.2	6	18.6	256	7.3	6.7	A
1646.0	1.4	93	18.8	266	7.2	6.7	A
1648.0	4.0	130	18.8	272	7.3	6.7	A
1650.0	7.3	178	18.8	269	7.3	6.7	B
1652.0	5.0	228	18.8	265	7.3	6.6	B
1654.0			18.8	268	7.3	6.6	
1656.0			18.8	265	7.3	6.6	
1658.0	5.4	218	18.7	256	7.3	6.6	B
1660.0	3.4	259	18.7	254	7.4	6.6	B
1662.0	5.1	303	18.7	260	7.4	6.6	D
1664.0	4.0	35	18.6	260	7.4	6.6	B
1666.0	10.2	71	18.6	252	7.3	6.6	D
1668.0	19.1	66	18.6	253	7.3	6.5	B
1670.0	9.4	78	18.6	251	7.2	6.4	D
1672.0	8.4	70	18.5	251	7.2	6.4	D
1674.0			18.5	254	7.1	6.5	
1676.0			18.5	255	7.2	6.5	
1678.0			18.6	253	7.2	6.5	
1680.0	10.7	315	18.6	253	7.2	6.5	D
1682.0	6.8	306	18.6	254	7.2	6.5	D
1684.0			18.6	255	7.3	6.6	
1686.0			18.6	254	7.3	6.6	
1688.0	16.1	345	18.6	255	7.2	6.5	D
1690.0	16.0	348	18.6	255	7.2	6.5	D
1692.0	15.2	347	18.6	253	7.3	6.6	D
1694.0	18.6	352	18.6	252	7.3	6.5	D

* DEPTH *	* DIP *	DIP AZI.	* DEV. *	DEV. AZI.	DIAM 1-3	DIAM 2-4	* BEST * * =A *	* QUAL. * * INDEX *
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* 1696.0	17.2	334	18.5	252	7.3	6.6	D	*
* 1698.0	17.4	343	18.5	252	7.3	6.6	R	*
* 1700.0	14.1	343	18.5	252	7.2	6.5	D	*
* 1702.0			18.5	253	7.2	6.5		*
* 1704.0	10.7	308	18.5	252	7.2	6.6	A	*
* 1706.0	8.5	309	18.5	254	7.2	6.6	A	*
* 1708.0	11.1	324	18.5	254	7.3	6.6	A	*
* 1710.0	12.0	328	18.5	252	7.3	6.6	A	*
* 1712.0	11.5	318	18.5	254	7.2	6.6	C	*
* 1714.0			18.5	254	7.2	6.5		*
* 1716.0	5.9	301	18.4	251	7.4	6.6	C	*
* 1718.0	7.6	328	18.4	253	7.5	6.6	A	*
* 1720.0	12.1	313	18.4	253	7.5	6.5	C	*
* 1722.0			18.3	252	7.4	6.5		*
* 1724.0	12.7	34	18.3	252	7.3	6.5	D	*
* 1726.0	10.2	21	18.2	253	7.3	6.5	D	*
* 1728.0	6.3	41	18.2	253	7.3	6.5	D	*
* 1730.0			18.1	251	7.2	6.4		*
* 1732.0			18.1	252	7.2	6.5		*
* 1734.0	10.9	20	18.0	253	7.1	6.5	D	*
* 1736.0	4.7	309	18.0	253	7.2	6.5	B	*
* 1738.0	3.8	335	18.0	253	7.3	6.5	P	*
* 1740.0	10.1	360	17.9	253	7.4	6.5	D	*
* 1742.0	9.4	352	17.9	253	7.4	6.5	B	*
* 1744.0	6.6	357	17.9	253	7.4	6.6	A	*
* 1746.0	7.1	341	17.8	253	7.4	6.6	A	*
* 1748.0	10.5	350	17.8	253	7.3	6.7	A	*
* 1750.0	8.0	352	17.8	254	7.3	6.6	A	*
* 1752.0	9.0	2	17.8	254	7.3	6.6	A	*
* 1754.0	5.4	21	17.7	254	7.3	6.6	A	*
* 1756.0	6.9	37	17.7	255	7.3	6.6	A	*
* 1758.0	9.0	58	17.6	255	7.3	6.6	A	*
* 1760.0	5.9	76	17.6	254	7.3	6.5	A	*
* 1762.0	5.8	72	17.5	252	7.3	6.4	A	*
* 1764.0	4.7	103	17.5	253	7.4	6.4	A	*
* 1766.0	5.7	143	17.4	254	7.4	6.4	A	*
* 1768.0	6.1	98	17.4	254	7.4	6.4	A	*
* 1770.0	2.3	3	17.3	255	7.4	6.3	A	*
* 1772.0	5.0	22	17.2	256	7.4	6.3	A	*
* 1774.0	5.2	78	17.2	256	7.2	6.3	A	*

* FORMATION *		* BOREHOLE *					* QUAL. *
-----		*-----*					* INDEX *
* DEPTH *	* DIP *	DIP	* DEV. *	DEV.	DIAM	DIAM	* TEST *
		AZI.		AZI.	1-3	2-4	* =A *
1776.0	4.6	78	17.1	255	7.1	6.4	A
1778.0	5.8	70	17.1	254	7.3	6.4	A
1780.0	4.7	68	17.0	255	7.4	6.4	A
1782.0	5.3	67	16.9	254	7.4	6.4	C
1784.0			16.8	255	7.3	6.5	
1786.0	2.6	70	16.7	256	7.4	6.4	A
1788.0	2.9	76	16.7	256	7.4	6.4	A
1790.0	2.1	80	16.7	255	7.3	6.4	A
1792.0	6.5	70	16.6	256	7.3	6.5	A
1794.0	5.5	89	16.6	258	7.3	6.6	A
1796.0	3.5	51	16.6	259	7.3	6.5	C
1798.0	2.8	320	16.6	258	7.2	6.4	C
1800.0	6.3	306	16.6	257	7.1	6.4	C
1802.0	6.2	276	16.6	250	7.2	6.5	A
1804.0	3.0	321	16.6	258	7.3	6.5	A
1806.0	4.1	307	16.6	257	7.2	6.5	A
1808.0	2.7	327	16.5	257	7.2	6.6	A
1810.0	3.5	18	16.5	258	7.2	6.6	A
1812.0	3.5	31	16.4	257	7.3	6.6	A
1814.0	2.4	31	16.4	258	7.2	6.5	A
1816.0	3.8	19	16.4	261	7.2	6.5	A
1818.0	2.4	59	16.4	264	7.2	6.6	A
1820.0	2.9	32	16.3	261	7.2	6.5	A
1822.0	2.7	341	16.2	257	7.2	6.5	A
1824.0	4.5	355	16.2	256	7.2	6.5	A
1826.0	1.1	352	16.1	256	7.1	6.5	A
1828.0	3.3	330	16.1	257	7.1	6.5	C
1830.0	15.1	39	16.0	259	7.2	6.4	C
1832.0	10.5	49	16.0	258	7.1	6.5	C
1834.0	26.3	79	15.9	257	7.1	6.5	D
1836.0	10.4	41	15.9	259	7.1	6.5	C
1838.0	5.9	14	15.9	260	7.2	6.6	A
1840.0	6.2	17	15.8	260	7.3	6.6	A
1842.0	9.6	71	15.8	260	7.3	6.6	C
1844.0	3.0	49	15.8	258	7.3	6.5	A
1846.0	5.5	23	15.8	260	7.4	6.5	A
1848.0	3.7	40	15.7	267	7.3	6.6	A
1850.0	5.7	286	15.7	274	7.3	6.6	A
1852.0	2.2	133	15.7	275	7.3	6.5	A
1854.0	2.9	87	15.7	276	7.3	6.5	A

FORMATION		BOREHOLE				QUAL.	
-----		-----				INDEX	
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	=A
1856.0			15.7	272	7.3	6.4	
1858.0	2.3	266	15.7	269	7.3	6.5	A
1860.0	1.8	283	15.6	266	7.2	6.5	A
1862.0	4.7	311	15.6	261	7.2	6.5	A
1864.0			15.5	259	7.0	6.5	
1866.0			15.5	259	6.8	6.4	
1868.0	14.5	35	15.4	260	6.9	6.5	D
1870.0	18.8	20	15.3	260	7.0	6.5	D
1872.0	23.0	31	15.3	262	6.9	6.5	B
1874.0			15.2	263	7.1	6.5	
1876.0			15.1	263	7.1	6.5	
1878.0			15.0	261	6.8	6.4	
1880.0	22.8	6	14.9	260	6.6	6.3	D
1882.0	23.8	33	14.9	261	6.7	6.3	B
1884.0	22.4	41	14.9	261	6.9	6.3	B
1886.0	19.5	20	14.8	261	7.0	6.3	B
1888.0	20.1	21	14.8	261	7.0	6.4	A
1890.0	23.4	36	14.7	261	7.1	6.4	A
1892.0	24.3	38	14.7	261	7.2	6.4	A
1894.0	17.5	23	14.7	261	7.1	6.3	A
1896.0	27.6	332	14.6	261	7.1	6.3	D
1898.0	29.2	323	14.6	262	7.0	6.3	B
1900.0	27.4	319	14.6	263	7.0	6.3	B
1902.0			14.6	263	7.0	6.4	
1904.0	18.8	54	14.5	266	7.0	6.3	A
1906.0	19.3	57	14.5	270	7.0	6.3	A
1908.0	12.0	61	14.5	274	7.0	6.3	C
1910.0			14.4	275	7.0	6.3	
1912.0	9.2	32	14.4	272	7.0	6.4	C
1914.0	9.2	19	14.4	274	7.0	6.4	A
1916.0	7.9	12	14.3	271	7.0	6.4	A
1918.0	10.2	2	14.3	262	7.0	6.4	A
1920.0	10.5	9	14.3	261	7.0	6.4	A
1922.0	12.5	42	14.3	262	7.1	6.4	A
1924.0	12.8	41	14.2	259	7.0	6.4	A
1926.0			14.2	259	7.0	6.4	
1928.0			14.2	261	7.0	6.4	
1930.0			14.2	261	7.0	6.4	
1932.0			14.2	260	7.0	6.4	
1934.0			14.1	259	7.0	6.4	

FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST INDEX =A
1936.0			14.1	260	7.0	6.4	
1938.0			14.1	260	7.0	6.3	
1940.0			14.1	260	7.0	6.4	
1942.0			14.0	260	7.0	6.4	
1944.0			14.0	259	7.0	6.4	
1946.0			14.0	259	7.0	6.4	
1948.0			13.9	260	7.0	6.4	
1950.0			13.9	260	6.9	6.4	
1952.0	16.1	7	13.8	259	6.9	6.4	D
1954.0	16.3	11	13.8	258	6.9	6.4	B
1956.0	20.6	14	13.7	258	6.9	6.4	D
1958.0	19.5	360	13.7	256	7.0	6.4	D
1960.0	49.5	60	13.6	256	6.9	6.4	B
1962.0	48.9	5b	13.6	260	6.9	6.4	B
1964.0			13.6	260	6.9	6.4	
1966.0	59.1	55	13.6	264	6.9	6.5	D
1968.0			13.6	264	6.8	6.5	
1970.0			13.5	259	6.9	6.5	
1972.0	26.0	19	13.5	257	6.9	6.5	D
1974.0			13.4	257	6.9	6.5	
1976.0			13.4	258	6.9	6.5	
1978.0			13.4	260	6.9	6.5	
1980.0			13.3	260	6.9	6.5	
1982.0	26.4	38	13.3	257	6.9	6.4	D
1984.0	21.1	24	13.3	257	6.9	6.4	B
1986.0	22.9	31	13.3	257	6.9	6.5	B
1988.0	35.0	28	13.3	258	7.0	6.5	D
1990.0	33.2	36	13.3	262	7.0	6.4	D
1992.0	37.5	26	13.3	269	7.1	6.4	D
1994.0			13.3	267	6.9	6.4	
1996.0			13.2	263	6.8	6.3	
1998.0			13.2	263	6.8	6.4	
2000.0			13.1	263	6.8	6.4	
2002.0	36.2	26	13.1	261	6.6	6.3	D
2004.0			13.0	259	6.4	6.2	
2006.0			13.0	261	6.1	6.2	
2008.0			12.9	260	6.1	6.3	
2010.0			12.8	256	6.6	6.5	
2012.0	5.7	311	12.7	255	6.9	6.5	B
2014.0	8.8	291	12.6	255	6.9	6.5	B

* DEPTH *	* DIP *	* DIP AZI. *	* DEV. *	* DEV. AZI. *	* DIAM 1-3 *	* DIAM 2-4 *	* QUAL. BEST =A *	* INDEX *
* 2016.0	* 5.9	* 287	* 12.4	* 256	* 7.0	* 6.5	* D	*
* 2018.0	* 4.2	* 254	* 12.3	* 264	* 7.2	* 6.6	* D	*
* 2020.0	* 14.9	* 308	* 12.2	* 271	* 7.1	* 6.5	* D	*
* 2022.0	* 4.2	* 247	* 12.2	* 274	* 7.0	* 6.4	* B	*
* 2024.0	* 3.6	* 273	* 12.1	* 265	* 7.0	* 6.4	* B	*
* 2026.0	* 5.5	* 315	* 12.1	* 253	* 7.0	* 6.4	* B	*
* 2028.0	* 3.0	* 244	* 12.1	* 255	* 7.0	* 6.4	* D	*
* 2030.0			* 12.1	* 255	* 7.1	* 6.4		*
* 2032.0	* 6.4	* 214	* 12.0	* 254	* 7.1	* 6.5	* B	*
* 2034.0	* 4.4	* 137	* 12.0	* 255	* 7.0	* 6.4	* D	*
* 2036.0	* 7.2	* 93	* 12.0	* 256	* 7.0	* 6.4	* D	*
* 2038.0			* 12.0	* 256	* 7.0	* 6.5		*
* 2040.0			* 12.0	* 257	* 7.1	* 6.5		*
* 2042.0			* 11.9	* 266	* 7.1	* 6.5		*
* 2044.0	* 8.6	* 178	* 11.9	* 275	* 7.2	* 6.5	* B	*
* 2046.0			* 11.8	* 272	* 7.2	* 6.4		*
* 2048.0			* 11.8	* 262	* 7.2	* 6.3		*
* 2050.0			* 11.7	* 257	* 7.1	* 6.4		*
* 2052.0			* 11.7	* 256	* 7.0	* 6.3		*
* 2054.0			* 11.6	* 256	* 7.0	* 6.3		*
* 2056.0			* 11.6	* 257	* 6.9	* 6.4		*
* 2058.0			* 11.5	* 259	* 7.0	* 6.4		*
* 2060.0			* 11.5	* 259	* 7.1	* 6.4		*
* 2062.0			* 11.5	* 258	* 7.1	* 6.4		*
* 2064.0			* 11.5	* 257	* 7.1	* 6.4		*
* 2066.0			* 11.5	* 260	* 7.1	* 6.4		*
* 2068.0			* 11.4	* 263	* 7.1	* 6.4		*
* 2070.0			* 11.4	* 269	* 7.0	* 6.4		*
* 2072.0			* 11.4	* 275	* 7.1	* 6.4		*
* 2074.0			* 11.3	* 276	* 7.1	* 6.4		*
* 2076.0	* 18.6	* 34	* 11.3	* 274	* 7.1	* 6.4	* B	*
* 2078.0	* 25.8	* 13	* 11.2	* 271	* 7.1	* 6.4	* D	*
* 2080.0			* 11.1	* 271	* 7.1	* 6.3		*
* 2082.0	* 18.7	* 24	* 11.1	* 266	* 7.1	* 6.3	* D	*
* 2084.0	* 16.4	* 20	* 11.0	* 259	* 7.1	* 6.3	* D	*
* 2086.0			* 11.0	* 257	* 7.1	* 6.4		*
* 2088.0			* 11.0	* 257	* 7.0	* 6.3		*
* 2090.0			* 10.9	* 258	* 7.0	* 6.4		*
* 2092.0			* 10.9	* 259	* 7.1	* 6.4		*
* 2094.0			* 10.9	* 258	* 7.1	* 6.4		*

FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A
2096.0			10.8	259	7.1	6.4	
2098.0			10.7	260	7.1	6.4	
2100.0			10.7	260	7.1	6.4	
2102.0			10.7	262	7.1	6.4	
2104.0	4.6	323	10.7	262	7.1	6.4	D
2106.0	1.4	289	10.7	262	7.2	6.4	B
2108.0	1.6	292	10.7	261	7.1	6.4	B
2110.0	1.4	285	10.7	264	7.2	6.4	D
2112.0	9.4	275	10.7	269	7.2	6.4	D
2114.0	8.8	170	10.7	265	7.2	6.4	D
2116.0	6.9	172	10.7	261	7.2	6.4	B
2118.0	5.5	224	10.7	261	7.2	6.4	D
2120.0	5.8	66	10.6	262	7.3	6.4	D
2122.0	3.0	100	10.6	261	7.3	6.3	D
2124.0			10.5	262	7.3	6.3	
2126.0	3.7	199	10.4	263	7.3	6.3	B
2128.0	2.4	254	10.3	262	7.3	6.3	B
2130.0			10.2	266	7.3	6.4	
2132.0			10.2	271	7.3	6.4	
2134.0			10.1	266	7.3	6.4	
2136.0			10.1	261	7.3	6.4	
2138.0			10.0	263	7.4	6.4	
2140.0			10.0	265	7.4	6.4	
2142.0			10.0	265	7.4	6.4	
2144.0			9.9	264	7.3	6.4	
2146.0	9.6	282	9.9	266	7.4	6.4	D
2148.0			9.9	265	7.4	6.4	
2150.0			9.8	266	7.4	6.4	
2152.0	16.1	250	9.8	266	7.4	6.4	D
2154.0			9.7	270	7.3	6.4	
2156.0			9.7	277	7.2	6.3	
2158.0			9.7	271	7.1	6.3	
2160.0			9.7	266	7.1	6.3	
2162.0	20.9	245	9.6	274	7.2	6.3	D
2164.0	21.8	245	9.6	280	7.3	6.4	D
2166.0			9.5	276	7.4	6.4	
2168.0	10.9	235	9.5	273	7.5	6.4	A
2170.0	10.6	223	9.4	278	7.5	6.3	A
2172.0	9.9	230	9.3	274	7.5	6.4	C
2174.0	11.4	238	9.3	266	7.5	6.3	C

FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A
2176.0			9.2	266	7.3	6.3	
2178.0			9.2	274	7.2	6.4	
2180.0	4.7	258	9.1	272	7.2	6.4	B
2182.0	5.3	263	9.1	267	7.1	6.4	B
2184.0	10.8	277	9.1	273	7.2	6.4	D
2186.0	8.6	294	9.1	275	7.2	6.4	D
2188.0			9.0	269	7.2	6.4	
2190.0			9.0	264	7.3	6.4	
2192.0	13.3	123	9.0	264	7.4	6.4	D
2194.0	3.1	160	8.9	265	7.5	6.3	D
2196.0	4.4	161	8.9	267	7.6	6.3	D
2198.0	7.3	187	8.9	272	7.5	6.4	D
2200.0			8.8	275	7.4	6.4	
2202.0			8.8	273	7.3	6.3	
2204.0			8.7	268	7.3	6.3	
2206.0			8.6	265	7.2	6.4	
2208.0			8.6	266	7.1	6.4	
2210.0	23.9	41	8.6	267	7.1	6.4	D
2212.0	5.9	149	8.6	266	7.2	6.4	B
2214.0	17.0	42	8.5	264	7.3	6.4	B
2216.0	16.0	40	8.5	265	7.3	6.4	B
2218.0	12.3	45	8.5	267	7.3	6.4	D
2220.0			8.4	267	7.2	6.4	
2222.0			8.4	266	6.9	6.4	
2224.0			8.4	272	7.0	6.4	
2226.0			8.4	274	7.3	6.5	
2228.0	2.6	158	8.4	270	7.5	6.4	B
2230.0	0.5	135	8.3	268	7.6	6.4	B
2232.0			8.3	267	7.5	6.4	
2234.0	9.2	59	8.3	267	7.5	6.4	D
2236.0	14.7	16	8.2	269	7.6	6.4	B
2238.0	14.8	22	8.2	271	7.6	6.4	B
2240.0	5.8	290	8.2	271	7.5	6.4	D
2242.0	6.9	235	8.1	269	7.4	6.4	D
2244.0	5.5	274	8.0	268	7.3	6.4	D
2246.0	25.9	6	8.0	269	7.2	6.5	B
2248.0			7.9	270	7.1	6.5	
2250.0			7.9	268	7.1	6.4	
2252.0	32.4	11	7.8	268	7.1	6.4	A
2254.0	31.8	13	7.8	269	7.2	6.4	A

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

* 2256.0	38.9	20	7.7	269	7.2	6.4	C	*	
* 2258.0	38.7	8	7.7	268	7.1	6.4	C	*	
* 2260.0			7.7	267	7.0	6.4		*	
* 2262.0			7.7	267	7.0	6.4		*	
* 2264.0	37.8	21	7.6	268	6.9	6.4	A	*	
* 2266.0	37.6	17	7.6	269	6.8	6.4	C	*	
* 2268.0			7.6	270	6.9	6.4		*	
* 2270.0			7.6	268	7.0	6.4		*	
* 2272.0			7.6	267	7.1	6.5		*	
* 2274.0			7.5	268	7.2	6.5		*	
* 2276.0			7.5	269	7.3	6.5		*	
* 2278.0			7.4	268	7.3	6.6		*	
* 2280.0			7.4	268	7.3	6.5		*	
* 2282.0			7.4	268	7.1	6.4		*	
* 2284.0			7.4	266	7.2	6.4		*	
* 2286.0			7.3	263	7.2	6.4		*	
* 2288.0			7.3	263	7.3	6.4		*	
* 2290.0			7.3	265	7.3	6.4		*	
* 2292.0	42.5	37	7.3	267	7.0	6.4	D	*	
* 2294.0	43.6	46	7.2	266	6.8	6.4	D	*	
* 2296.0			7.2	264	6.9	6.4		*	
* 2298.0	44.2	28	7.2	263	7.0	6.4	B	*	
* 2300.0	42.7	28	7.1	263	7.0	6.4	B	*	
* 2302.0			7.1	264	7.0	6.4		*	
* 2304.0	31.8	96	7.1	264	6.9	6.4	B	*	
* 2306.0	30.5	98	7.0	264	7.0	6.4	B	*	
* 2308.0	25.1	43	7.0	263	7.0	6.4	B	*	
* 2310.0	25.4	37	7.0	263	7.0	6.4	B	*	
* 2312.0	27.2	34	6.9	269	7.1	6.3	B	*	
* 2314.0	24.7	32	6.9	267	7.1	6.4	D	*	
* 2316.0	35.9	38	6.9	260	7.0	6.4	D	*	
* 2318.0			6.9	259	6.9	6.3		*	
* 2320.0	35.1	49	6.9	261	6.9	6.3	H	*	
* 2322.0	21.8	35	6.9	266	6.9	6.4	H	*	
* 2324.0			6.8	265	6.8	6.4		*	
* 2326.0			6.8	258	6.7	6.4		*	
* 2328.0	9.7	189	6.9	258	6.8	6.4	A	*	
* 2330.0	8.7	185	6.9	261	6.8	6.4	A	*	
* 2332.0	7.4	187	6.9	265	6.8	6.4	A	*	
* 2334.0	7.4	185	6.9	264	6.7	6.4	A	*	

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

2336.0	10.5	190	6.9	267	6.8	6.4	A
2338.0	10.0	191	6.9	269	6.9	6.4	A
2340.0	9.5	195	6.9	262	7.0	6.4	A
2342.0	7.9	191	6.8	262	7.0	6.4	A
2344.0	7.9	185	6.8	261	7.0	6.4	A
2346.0	10.0	174	6.7	259	6.9	6.4	A
2348.0	8.2	190	6.7	261	6.9	6.4	A
2350.0	5.9	189	6.7	265	6.9	6.4	A
2352.0	4.8	184	6.6	266	6.8	6.4	A
2354.0	5.9	180	6.6	274	6.8	6.4	A
2356.0	3.8	205	6.6	275	6.8	6.4	A
2358.0	3.3	218	6.6	264	6.8	6.4	A
2360.0	3.4	225	6.7	263	6.8	6.4	A
2362.0	5.1	180	6.7	267	6.9	6.4	A
2364.0	3.6	206	6.6	266	6.9	6.4	A
2366.0	3.8	10	6.6	262	6.8	6.4	A
2368.0	4.1	29	6.6	262	6.8	6.4	A
2370.0	17.5	128	6.5	263	6.7	6.4	B
2372.0	17.1	130	6.5	262	6.7	6.4	B
2374.0	8.3	181	6.5	261	6.7	6.4	A
2376.0	9.2	175	6.5	260	6.7	6.4	A
2378.0	10.8	161	6.5	263	6.6	6.4	C
2380.0	17.5	198	6.5	265	6.7	6.4	H
2382.0	15.2	199	6.5	268	6.8	6.4	D
2384.0	15.9	204	6.6	266	6.7	6.4	B
2386.0			6.6	263	6.7	6.4	
2388.0	19.8	180	6.6	269	6.7	6.4	D
2390.0			6.6	266	6.7	6.4	
2392.0			6.6	259	6.8	6.4	
2394.0			6.5	261	6.9	6.4	
2396.0			6.5	267	6.8	6.4	
2398.0	16.4	189	6.5	269	6.6	6.4	B
2400.0	15.6	184	6.5	264	6.6	6.4	A
2402.0	14.0	179	6.5	260	6.7	6.4	A
2404.0	13.7	179	6.5	260	6.7	6.4	A
2406.0	13.0	175	6.4	261	6.6	6.3	A
2408.0			6.4	261	6.6	6.3	
2410.0	30.8	217	6.4	261	6.6	6.3	D
2412.0	26.9	210	6.4	261	6.6	6.3	B
2414.0	5.0	120	6.3	262	6.6	6.3	C

* FORMATION *			* BOREHOLE *				* QUAL. *
-----			*-----*				* INDEX *
* DEPTH *	* DIP *	DIP	* DEV. *	DEV.	DIAM	DIAM	* BEST *
		AZI.		AZI.	1-3	2-4	* #A *
* 2416.0	3.4	75	6.3	262	6.6	6.3	C
* 2418.0	3.2	159	6.3	263	6.6	6.3	A
* 2420.0	4.1	164	6.2	263	6.6	6.3	A
* 2422.0	4.2	207	6.2	262	6.6	6.3	A
* 2424.0	3.5	87	6.1	262	6.6	6.3	A
* 2426.0	4.0	178	6.1	262	6.6	6.3	C
* 2428.0	11.1	49	6.1	265	6.7	6.3	A
* 2430.0	7.6	288	6.1	269	6.7	6.3	C
* 2432.0	7.4	300	6.1	265	6.6	6.3	C
* 2434.0			6.0	266	6.6	6.3	
* 2436.0	7.8	223	6.0	269	6.6	6.3	A
* 2438.0	9.7	227	6.0	263	6.6	6.3	C
* 2440.0	2.4	88	5.9	263	6.6	6.3	A
* 2442.0	2.4	201	5.9	264	6.7	6.3	A
* 2444.0	3.7	220	5.9	264	6.6	6.3	C
* 2446.0	4.2	137	5.8	263	6.6	6.3	A
* 2448.0	3.4	201	5.8	262	6.6	6.3	A
* 2450.0	4.6	217	5.7	261	6.6	6.3	A
* 2452.0	2.5	217	5.7	260	6.6	6.3	A
* 2454.0	0.7	231	5.6	261	6.6	6.3	A
* 2456.0	0.8	282	5.6	262	6.6	6.3	A
* 2458.0			5.6	262	6.7	6.3	
* 2460.0	5.3	206	5.5	261	6.7	6.3	C
* 2462.0	5.4	240	5.4	259	6.6	6.3	C
* 2464.0	2.7	210	5.4	258	6.6	6.3	A
* 2466.0			5.4	259	6.6	6.3	
* 2468.0	6.9	318	5.4	258	6.6	6.3	C
* 2470.0	0.4	122	5.4	257	6.6	6.3	A
* 2472.0	7.3	313	5.4	260	6.7	6.3	A
* 2474.0	5.7	307	5.4	266	6.7	6.4	A
* 2476.0	13.0	200	5.5	267	6.7	6.4	C
* 2478.0	5.8	221	5.5	265	6.7	6.4	A
* 2480.0	2.8	348	5.5	260	6.6	6.4	C
* 2482.0	4.2	254	5.4	256	6.6	6.4	A
* 2484.0	3.8	170	5.3	257	6.6	6.3	C
* 2486.0	5.4	236	5.2	257	6.6	6.3	C
* 2488.0	4.6	163	5.1	258	6.6	6.3	C
* 2490.0	4.8	31	5.1	266	6.6	6.3	C
* 2492.0	6.8	219	5.1	270	6.6	6.3	A
* 2494.0	8.1	191	5.2	272	6.6	6.4	A

FORMATION		BOREHOLE		QUAL.			
-----		-----		INDEX			
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.	AZI.	1-3	2-4	=A	
2496.0	1.8	238	5.2	274	6.5	6.4	C
2498.0	0.3	245	5.3	273	6.5	6.4	A
2500.0	1.5	356	5.3	271	6.6	6.4	A
2502.0	5.2	297	5.4	266	6.6	6.4	A
2504.0	8.2	238	5.4	262	6.5	6.3	C
2506.0	9.9	182	5.5	260	6.6	6.4	A
2508.0	7.4	156	5.5	264	6.6	6.4	C
2510.0	3.2	205	5.5	270	6.6	6.4	A
2512.0	4.5	196	5.5	272	6.7	6.4	A
2514.0	4.7	188	5.4	271	6.7	6.4	A
2516.0	1.0	317	5.4	270	6.7	6.4	C
2518.0	2.6	313	5.4	272	6.6	6.4	A
2520.0	7.7	280	5.4	272	6.6	6.4	C
2522.0	6.7	297	5.3	270	6.6	6.4	C
2524.0	2.0	286	5.3	271	6.7	6.4	C
2526.0	0.2	4	5.2	271	6.7	6.4	A
2528.0	3.3	269	5.2	273	6.7	6.5	C
2530.0	2.3	288	5.2	274	6.7	6.4	A
2532.0	0.6	242	5.1	272	6.7	6.4	A
2534.0	8.9	70	5.0	272	6.6	6.4	A
2536.0	5.4	65	5.0	270	6.6	6.4	A
2538.0	2.2	359	4.9	266	6.6	6.4	A
2540.0	3.4	255	4.9	264	6.7	6.4	A
2542.0	3.0	225	4.8	265	6.8	6.5	A
2544.0	2.9	15	4.8	268	6.8	6.6	A
2546.0	3.0	360	4.8	270	6.8	6.5	A
2548.0	0.5	185	4.8	269	6.7	6.4	A
2550.0			4.8	269	6.6	6.4	
2552.0			4.8	268	6.6	6.4	
2554.0	9.6	324	4.8	269	6.7	6.4	D
2556.0	8.2	312	4.7	270	6.7	6.4	B
2558.0	6.2	330	4.7	269	6.7	6.4	B
2560.0			4.7	266	6.7	6.4	
2562.0			4.6	264	6.7	6.4	
2564.0	9.8	359	4.5	266	6.8	6.4	D
2566.0	15.7	347	4.4	267	6.8	6.5	D
2568.0	16.4	339	4.3	260	6.7	6.5	B
2570.0	14.6	321	4.2	256	6.7	6.5	A
2572.0	8.3	280	4.1	257	6.8	6.5	A
2574.0	7.8	266	4.1	259	6.8	6.5	A

FORMATION			BOREHOLE				QUAL.
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	INDEX
	AZI.		AZI.		1-3	2-4	BEST
							=A
2576.0	11.4	309	4.1	258	6.8	6.5	A
2578.0	11.1	279	4.1	260	6.7	6.5	A
2580.0	6.4	237	4.1	266	6.8	6.5	A
2582.0	11.7	294	4.1	269	6.8	6.5	A
2584.0	8.4	266	4.2	274	6.8	6.5	A
2586.0	6.4	266	4.2	279	6.7	6.4	A
2588.0	37.5	219	4.2	278	6.7	6.4	B
2590.0			4.3	272	6.7	6.4	
2592.0	9.1	165	4.3	264	6.7	6.4	C
2594.0	2.1	21	4.3	262	6.7	6.4	A
2596.0	0.5	18	4.2	268	6.7	6.5	A
2598.0			4.2	270	6.7	6.5	
2600.0	2.2	262	4.1	270	6.8	6.5	A
2602.0	2.4	279	4.1	271	6.8	6.5	A
2604.0	2.3	233	4.1	272	6.8	6.5	A
2606.0	1.5	202	4.0	270	6.7	6.4	C
2608.0	8.1	226	4.0	269	6.7	6.4	C
2610.0	2.9	337	3.9	265	6.7	6.4	A
2612.0	1.9	333	3.8	264	6.8	6.4	A
2614.0	1.7	318	3.7	264	6.8	6.5	A
2616.0	2.6	307	3.6	260	6.8	6.5	A
2618.0	4.4	341	3.5	259	6.8	6.4	A
2620.0	4.1	337	3.5	260	6.7	6.4	A
2622.0	1.3	14	3.5	267	6.8	6.5	A
2624.0			3.5	269	6.7	6.4	
2626.0			3.5	263	6.8	6.6	
2628.0			3.6	263	7.0	6.8	
2630.0			3.6	263	7.1	6.8	
2632.0	7.3	59	3.6	262	7.0	6.7	D
2634.0	6.1	33	3.6	261	7.0	6.6	B
2636.0	5.9	29	3.6	262	7.1	6.6	B
2638.0			3.5	264	7.1	6.6	
2640.0			3.5	264	7.0	6.6	
2642.0			3.4	261	6.9	6.6	
2644.0	7.0	34	3.3	257	6.9	6.6	D
2646.0	3.8	3	3.2	259	6.9	6.6	D
2648.0			3.1	261	6.9	6.6	
2650.0			3.0	259	7.0	6.7	
2652.0	16.4	122	3.0	259	6.9	6.7	D
2654.0	16.0	113	3.0	260	6.9	6.6	B

REICHHOLD ENERGY			COLUMBIA COUNTY #4			PAGE 29-FILE 2		
FORMATION			BOREHOLE			QUAL.		
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DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST	INDEX
		AZI.		AZI.	1-3	2-4	=A	
2656.0	16.0	102	3.0	263	6.9	6.5	B	
2658.0	4.7	25	3.0	269	6.8	6.4	A	
2660.0	5.0	3	3.0	273	6.7	6.3	A	
2662.0	4.7	325	3.0	280	6.7	6.3	A	
2664.0	8.0	286	3.0	278	6.7	6.5	C	
2666.0	4.3	360	3.0	272	6.8	6.6	A	
2668.0	3.6	331	3.1	273	6.8	6.6	A	
2670.0	10.6	290	3.2	272	6.8	6.6	C	
2672.0	11.5	276	3.3	267	6.8	6.6	A	
2674.0	4.9	267	3.4	265	6.8	6.5	A	
2676.0	6.1	301	3.4	267	6.7	6.5	A	
2678.0	8.6	284	3.3	268	6.7	6.5	A	
2680.0	9.2	295	3.2	267	6.7	6.6	A	
2682.0	10.7	261	3.2	263	6.8	6.6	A	
2684.0	11.1	273	3.1	256	6.8	6.6	C	
2686.0	9.7	311	3.0	249	6.8	6.6	A	
2688.0	11.5	278	3.0	250	6.8	6.6	A	
2690.0	7.0	250	3.0	254	6.8	6.5	A	
2692.0	1.5	72	3.1	262	6.7	6.4	A	
2694.0	2.7	11	3.1	268	6.6	6.4	A	
2696.0	2.0	312	3.2	264	6.6	6.4	A	
2698.0	0.9	244	3.2	264	6.7	6.4	A	
2700.0	4.6	360	3.2	266	6.8	6.4	A	
2702.0	2.0	304	3.1	265	6.8	6.5	A	
2704.0	4.4	287	3.0	267	6.8	6.5	A	
2706.0	4.8	288	2.9	264	6.8	6.4	A	
2708.0	5.0	287	2.8	254	6.8	6.5	A	
2710.0	7.3	247	2.7	252	6.9	6.5	A	
2712.0	2.4	290	2.7	259	6.9	6.5	C	
2714.0	5.2	304	2.7	272	6.9	6.5	A	
2716.0	14.0	265	2.8	281	6.8	6.4	C	
2718.0	6.2	241	2.9	283	6.6	6.4	C	
2720.0	2.9	129	2.9	278	6.6	6.4	A	
2722.0	1.8	318	2.9	270	6.7	6.4	A	
2724.0	2.4	274	2.8	272	6.8	6.4	A	
2726.0	7.5	291	2.7	275	6.8	6.4	A	
2728.0	12.3	328	2.6	272	6.9	6.4	A	
2730.0	8.5	308	2.4	267	6.8	6.3	A	
2732.0	6.0	309	2.3	267	6.7	6.3	A	
2734.0	5.8	355	2.3	265	6.7	6.3	A	

* FORMATION *		* BOREHOLE *				* QUAL. *	
----------*		*-----*-----*				* INDEX *	
* DEPTH *	* DIP	DIP	* DEV. *	DEV.	DIAM	DIAM	* BEST *
* * *	* AZI. *	* * *	* AZI. *	1-3	2-4	* =A *	
* 2736.0	4.4	354	2.2	264	6.7	6.3	A
* 2738.0	2.3	344	2.1	260	6.7	6.3	C
* 2740.0	6.5	52	2.0	258	6.7	6.3	C
* 2742.0	5.6	320	2.0	261	6.7	6.4	A
* 2744.0	4.0	333	1.9	266	6.8	6.4	A
* 2746.0	5.1	271	1.9	262	6.8	6.4	A
* 2748.0	3.2	201	1.8	267	6.8	6.4	C
* 2750.0	3.7	355	1.9	281	6.7	6.3	A
* 2752.0	6.6	324	2.0	285	6.7	6.3	C
* 2754.0	6.2	321	2.1	291	6.7	6.4	A
* 2756.0	5.8	330	2.1	289	6.7	6.4	A
* 2758.0	3.4	266	2.2	282	6.7	6.4	A
* 2760.0	7.0	215	2.3	280	6.7	6.4	C
* 2762.0	5.4	294	2.3	284	6.7	6.4	C
* 2764.0	2.2	276	2.3	286	6.7	6.4	C
* 2766.0	10.0	282	2.3	281	6.7	6.4	A
* 2768.0	9.9	275	2.3	277	6.7	6.4	A
* 2770.0	0.8	255	2.2	275	6.8	6.4	A
* 2772.0	6.8	15	2.2	270	6.8	6.4	C
* 2774.0	17.9	308	2.1	270	6.8	6.4	C
* 2776.0	8.4	244	2.0	269	6.8	6.4	C
* 2778.0	10.9	352	1.9	264	6.8	6.4	A
* 2780.0	9.0	339	1.8	262	6.8	6.5	A
* 2782.0	7.2	317	1.6	260	6.8	6.5	A
* 2784.0	9.8	332	1.5	259	6.8	6.4	A
* 2786.0	9.0	324	1.5	259	6.8	6.4	B
* 2788.0	7.2	334	1.5	258	6.8	6.3	B
* 2790.0			1.5	265	6.8	6.4	
* 2792.0	16.8	13	1.6	273	6.8	6.4	D
* 2794.0			1.8	275	6.7	6.4	
* 2796.0			1.9	274	6.7	6.4	
* 2798.0	10.1	360	1.9	274	6.8	6.5	B
* 2800.0	8.6	339	1.9	272	6.9	6.7	D
* 2802.0	15.6	321	1.9	268	6.9	6.8	D
* 2804.0	8.9	351	1.9	268	6.9	6.7	B
* 2806.0	6.6	304	1.8	262	6.8	6.5	B
* 2808.0	4.4	282	1.7	255	6.6	6.3	B
* 2810.0	3.4	306	1.6	251	6.6	6.3	D
* 2812.0	12.4	235	1.5	256	6.6	6.3	D
* 2814.0			1.5	268	6.7	6.2	

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

* 2816.0			1.5	274	6.7	6.2		*
* 2818.0			1.7	279	6.6	6.2		*
* 2820.0	1.3	239	1.8	278	6.6	6.2	B	*
* 2822.0	11.7	274	2.0	272	6.6	6.2	D	*
* 2824.0	8.1	237	2.0	271	6.6	6.2	D	*
* 2826.0	5.2	4	1.9	273	6.7	6.3	A	*
* 2828.0	3.7	360	1.9	272	6.7	6.3	A	*
* 2830.0	2.5	353	1.8	268	6.6	6.2	A	*
* 2832.0	3.6	329	1.7	265	6.6	6.2	A	*
* 2834.0	9.9	332	1.7	260	6.6	6.2	B	*
* 2836.0	28.0	242	1.6	258	6.5	6.1	B	*
* 2838.0	23.9	242	1.6	258	6.5	6.0	D	*
* 2840.0	5.2	309	1.5	258	6.5	6.2	D	*
* 2842.0	5.1	310	1.5	260	6.5	6.2	B	*
* 2844.0	4.2	336	1.4	259	6.5	6.2	A	*
* 2846.0	4.4	343	1.3	256	6.5	6.2	A	*
* 2848.0	4.2	313	1.2	253	6.5	6.2	A	*
* 2850.0	3.8	312	1.1	252	6.5	6.2	A	*
* 2852.0	7.1	327	1.1	255	6.5	6.2	A	*
* 2854.0	3.8	318	1.0	258	6.5	6.2	A	*
* 2856.0	3.0	304	1.0	266	6.6	6.2	A	*
* 2858.0	3.9	327	1.0	279	6.5	6.2	A	*
* 2860.0	3.0	309	1.1	285	6.5	6.0	A	*
* 2862.0	2.0	329	1.3	288	6.4	6.0	C	*
* 2864.0	6.2	349	1.4	284	6.4	6.1	C	*
* 2866.0			1.5	277	6.4	6.1		*
* 2868.0	7.0	305	1.5	273	6.4	6.1	A	*
* 2870.0	3.5	311	1.5	270	6.4	6.0	A	*

REICHOILD ENERGY			COLUMBIA COUNTY #4			PAGE 1-FILE 1	

* FORMATION *			* BOREHOLE *			* QUAL. *	

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

2640.0			3.1	266	6.9	6.6	
2642.0			3.0	276	6.8	6.6	
2644.0			3.1	281	6.8	6.5	
2646.0			3.1	281	6.6	6.5	
2648.0			3.1	280	6.7	6.6	
2650.0			3.1	280	7.0	6.7	
2652.0			3.1	280	7.0	6.7	
2654.0			3.2	276	6.9	6.7	
2656.0			3.3	271	6.9	6.6	
2658.0	8.5	47	3.3	266	6.8	6.5	C
2660.0	6.1	18	3.4	266	6.7	6.4	A
2662.0	2.9	328	3.3	264	6.7	6.4	A
2664.0	2.6	239	3.3	265	6.8	6.5	C
2666.0	4.1	3	3.2	265	6.9	6.6	A
2668.0	3.5	329	3.1	260	6.9	6.6	A
2670.0	9.9	290	3.0	255	6.9	6.6	A
2672.0	10.9	282	2.9	253	6.9	6.6	C
2674.0	6.5	261	2.8	254	6.8	6.5	A
2676.0	6.6	282	2.7	257	6.8	6.4	A
2678.0	8.5	284	2.7	265	6.8	6.4	A
2680.0	9.0	316	2.8	271	6.8	6.5	A
2682.0	16.8	251	3.0	271	6.9	6.6	C
2684.0	15.6	246	3.1	267	6.9	6.6	C
2686.0	9.1	319	3.2	266	7.0	6.6	A
2688.0	10.5	283	3.2	266	6.9	6.6	A
2690.0	7.7	266	3.1	269	6.9	6.6	C
2692.0	1.1	344	3.0	271	6.8	6.5	A
2694.0	2.9	32	2.8	262	6.8	6.4	A
2696.0	2.3	323	2.6	247	6.8	6.4	A
2698.0	1.6	244	2.5	247	6.8	6.4	A
2700.0	4.4	7	2.6	265	6.8	6.5	A
2702.0	3.5	276	2.7	274	6.8	6.5	A
2704.0	5.4	260	2.8	269	6.8	6.5	A
2706.0	1.2	240	2.8	268	6.8	6.4	A
2708.0	5.3	342	2.8	268	6.8	6.5	A
2710.0	5.0	244	2.7	266	6.9	6.6	A
2712.0	1.7	199	2.5	257	6.9	6.6	C
2714.0	4.0	325	2.3	244	6.9	6.6	A
2716.0	4.6	262	2.2	255	6.8	6.5	A
2718.0			2.3	281	6.8	6.4	

REICHOILD ENERGY			COLUMBIA COUNTY #4			PAGE 2-FILE		1
* FORMATION *			* BOREHOLE *			* QUAL. *		
----------*-----*			*-----*		*-----*		* INDEX *	
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST	
		AZI.		AZI.	1-3	2-4	=A	
2720.0	2.0	194	2.3	285	6.8	6.4	C	
2722.0	2.6	324	2.4	279	6.7	6.3	A	
2724.0	3.0	292	2.6	277	6.8	6.4	A	
2726.0	7.4	301	2.7	275	6.8	6.5	A	
2728.0	9.9	311	2.8	272	6.7	6.6	A	
2730.0	11.6	304	2.8	272	6.6	6.5	C	
2732.0	8.8	307	2.7	272	6.6	6.4	A	
2734.0	14.7	311	2.7	270	6.7	6.3	C	
2736.0	4.2	350	2.6	269	6.7	6.4	A	
2738.0	3.8	16	2.6	269	6.6	6.4	A	
2740.0	2.8	314	2.5	268	6.6	6.4	A	
2742.0	6.8	254	2.4	265	6.6	6.4	C	
2744.0	5.0	322	2.3	266	6.7	6.4	C	
2746.0	5.4	296	2.2	266	6.7	6.4	A	
2748.0	4.2	276	2.1	259	6.7	6.4	A	
2750.0	2.8	321	1.9	252	6.6	6.3	C	
2752.0	3.8	313	1.9	253	6.6	6.3	C	
2754.0	7.3	321	1.8	258	6.6	6.4	A	
2756.0	6.4	311	1.9	267	6.6	6.4	A	
2758.0	2.5	308	2.0	275	6.7	6.4	A	
2760.0	3.2	248	2.0	277	6.6	6.4	A	
2762.0	6.2	55	2.1	285	6.6	6.4	C	
2764.0	8.1	275	2.2	284	6.7	6.4	C	
2766.0	6.0	285	2.2	276	6.7	6.4	A	
2768.0	4.3	257	2.2	283	6.7	6.4	A	
2770.0	2.3	259	2.2	285	6.7	6.4	C	
2772.0	2.6	360	2.3	282	6.7	6.4	A	
2774.0	6.9	34	2.3	285	6.7	6.4	A	
2776.0	9.6	32	2.2	283	6.6	6.4	C	
2778.0	7.9	331	2.2	279	6.6	6.4	C	
2780.0	7.1	332	2.2	276	6.6	6.4	A	
2782.0	7.6	335	2.1	275	6.8	6.5	A	
2784.0	8.7	325	2.0	275	6.8	6.4	A	
2786.0	8.4	330	1.9	273	6.7	6.4	B	
2788.0	5.6	353	1.8	270	6.7	6.4	B	
2790.0	8.9	329	1.7	261	6.7	6.4	B	
2792.0			1.7	256	6.7	6.4		
2794.0			1.7	257	6.7	6.4		
2796.0			1.6	256	6.7	6.4		
2798.0	10.1	329	1.6	259	6.7	6.4	D	

REICHHOLD ENERGY			COLUMBIA COUNTY #4			PAGE 3-FILE 1	
* FORMATION *			* BOREHOLE *			* QUAL. *	
-----			*-----*			* INDEX *	
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST
		AZI.		AZI.	1-3	2-4	=A
2800.0	8.4	25	1.5	260	6.8	6.6	B
2802.0	7.9	5	1.5	267	7.0	6.7	B
2804.0			1.6	277	7.1	6.8	
2806.0	8.4	318	1.7	279	6.9	6.6	B
2808.0	7.5	296	1.8	274	6.7	6.4	H
2810.0	3.0	326	1.9	272	6.7	6.3	D
2812.0	4.4	300	2.0	274	6.6	6.3	D
2814.0			1.9	274	6.6	6.2	
2816.0			1.8	272	6.6	6.3	
2818.0	12.1	4	1.7	264	6.6	6.3	D
2820.0			1.5	252	6.6	6.2	
2822.0	3.5	292	1.4	246	6.6	6.2	D
2824.0	7.2	254	1.3	258	6.6	6.1	C
2826.0	4.7	274	1.3	277	6.6	6.1	A
2828.0	3.6	357	1.4	282	6.6	6.2	A
2830.0	3.1	24	1.4	285	6.6	6.2	A
2832.0	2.0	8	1.5	288	6.6	6.1	A
2834.0	7.7	358	1.6	286	6.6	6.1	A
2836.0	7.7	322	1.6	284	6.6	6.1	A
2838.0			1.6	285	6.4	6.0	
2840.0			1.6	285	6.4	5.9	
2842.0	3.9	305	1.6	284	6.5	6.0	A
2844.0	4.1	329	1.6	290	6.5	6.1	A
2846.0	2.9	1	1.6	287	6.5	6.1	A
2848.0	2.8	342	1.7	283	6.5	6.2	A
2850.0	3.6	327	1.7	277	6.5	6.2	A
2852.0	8.4	331	1.7	273	6.4	6.1	C
2854.0	5.0	328	1.7	272	6.4	6.2	A
2856.0	3.4	309	1.7	272	6.5	6.2	A
2858.0	2.6	320	1.6	270	6.5	6.2	A
2860.0	3.2	318	1.6	265	6.5	6.1	A
2862.0	3.1	313	1.4	255	6.5	6.1	A
2864.0	3.1	312	1.2	246	6.5	6.1	A
2866.0	4.9	291	1.0	248	6.5	6.1	C
2868.0	7.9	324	1.0	265	6.5	6.1	A

REICHOLO ENERGY

COLUMBIA COUNTY #4

SUMMARY

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*****
*   DEPTH   *   DIP     DIP     *   DEV     DEV     DIAM     DIAM  * QUAL  *
*           *           AZM     *           AZM     1-3     2-4   *      *
*****
*
*   TOP
*   416.0    26.9      240.    0.2     58.     7.7     8.4     *
*
*   BOTTOM
*   2870.0   3.5       311.    1.5     270.    6.4     6.0     A
*
*   TOP
*   2640.0   36.5        9.     3.1     266.    6.9     6.6     *
*
*   BOTTOM
*   2868.0   7.9       324.    1.0     265.    6.5     6.1     A
*
*****
    
```