

OREGON NATURAL GAS CORP.

OM 32 B-11

MIST

COLUMBIA

OREGON

1-30-87

INTERVAL 551.0 TO 3204.0

RUN 1 RLAC 11283.

ENGINEER B. WELCH MR. MEYER MAG DEC 20.

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 \* OREGON 11283 SL=12,WL= 8,ST=2 \*  
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DEPTH	WL	**FORMATION DIP**				****BOREHOLE****		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
564.0	8.00	4.5	317	N 43 W	100	1.6	141	S 39 E
566.0	8.00	5.4	303	N 57 W	100	1.6	139	S 41 E
568.0	8.00	6.8	310	N 50 W	100	1.6	140	S 40 E
570.0	8.00	6.4	319	N 41 W	100	1.5	140	S 40 E
572.0	8.00	6.6	327	N 33 W	100	1.5	139	S 41 E
574.0	8.00	6.5	327	N 33 W	100	1.5	140	S 40 E
576.0	8.00	5.7	327	N 33 W	100	1.5	138	S 42 E
578.0	8.00	5.4	329	N 31 W	100	1.5	138	S 42 E
580.0	8.00	4.4	356	N 4 W	100	1.6	137	S 43 E
582.0	8.00	4.7	338	N 22 W	100	1.5	137	S 43 E
598.0	8.00	17.8	6	N 6 E	100	1.5	140	S 40 E
600.0	8.00	15.6	357	N 3 W	100	1.5	140	S 40 E
602.0	8.00	15.0	352	N 8 W	100	1.5	138	S 42 E
604.0	8.00	15.0	356	N 4 W	100	1.5	138	S 42 E
606.0	8.00	15.7	357	N 3 W	100	1.5	138	S 42 E
608.0	8.00	14.5	355	N 5 W	98	1.5	138	S 42 E
610.0	8.00	18.1	357	N 3 W	91	1.5	139	S 41 E
612.0	8.00	29.2	18	N 18 E	100	1.5	138	S 42 E
614.0	8.00	19.0	20	N 20 E	100	1.5	140	S 40 E
616.0	8.00	20.5	27	N 27 E	100	1.5	140	S 40 E
618.0	8.00	11.8	35	N 35 E	100	1.5	139	S 41 E
620.0	8.00	11.4	21	N 21 E	100	1.4	138	S 42 E
622.0	8.00	11.2	17	N 17 E	100	1.5	139	S 41 E
624.0	8.00	8.6	7	N 7 E	100	1.5	137	S 43 E
626.0	8.00	8.9	358	N 2 W	100	1.5	137	S 43 E
628.0	8.00	6.4	353	N 7 W	100	1.5	136	S 44 E
630.0	8.00	5.4	345	N 15 W	100	1.5	137	S 43 E
632.0	8.00	13.5	13	N 13 E	100	1.5	137	S 43 E
634.0	8.00	11.0	357	N 3 W	100	1.5	137	S 43 E

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DEPTH	WL	**FORMATION DIP**				****BOREHOLE****		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
636.0	8.00	22.1	11	N 11 E	100	1.5	137	S 43 E
638.0	8.00	6.9	321	N 39 W	65	1.5	138	S 42 E
642.0	8.00	9.1	234	S 54 W	84	1.5	138	S 42 E
644.0	8.00	10.1	217	S 37 W	100	1.5	140	S 40 E
646.0	8.00	11.2	223	S 43 W	100	1.5	140	S 40 E
648.0	8.00	12.6	220	S 40 W	100	1.5	139	S 41 E
650.0	8.00	12.9	224	S 44 W	100	1.5	139	S 41 E
652.0	8.00	13.3	220	S 40 W	100	1.5	138	S 42 E
654.0	8.00	13.6	225	S 45 W	100	1.4	138	S 42 E
656.0	8.00	12.9	221	S 41 W	100	1.4	136	S 44 E
658.0	8.00	11.5	228	S 48 W	100	1.4	136	S 44 E
660.0	8.00	11.4	224	S 44 W	100	1.4	136	S 44 E
662.0	8.00	11.1	230	S 50 W	100	1.4	136	S 44 E
664.0	8.00	11.3	227	S 47 W	100	1.4	135	S 45 E
666.0	8.00	11.3	224	S 44 W	100	1.4	135	S 45 E
668.0	8.00	11.0	231	S 51 W	100	1.4	136	S 44 E
670.0	8.00	11.4	236	S 56 W	100	1.4	135	S 45 E
672.0	8.00	11.2	243	S 63 W	100	1.4	134	S 46 E
674.0	8.00	11.0	241	S 61 W	100	1.4	135	S 45 E
676.0	8.00	10.6	239	S 59 W	100	1.4	133	S 47 E
678.0	8.00	10.2	239	S 59 W	100	1.4	134	S 46 E
680.0	8.00	10.1	230	S 50 W	100	1.4	135	S 45 E
682.0	8.00	10.6	228	S 48 W	100	1.4	134	S 46 E
684.0	8.00	11.5	221	S 41 W	100	1.4	134	S 46 E
686.0	8.00	12.9	214	S 34 W	100	1.4	133	S 47 E
688.0	8.00	14.2	211	S 31 W	100	1.4	133	S 47 E
690.0	8.00	13.9	203	S 23 W	100	1.3	133	S 47 E
692.0	8.00	13.1	206	S 26 W	100	1.3	131	S 49 E
694.0	8.00	12.1	209	S 29 W	100	1.3	131	S 49 E
696.0	8.00	8.6	202	S 22 W	100	1.3	132	S 48 E
698.0	8.00	11.4	186	S 6 W	100	1.3	132	S 48 E
700.0	8.00	12.7	202	S 22 W	100	1.3	131	S 49 E
702.0	8.00	12.5	204	S 24 W	100	1.3	131	S 49 E
704.0	8.00	10.7	207	S 27 W	100	1.3	131	S 49 E
706.0	8.00	9.4	204	S 24 W	100	1.3	132	S 48 E
708.0	8.00	9.3	213	S 33 W	100	1.3	132	S 48 E
710.0	8.00	7.8	227	S 47 W	100	1.4	133	S 47 E
712.0	8.00	7.1	209	S 29 W	100	1.4	134	S 46 E
714.0	8.00	8.0	214	S 34 W	100	1.4	134	S 46 E
716.0	8.00	8.3	214	S 34 W	100	1.4	134	S 46 E

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DEPTH	WL	**FORMATION DIP**				GRADE	****BOREHOLE****		
		ANG	AZ	BEARING	DA		DAZ	BEARING	
718.0	8.00	7.4	213	S 33 W	100	1.4	134	S 46 E	
720.0	8.00	7.5	222	S 42 W	100	1.4	135	S 45 E	
722.0	8.00	9.2	214	S 34 W	100	1.4	135	S 45 E	
724.0	8.00	7.5	235	S 55 W	100	1.3	133	S 47 E	
726.0	8.00	9.0	224	S 44 W	100	1.3	133	S 47 E	
728.0	8.00	8.3	234	S 54 W	100	1.3	134	S 46 E	
730.0	8.00	8.3	235	S 55 W	100	1.3	133	S 47 E	
732.0	8.00	7.7	241	S 61 W	100	1.3	133	S 47 E	
734.0	8.00	6.8	235	S 55 W	100	1.3	132	S 48 E	
736.0	8.00	8.4	221	S 41 W	100	1.3	132	S 48 E	
738.0	8.00	7.8	222	S 42 W	100	1.2	132	S 48 E	
740.0	8.00	7.2	226	S 46 W	100	1.2	131	S 49 E	
742.0	8.00	6.0	236	S 56 W	100	1.3	131	S 49 E	
744.0	8.00	5.0	221	S 41 W	100	1.3	131	S 49 E	
746.0	8.00	3.2	202	S 22 W	100	1.3	130	S 50 E	
748.0	8.00	2.8	220	S 40 W	100	1.3	132	S 48 E	
750.0	8.00	3.6	263	S 83 W	100	1.4	131	S 49 E	
752.0	8.00	4.9	273	N 87 W	100	1.4	132	S 48 E	
754.0	8.00	4.2	273	N 87 W	100	1.3	132	S 48 E	
756.0	8.00	4.0	261	S 81 W	100	1.3	133	S 47 E	
758.0	8.00	4.5	248	S 68 W	100	1.4	133	S 47 E	
760.0	8.00	4.6	233	S 53 W	100	1.3	134	S 46 E	
762.0	8.00	5.9	236	S 56 W	100	1.3	133	S 47 E	
764.0	8.00	5.1	212	S 32 W	100	1.3	134	S 46 E	
766.0	8.00	4.6	192	S 12 W	100	1.3	133	S 47 E	
768.0	8.00	4.7	213	S 33 W	100	1.3	134	S 46 E	
770.0	8.00	5.1	223	S 43 W	100	1.3	134	S 46 E	
772.0	8.00	4.6	242	S 62 W	100	1.3	132	S 48 E	
774.0	8.00	4.7	254	S 74 W	100	1.3	134	S 46 E	
776.0	8.00	6.1	267	S 87 W	100	1.3	133	S 47 E	
778.0	8.00	11.1	280	N 80 W	100	1.2	133	S 47 E	
780.0	8.00	12.1	291	N 69 W	100	1.2	133	S 47 E	
782.0	8.00	13.7	261	S 81 W	100	1.2	132	S 46 E	
784.0	8.00	9.4	269	S 89 W	100	1.2	131	S 49 E	
786.0	8.00	8.4	266	S 86 W	100	1.2	132	S 48 E	
790.0	8.00	5.4	276	N 84 W	100	1.2	132	S 48 E	
792.0	8.00	3.7	291	N 69 W	94	1.2	130	S 50 E	
794.0	8.00	2.4	288	N 72 W	100	1.3	130	S 50 E	
796.0	8.00	1.6	268	S 88 W	100	1.3	131	S 49 E	
798.0	8.00	2.5	297	N 63 W	100	1.2	131	S 49 E	

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WIST  
COLUMBIA  
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OREGON

DEPTH	WL	**FORMATION DIP**				GRADE	***BOREHOLE***		
		ANG	AZ	BEARING	DA		DAZ	BEARING	
800.0	8.00	3.8	297	N 63 W	100	1.2	131	S 49 E	
806.0	8.00	38.2	321	N 39 W	100	1.2	130	S 50 E	
818.0	8.00	45.9	324	N 36 W	77	1.1	129	S 51 E	
822.0	8.00	10.8	117	S 63 E	66	1.1	127	S 53 E	
824.0	8.00	34.5	140	S 40 E	100	1.0	126	S 54 E	
826.0	8.00	18.1	100	S 80 E	93	1.0	125	S 55 E	
834.0	8.00	10.9	117	S 63 E	100	1.1	126	S 54 E	
836.0	8.00	9.9	78	N 78 E	80	1.1	127	S 53 E	
838.0	8.00	13.8	70	N 70 E	100	1.1	125	S 55 E	
840.0	8.00	12.6	57	N 57 E	100	1.1	125	S 55 E	
842.0	8.00	15.8	60	N 60 E	100	1.1	126	S 54 E	
844.0	8.00	18.0	63	N 63 E	100	1.1	126	S 54 E	
846.0	8.00	19.3	62	N 62 E	100	1.0	128	S 52 E	
848.0	8.00	20.9	53	N 53 E	100	1.0	133	S 47 E	
850.0	8.00	19.0	54	N 54 E	100	0.9	134	S 46 E	
852.0	8.00	21.4	48	N 48 E	100	1.0	138	S 42 E	
854.0	8.00	14.9	59	N 59 E	100	0.9	140	S 40 E	
856.0	8.00	12.1	104	S 76 E	100	0.9	141	S 39 E	
858.0	8.00	17.7	92	S 88 E	100	1.0	141	S 39 E	
860.0	8.00	10.5	82	N 82 E	100	1.0	142	S 38 E	
862.0	8.00	8.8	73	N 73 E	100	1.0	144	S 36 E	
864.0	8.00	9.4	63	N 63 E	100	1.0	144	S 36 E	
866.0	8.00	9.5	62	N 62 E	100	1.0	145	S 35 E	
868.0	8.00	9.8	55	N 55 E	100	1.0	146	S 34 E	
870.0	8.00	8.6	50	N 50 E	100	1.0	147	S 33 E	
872.0	8.00	7.0	31	N 31 E	100	1.0	148	S 32 E	
874.0	8.00	15.0	54	N 54 E	100	1.0	148	S 32 E	
876.0	8.00	3.6	30	N 30 E	100	1.0	148	S 32 E	
878.0	8.00	16.8	16	N 16 E	100	0.9	147	S 33 E	
880.0	8.00	14.7	351	N 9 W	100	1.0	149	S 31 E	
882.0	8.00	14.9	342	N 18 W	100	1.1	146	S 34 E	
884.0	8.00	15.3	345	N 15 W	100	1.1	147	S 33 E	
886.0	8.00	13.2	349	N 11 W	100	1.1	146	S 34 E	
888.0	8.00	13.6	353	N 7 W	100	1.1	148	S 32 E	
890.0	8.00	12.1	358	N 2 W	100	1.0	147	S 33 E	
892.0	8.00	9.6	1	N 1 E	100	1.0	144	S 36 E	
894.0	8.00	8.0	359	N 1 W	100	1.0	146	S 34 E	
896.0	8.00	5.6	357	N 3 W	100	1.0	146	S 34 E	
898.0	8.00	5.9	356	N 4 W	100	1.1	145	S 35 E	
900.0	8.00	5.7	341	N 19 W	100	1.1	145	S 35 E	

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DEPTH	WL	**FORMATION DIP**				****BOREHOLE****		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
902.0	8.00	5.5	336	N 24 W	100	1.1	146	S 34 E
904.0	8.00	6.3	333	N 27 W	100	1.2	147	S 33 E
906.0	8.00	5.5	336	N 24 W	100	1.2	147	S 33 E
908.0	8.00	6.0	352	N 8 W	100	1.1	145	S 35 E
910.0	8.00	4.1	334	N 26 W	100	1.1	145	S 35 E
912.0	8.00	6.7	356	N 4 W	100	1.1	144	S 36 E
914.0	8.00	8.1	351	N 9 W	100	1.1	144	S 36 E
916.0	8.00	6.0	309	N 51 W	100	1.1	141	S 39 E
918.0	8.00	6.1	316	N 44 W	100	1.2	140	S 40 E
920.0	8.00	5.3	313	N 47 W	100	1.2	139	S 41 E
922.0	8.00	6.5	319	N 41 W	100	1.2	139	S 41 E
924.0	8.00	6.2	319	N 41 W	100	1.2	138	S 42 E
926.0	8.00	4.8	321	N 39 W	100	1.2	138	S 42 E
928.0	8.00	4.8	321	N 39 W	100	1.1	138	S 42 E
930.0	8.00	5.5	325	N 35 W	100	1.2	138	S 42 E
932.0	8.00	6.3	326	N 34 W	100	1.1	138	S 42 E
934.0	8.00	7.6	318	N 42 W	100	1.2	138	S 42 E
936.0	8.00	7.4	310	N 50 W	100	1.2	140	S 40 E
938.0	8.00	3.9	335	N 25 W	100	1.2	140	S 40 E
942.0	8.00	3.5	305	N 55 W	100	1.2	140	S 40 E
946.0	8.00	1.4	271	N 89 W	100	1.2	141	S 39 E
960.0	8.00	5.3	266	S 86 W	100	1.1	138	S 42 E
962.0	8.00	5.5	259	S 79 W	100	1.1	137	S 43 E
964.0	8.00	6.2	258	S 78 W	100	1.1	134	S 46 E
966.0	8.00	7.0	251	S 71 W	100	1.1	133	S 47 E
968.0	8.00	8.2	246	S 66 W	100	1.1	134	S 46 E
970.0	8.00	8.7	240	S 60 W	100	1.2	131	S 49 E
972.0	8.00	9.1	232	S 52 W	100	1.1	131	S 49 E
974.0	8.00	10.0	226	S 45 W	100	1.1	129	S 51 E
976.0	8.00	10.6	225	S 45 W	100	1.1	127	S 53 E
978.0	8.00	12.2	226	S 46 W	100	1.1	126	S 54 E
980.0	8.00	13.6	229	S 49 W	100	1.0	124	S 56 E
982.0	8.00	13.2	228	S 48 W	100	1.0	122	S 58 E
984.0	8.00	13.2	279	N 81 W	100	1.0	119	S 61 E
986.0	8.00	9.1	297	N 63 W	100	1.0	119	S 61 E
988.0	8.00	8.0	274	N 86 W	100	1.0	119	S 61 E
990.0	8.00	8.0	274	N 86 W	100	1.0	118	S 62 E
992.0	8.00	7.3	258	S 78 W	100	1.0	116	S 64 E
994.0	8.00	6.5	255	S 75 W	100	1.0	116	S 64 E
996.0	8.00	5.8	257	S 77 W	100	1.0	114	S 66 E

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COLUMBIA

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DEPTH	WL	**FORMATION DIP**			GRADE	****BOREHOLE****		
		ANG	AZ	BEARING		DA	DAZ	BEARING
1000.0	8.00	2.9	278	N 82 W	100	1.1	115	S 65 E
1008.0	8.00	5.3	347	N 13 W	100	1.1	113	S 67 E
1010.0	8.00	7.1	356	N 4 W	100	1.1	114	S 66 E
1012.0	8.00	7.4	331	N 29 W	100	1.1	114	S 66 E
1014.0	8.00	7.7	316	N 44 W	100	1.0	113	S 67 E
1016.0	8.00	8.0	314	N 46 W	100	1.0	112	S 68 E
1018.0	8.00	7.6	320	N 40 W	100	1.0	110	S 70 E
1020.0	8.00	5.3	320	N 40 W	100	1.0	111	S 69 E
1022.0	8.00	5.8	348	N 12 W	100	1.0	109	S 71 E
1024.0	8.00	9.5	331	N 29 W	100	1.0	108	S 72 E
1026.0	8.00	12.7	36	N 36 E	90	0.9	107	S 73 E
1030.0	8.00	29.3	90	N 90 E	76	1.0	114	S 66 E
1032.0	8.00	12.5	115	S 65 E	100	1.0	111	S 69 E
1046.0	8.00	4.3	102	S 78 E	100	1.1	107	S 73 E
1048.0	8.00	2.9	123	S 57 E	100	1.1	106	S 74 E
1050.0	8.00	4.2	158	S 22 E	100	1.1	106	S 74 E
1052.0	8.00	6.1	167	S 13 E	100	1.1	106	S 74 E
1054.0	8.00	7.8	177	S 3 E	100	1.1	104	S 76 E
1056.0	8.00	7.9	185	S 5 W	100	1.0	102	S 78 E
1058.0	8.00	9.2	182	S 2 W	100	1.0	107	S 73 E
1060.0	8.00	2.7	214	S 34 W	86	1.0	105	S 75 E
1066.0	8.00	28.3	216	S 36 W	95	0.9	105	S 75 E
1068.0	8.00	18.2	217	S 37 W	100	0.9	102	S 78 E
1070.0	8.00	34.0	214	S 34 W	100	0.9	100	S 80 E
1072.0	8.00	27.8	184	S 4 W	100	0.8	101	S 79 E
1074.0	8.00	17.1	223	S 43 W	89	0.8	100	S 80 E
1076.0	8.00	24.0	211	S 31 W	63	0.8	102	S 78 E
1078.0	8.00	23.4	195	S 15 W	100	0.9	95	S 85 E
1082.0	8.00	8.3	224	S 44 W	100	0.8	95	S 85 E
1084.0	8.00	9.3	223	S 43 W	88	0.8	97	S 83 E
1086.0	8.00	7.9	210	S 30 W	100	0.8	96	S 84 E
1088.0	8.00	4.9	166	S 14 E	100	0.9	94	S 86 E
1090.0	8.00	5.6	164	S 16 E	100	0.9	97	S 83 E
1092.0	8.00	36.6	48	N 48 E	100	0.8	101	S 79 E
1094.0	8.00	35.1	50	N 50 E	88	0.8	104	S 76 E
1096.0	8.00	32.6	51	N 51 E	100	0.8	110	S 70 E
1098.0	8.00	28.1	55	N 55 E	100	0.7	110	S 70 E
1100.0	8.00	25.9	49	N 49 E	100	0.6	105	S 75 E
1102.0	8.00	4.7	29	N 29 E	100	0.6	103	S 77 E
1104.0	8.00	5.3	25	N 25 E	100	0.6	104	S 76 E

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COLUMBIA

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DEPTH	WL	**FORMATION DIP**				****BOREHOLE****		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
1116.0	8.00	1.2	39	N 39 E	100	0.6	110	S 70 E
1118.0	8.00	0.7	84	N 84 E	100	0.6	109	S 71 E
1120.0	8.00	0.9	77	N 77 E	100	0.6	113	S 67 E
1122.0	8.00	1.4	173	S 7 E	100	0.6	116	S 64 E
1124.0	8.00	1.8	170	S 10 E	100	0.6	113	S 67 E
1126.0	8.00	2.2	179	S 1 E	100	0.7	115	S 65 E
1136.0	8.00	21.7	215	S 35 W	100	0.7	121	S 59 E
1138.0	8.00	13.0	236	S 56 W	100	0.6	124	S 56 E
1140.0	8.00	9.8	236	S 56 W	100	0.7	129	S 51 E
1142.0	8.00	7.3	239	S 59 W	100	0.6	127	S 53 E
1144.0	8.00	10.8	251	S 71 W	100	0.6	129	S 51 E
1146.0	8.00	8.9	267	S 87 W	100	0.7	126	S 54 E
1148.0	8.00	4.7	268	S 88 W	100	0.7	125	S 55 E
1150.0	8.00	5.0	290	N 70 W	100	0.7	126	S 54 E
1152.0	8.00	4.7	264	S 84 W	100	0.8	125	S 55 E
1154.0	8.00	24.4	225	S 45 W	100	0.8	124	S 56 E
1156.0	8.00	34.4	236	S 56 W	100	0.8	126	S 54 E
1158.0	8.00	32.5	212	S 32 W	62	0.8	127	S 53 E
1176.0	8.00	25.7	249	S 69 W	58	0.8	111	S 69 E
1178.0	8.00	28.4	252	S 72 W	61	0.7	115	S 65 E
1180.0	8.00	39.7	174	S 6 E	97	0.7	117	S 63 E
1184.0	8.00	36.5	174	S 6 E	100	0.7	119	S 61 E
1186.0	8.00	26.9	159	S 21 E	95	0.6	121	S 59 E
1188.0	8.00	22.2	150	S 30 E	87	0.7	117	S 63 E
1190.0	8.00	23.1	145	S 35 E	65	0.7	118	S 62 E
1194.0	8.00	10.2	220	S 40 W	100	0.7	120	S 60 E
1200.0	8.00	15.5	221	S 41 W	100	0.7	111	S 69 E
1202.0	8.00	17.6	232	S 52 W	100	0.7	111	S 69 E
1204.0	8.00	22.5	227	S 47 W	100	0.7	109	S 71 E
1206.0	8.00	21.5	228	S 48 W	100	0.8	107	S 73 E
1208.0	8.00	26.7	222	S 42 W	100	0.8	105	S 75 E
1210.0	8.00	18.0	205	S 25 W	100	0.8	101	S 79 E
1212.0	8.00	15.5	238	S 58 W	100	0.8	104	S 76 E
1214.0	8.00	18.1	216	S 36 W	100	0.7	107	S 73 E
1216.0	8.00	21.3	202	S 22 W	100	0.7	107	S 73 E
1228.0	8.00	29.1	223	S 43 W	100	0.6	110	S 70 E
1232.0	8.00	35.1	219	S 39 W	100	0.5	111	S 69 E
1236.0	8.00	37.5	188	S 8 W	60	0.5	109	S 71 E
1250.0	8.00	27.1	166	S 14 E	100	0.5	94	S 86 E
1254.0	8.00	12.5	180	S 0 E	100	0.7	85	N 85 E

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COLUMBIA

OREGON

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DEPTH	WL	**FORMATION DIP**				GRADE	***BOREHOLE***		
		ANG	AZ	BEARING	DA		DAZ	BEARING	
1256.0	8.00	13.2	184	S 4 W	99	0.7	88	N 88 E	
1260.0	8.00	12.9	183	S 5 W	93	0.8	83	N 83 E	
1264.0	8.00	14.4	191	S 11 W	100	0.7	78	N 78 E	
1268.0	8.00	39.2	142	S 36 E	100	0.8	84	N 84 E	
1270.0	8.00	38.4	155	S 25 E	100	0.7	87	N 87 E	
1278.0	8.00	39.8	56	N 56 E	100	0.7	83	N 83 E	
1280.0	8.00	24.2	30	N 30 E	100	0.7	85	N 85 E	
1282.0	8.00	38.4	46	N 46 E	94	0.7	85	N 85 E	
1284.0	8.00	40.4	336	N 24 W	91	0.7	82	N 82 E	
1286.0	8.00	19.6	298	N 62 W	100	0.7	77	N 77 E	
1294.0	8.00	29.7	212	S 32 W	67	0.7	70	N 70 E	
1296.0	8.00	22.1	234	S 54 W	61	0.7	73	N 73 E	
1298.0	8.00	34.2	243	S 63 W	100	0.7	74	N 74 E	
1300.0	8.00	32.2	250	S 70 W	100	0.7	78	N 78 E	
1302.0	8.00	24.1	271	N 89 W	100	0.7	80	N 80 E	
1304.0	8.00	28.8	282	N 78 W	94	0.7	78	N 78 E	
1306.0	8.00	17.1	93	S 87 E	100	0.6	80	N 80 E	
1308.0	8.00	13.9	64	N 64 E	100	0.6	76	N 76 E	
1310.0	8.00	16.0	48	N 48 E	100	0.6	77	N 77 E	
1312.0	8.00	15.2	30	N 30 E	100	0.7	79	N 79 E	
1314.0	8.00	40.7	358	N 10 W	70	0.7	74	N 74 E	
1316.0	8.00	33.1	340	N 20 W	100	0.6	71	N 71 E	
1322.0	8.00	36.3	19	N 19 E	100	0.6	61	N 61 E	
1326.0	8.00	14.2	53	N 53 E	100	0.6	59	N 59 E	
1328.0	8.00	13.1	42	N 42 E	100	0.6	55	N 55 E	
1330.0	8.00	10.5	32	N 32 E	100	0.6	52	N 52 E	
1338.0	8.00	28.4	34	N 34 E	100	0.6	50	N 50 E	
1342.0	8.00	25.7	358	N 10 W	85	0.7	48	N 48 E	
1344.0	8.00	30.9	0	N 0 E	61	0.7	50	N 50 E	
1346.0	8.00	16.6	210	S 38 W	100	0.8	58	N 58 E	
1358.0	8.00	35.9	224	S 44 W	89	0.6	48	N 48 E	
1368.0	8.00	25.0	202	S 22 W	100	0.5	37	N 37 E	
1370.0	8.00	20.5	216	S 36 W	100	0.5	37	N 37 E	
1384.0	8.00	35.6	226	S 46 W	100	0.6	33	N 33 E	
1386.0	8.00	35.5	237	S 57 W	81	0.7	41	N 41 E	
1390.0	8.00	35.9	232	S 52 W	96	0.7	34	N 34 E	
1394.0	8.00	38.2	298	N 62 W	100	0.6	17	N 17 E	
1396.0	8.00	15.7	276	N 84 W	88	0.7	20	N 20 E	
1398.0	8.00	15.0	277	N 83 W	100	0.7	28	N 28 E	
1400.0	8.00	14.8	267	S 87 W	100	0.8	32	N 32 E	



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COLUMBIA

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DEPTH	WL	**FORMATION DIP**				****BOREHOLE****		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
1402.0	8.00	12.4	294	N 66 W	92	0.8	39	N 39 E
1406.0	8.00	19.1	342	N 18 W	93	0.7	39	N 39 E
1408.0	8.00	25.0	350	N 10 W	100	0.7	46	N 46 E
1416.0	8.00	35.7	356	N 4 W	57	0.7	38	N 38 E
1434.0	8.00	34.9	335	N 25 W	100	0.8	33	N 33 E
1436.0	8.00	1.5	191	S 11 W	100	0.8	35	N 35 E
1438.0	8.00	0.9	213	S 33 W	100	0.8	42	N 42 E
1442.0	8.00	1.8	226	S 46 W	100	0.9	43	N 43 E
1444.0	8.00	12.1	258	S 78 W	100	0.8	44	N 44 E
1448.0	8.00	2.7	251	S 71 W	100	0.7	37	N 37 E
1450.0	8.00	2.8	180	S 0 E	100	0.7	33	N 33 E
1452.0	8.00	3.1	193	S 13 W	85	0.7	31	N 31 E
1454.0	8.00	5.8	221	S 41 W	100	0.7	34	N 34 E
1456.0	8.00	6.1	205	S 25 W	87	0.7	28	N 28 E
1462.0	8.00	14.5	207	S 27 W	63	0.9	32	N 32 E
1472.0	8.00	23.7	186	S 6 W	100	0.8	27	N 27 E
1476.0	8.00	17.3	162	S 18 E	100	0.9	29	N 29 E
1478.0	8.00	30.1	174	S 6 E	100	0.9	31	N 31 E
1482.0	8.00	1.0	218	S 36 W	100	0.9	34	N 34 E
1488.0	8.00	22.0	209	S 29 W	100	0.9	40	N 40 E
1490.0	8.00	23.5	210	S 30 W	100	0.9	42	N 42 E
1492.0	8.00	2.0	238	S 58 W	100	0.9	42	N 42 E
1496.0	8.00	42.6	242	S 62 W	75	0.9	38	N 38 E
1498.0	8.00	12.3	209	S 29 W	100	0.9	33	N 33 E
1500.0	8.00	11.9	207	S 27 W	100	0.9	33	N 33 E
1506.0	8.00	0.9	202	S 22 W	100	0.9	31	N 31 E
1508.0	8.00	0.9	204	S 24 W	99	0.9	32	N 32 E
1520.0	8.00	21.8	261	S 81 W	100	0.8	25	N 25 E
1522.0	8.00	20.6	257	S 77 W	100	0.8	32	N 32 E
1524.0	8.00	21.3	255	S 75 W	100	0.8	36	N 36 E
1528.0	8.00	21.6	255	S 75 W	100	0.9	37	N 37 E
1530.0	8.00	32.3	245	S 65 W	100	0.8	38	N 38 E
1532.0	8.00	17.4	223	S 43 W	68	0.8	43	N 43 E
1536.0	8.00	12.7	255	S 75 W	100	0.8	37	N 37 E
1540.0	8.00	8.8	233	S 53 W	55	0.7	32	N 32 E
1544.0	8.00	0.5	220	S 40 W	75	0.7	40	N 40 E
1546.0	8.00	0.7	230	S 50 W	100	0.7	38	N 38 E
1548.0	8.00	0.7	225	S 45 W	100	0.7	40	N 40 E
1550.0	8.00	0.7	229	S 49 W	100	0.7	43	N 43 E
1552.0	8.00	0.6	225	S 45 W	100	0.6	37	N 37 E

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COLUMBIA

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DEPTH	WL	**FORMATION DIP**				***BOREHOLE***			
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
1554.0	8.00	0.4	227	S 47 W	100	0.6	31	N 31 E	
1558.0	8.00	22.6	216	S 36 W	76	0.6	31	N 31 E	
1560.0	8.00	3.1	249	S 69 W	100	0.6	34	N 34 E	
1562.0	8.00	11.4	222	S 42 W	100	0.6	28	N 28 E	
1564.0	8.00	33.0	242	S 62 W	100	0.6	28	N 28 E	
1566.0	8.00	32.0	232	S 52 W	78	0.6	27	N 27 E	
1568.0	8.00	37.8	154	S 26 E	61	0.6	31	N 31 E	
1574.0	8.00	42.0	171	S 9 E	65	0.6	33	N 33 E	
1576.0	8.00	13.6	162	S 18 E	100	0.6	27	N 27 E	
1578.0	8.00	40.4	167	S 13 E	89	0.6	28	N 28 E	
1590.0	8.00	14.1	211	S 31 W	80	0.6	51	N 51 E	
1598.0	8.00	10.3	240	S 60 W	100	0.6	48	N 48 E	
1602.0	8.00	11.2	243	S 63 W	100	0.6	45	N 45 E	
1604.0	8.00	13.2	237	S 57 W	100	0.6	43	N 43 E	
1606.0	8.00	10.1	227	S 47 W	100	0.6	43	N 43 E	
1614.0	8.00	2.0	206	S 26 W	100	0.6	54	N 54 E	
1616.0	8.00	1.8	199	S 19 W	100	0.6	53	N 53 E	
1618.0	8.00	2.0	176	S 7 E	98	0.6	51	N 51 E	
1620.0	8.00	4.6	153	S 27 E	85	0.6	49	N 49 E	
1622.0	8.00	4.8	148	S 32 E	94	0.6	51	N 51 E	
1624.0	8.00	2.6	181	S 1 W	100	0.6	55	N 55 E	
1634.0	8.00	23.2	242	S 62 W	100	0.6	59	N 59 E	
1636.0	8.00	30.6	213	S 33 W	100	0.6	54	N 54 E	
1638.0	8.00	28.1	224	S 44 W	100	0.7	56	N 56 E	
1642.0	8.00	11.8	237	S 57 W	100	0.7	64	N 64 E	
1644.0	8.00	14.0	217	S 37 W	100	0.7	63	N 63 E	
1646.0	8.00	25.7	258	S 78 W	100	0.6	65	N 65 E	
1658.0	8.00	40.7	234	S 54 W	67	0.7	60	N 60 E	
1660.0	8.00	14.8	183	S 3 W	95	0.7	59	N 59 E	
1664.0	8.00	26.9	166	S 14 E	100	0.7	60	N 60 E	
1666.0	8.00	21.8	160	S 20 E	100	0.7	62	N 62 E	
1674.0	8.00	9.2	274	N 86 W	100	0.8	58	N 58 E	
1684.0	8.00	31.6	287	N 73 W	100	0.9	57	N 57 E	
1686.0	8.00	32.8	281	N 79 W	100	0.8	60	N 60 E	
1688.0	8.00	28.7	288	N 72 W	96	0.8	60	N 60 E	
1690.0	8.00	20.5	267	S 87 W	100	0.8	61	N 61 E	
1696.0	8.00	14.0	278	N 82 W	100	0.7	50	N 50 E	
1698.0	8.00	7.5	265	S 89 W	100	0.7	44	N 44 E	
1700.0	8.00	10.1	269	S 89 W	100	0.7	44	N 44 E	
1702.0	8.00	9.3	268	S 88 W	100	0.7	45	N 45 E	

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COLUMBIA

OREGON

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DEPTH	WL	**FORMATION DIP**				***BOREHOLE***		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BLARING
1704.0	8.00	13.8	282	N 78 W	83	0.8	44	N 44 E
1710.0	8.00	41.9	278	N 82 W	75	0.8	39	N 39 E
1712.0	8.00	35.0	264	S 84 W	100	0.8	38	N 38 E
1714.0	8.00	32.0	288	N 72 W	100	0.7	37	N 37 E
1716.0	8.00	0.3	246	S 66 W	100	0.8	35	N 35 E
1718.0	8.00	18.8	243	S 63 W	100	0.7	38	N 38 E
1720.0	8.00	19.7	271	N 89 W	100	0.7	38	N 38 E
1722.0	8.00	17.8	273	N 87 W	100	0.8	42	N 42 E
1726.0	8.00	18.7	262	S 62 W	100	0.7	40	N 40 E
1728.0	8.00	17.5	267	S 67 W	100	0.7	40	N 40 E
1730.0	8.00	16.1	263	S 63 W	94	0.7	43	N 43 E
1732.0	8.00	14.4	244	S 64 W	100	0.7	41	N 41 E
1734.0	8.00	15.4	240	S 60 W	100	0.7	38	N 38 E
1736.0	8.00	12.4	237	S 57 W	100	0.7	40	N 40 E
1738.0	8.00	14.9	244	S 64 W	100	0.8	41	N 41 E
1744.0	8.00	44.6	159	S 21 E	43	0.7	41	N 41 E
1748.0	8.00	22.4	168	S 12 E	75	0.7	40	N 40 E
1750.0	8.00	44.9	205	S 25 E	99	0.7	41	N 41 E
1754.0	8.00	35.7	288	S 28 W	100	0.6	38	N 38 E
1758.0	8.00	16.4	277	N 63 W	100	0.5	45	N 45 E
1760.0	8.00	15.0	267	S 67 W	100	0.5	47	N 47 E
1762.0	8.00	13.8	238	S 58 W	100	0.5	49	N 49 E
1764.0	8.00	16.2	238	S 58 W	100	0.5	49	N 49 E
1766.0	8.00	15.1	235	S 59 W	100	0.5	50	N 50 E
1768.0	8.00	17.0	241	S 61 W	85	0.5	52	N 52 E
1770.0	8.00	14.1	228	S 48 W	100	0.5	53	N 53 E
1776.0	8.00	8.8	260	S 80 W	100	0.5	53	N 53 E
1780.0	8.00	11.6	267	S 67 W	100	0.5	57	N 57 E
1782.0	8.00	10.6	265	S 65 W	100	0.5	57	N 57 E
1784.0	8.00	9.2	267	S 67 W	100	0.5	56	N 56 E
1786.0	8.00	8.0	257	S 77 W	100	0.5	57	N 57 E
1788.0	8.00	9.0	267	S 67 W	100	0.5	58	N 58 E
1790.0	8.00	6.0	257	S 77 W	100	0.5	56	N 56 E
1792.0	8.00	9.3	245	S 69 W	100	0.5	59	N 59 E
1794.0	8.00	12.8	264	S 64 W	100	0.5	59	N 59 E
1796.0	8.00	12.4	252	S 72 W	100	0.5	60	N 60 E
1798.0	8.00	11.2	271	N 89 W	100	0.5	57	N 57 E
1800.0	8.00	13.5	252	S 72 W	100	0.5	56	N 56 E
1802.0	8.00	13.8	264	S 64 W	100	0.5	56	N 56 E
1804.0	8.00	15.0	254	S 74 W	78	0.5	51	N 51 E

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COLUMBIA

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DEPTH	WL	**FORMATION DIP**				***BOREHOLE***		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
1816.0	8.00	15.2	300	N 60 W	100	0.5	50	N 50 E
1818.0	8.00	5.0	334	N 26 W	100	0.5	54	N 54 E
1820.0	8.00	9.2	318	N 42 W	100	0.5	50	N 50 E
1822.0	8.00	8.0	325	N 35 W	100	0.5	47	N 47 E
1824.0	8.00	9.3	319	N 41 W	100	0.5	52	N 52 E
1826.0	8.00	10.0	287	N 73 W	100	0.5	53	N 53 E
1828.0	8.00	8.1	301	N 59 W	100	0.5	56	N 56 E
1830.0	8.00	10.8	314	N 46 W	100	0.5	60	N 60 E
1832.0	8.00	8.8	306	N 54 W	100	0.4	63	N 63 E
1834.0	8.00	30.7	306	N 54 W	100	0.5	59	N 59 E
1836.0	8.00	4.2	313	N 47 W	100	0.4	63	N 63 E
1840.0	8.00	14.6	232	S 52 W	47	0.4	59	N 59 E
1842.0	8.00	14.0	229	S 49 W	100	0.4	64	N 64 E
1844.0	8.00	25.4	226	S 46 W	100	0.4	63	N 63 E
1846.0	8.00	8.9	216	S 36 W	95	0.4	56	N 56 E
1850.0	8.00	5.4	213	S 33 W	100	0.4	55	N 55 E
1852.0	8.00	17.1	237	S 57 W	100	0.4	46	N 46 E
1854.0	8.00	13.8	238	S 58 W	100	0.4	41	N 41 E
1856.0	8.00	15.9	235	S 55 W	100	0.4	39	N 39 E
1858.0	8.00	15.0	226	S 46 W	100	0.4	38	N 38 E
1860.0	8.00	9.0	206	S 26 W	100	0.4	44	N 44 E
1862.0	8.00	17.9	230	S 50 W	100	0.4	34	N 34 E
1864.0	8.00	11.4	220	S 40 W	100	0.5	48	N 48 E
1866.0	8.00	8.2	233	S 53 W	100	0.4	48	N 48 E
1868.0	8.00	8.3	232	S 52 W	100	0.4	53	N 53 E
1870.0	8.00	9.3	236	S 56 W	100	0.4	56	N 56 E
1872.0	8.00	10.0	240	S 60 W	100	0.5	58	N 58 E
1874.0	8.00	9.3	250	S 70 W	100	0.5	58	N 58 E
1876.0	8.00	10.4	254	S 74 W	100	0.5	59	N 59 E
1878.0	8.00	10.6	256	S 76 W	62	0.5	63	N 63 E
1886.0	8.00	16.1	248	S 68 W	100	0.4	62	N 62 E
1888.0	8.00	6.4	283	N 77 W	100	0.4	62	N 62 E
1894.0	8.00	30.0	308	N 52 W	93	0.5	63	N 63 E
1910.0	8.00	3.4	276	N 84 W	100	0.5	55	N 55 E
1916.0	8.00	4.1	264	S 84 W	100	0.5	50	N 50 E
1918.0	8.00	2.6	265	S 85 W	100	0.5	46	N 46 E
1920.0	8.00	2.6	251	S 71 W	100	0.4	47	N 47 E
1922.0	8.00	6.3	218	S 38 W	100	0.4	50	N 50 E
1924.0	8.00	6.0	194	S 14 W	100	0.5	53	N 53 E
1930.0	8.00	30.5	185	S 5 W	86	0.5	42	N 42 E

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COLUMBIA

OREGON

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DEPTH	WL	**FORMATION DIP**				***BOREHOLE***			
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
1934.0	8.00	31.5	184	S 4 W	74	0.6	46	N 46 E	
1936.0	8.00	27.5	211	S 31 W	72	0.5	46	N 46 E	
1940.0	8.00	5.4	242	S 62 W	100	0.6	47	N 47 E	
1942.0	8.00	24.6	227	S 47 W	100	0.5	51	N 51 E	
1956.0	8.00	39.6	239	S 59 W	81	0.6	54	N 54 E	
1964.0	8.00	37.7	232	S 52 W	100	0.6	50	N 50 E	
1972.0	8.00	36.3	232	S 52 W	69	0.6	54	N 54 E	
1974.0	8.00	8.4	321	N 39 W	100	0.6	50	N 50 E	
1976.0	8.00	8.9	320	N 40 W	100	0.6	49	N 49 E	
1984.0	8.00	8.4	309	N 51 W	100	0.5	36	N 36 E	
1988.0	8.00	20.2	239	S 59 W	100	0.5	35	N 35 E	
1992.0	8.00	21.6	231	S 51 W	100	0.6	34	N 34 E	
1994.0	8.00	4.9	272	N 88 W	100	0.6	37	N 37 E	
1998.0	8.00	2.2	243	S 63 W	100	0.6	40	N 40 E	
2004.0	8.00	13.9	233	S 53 W	100	0.6	44	N 44 E	
2006.0	8.00	10.4	251	S 71 W	100	0.6	44	N 44 E	
2008.0	8.00	8.5	250	S 70 W	99	0.6	45	N 45 E	
2010.0	8.00	7.7	269	S 89 W	100	0.7	44	N 44 E	
2012.0	8.00	27.6	275	N 85 E	100	0.7	45	N 45 E	
2014.0	8.00	28.3	273	N 87 W	100	0.7	51	N 51 E	
2016.0	8.00	28.4	275	N 85 W	100	0.7	48	N 48 E	
2020.0	8.00	19.7	196	S 16 W	100	0.7	50	N 50 E	
2022.0	8.00	15.3	211	S 31 W	100	0.7	51	N 51 E	
2024.0	8.00	17.2	203	S 23 W	100	0.6	50	N 50 E	
2026.0	8.00	26.6	205	S 25 W	96	0.6	47	N 47 E	
2028.0	8.00	27.6	203	S 23 W	98	0.6	46	N 46 E	
2030.0	8.00	24.9	199	S 19 W	86	0.6	46	N 46 E	
2032.0	8.00	19.0	192	S 12 W	89	0.6	44	N 44 E	
2034.0	8.00	23.7	193	S 13 W	100	0.6	38	N 38 E	
2036.0	8.00	32.6	178	S 2 E	100	0.7	37	N 37 E	
2060.0	8.00	35.3	223	S 43 W	70	0.8	10	N 10 E	
2070.0	8.00	37.6	222	S 42 W	100	0.9	2	N 2 E	
2074.0	8.00	22.3	219	S 39 W	100	0.9	2	N 2 E	
2082.0	8.00	35.6	180	S 0 E	100	1.0	0	N 0 E	
2084.0	8.00	44.8	194	S 14 W	94	1.1	0	N 0 E	
2086.0	8.00	38.8	186	S 6 W	94	1.1	0	N 0 E	
2090.0	8.00	31.1	186	S 6 W	63	1.1	358	N 2 W	
2092.0	8.00	33.2	186	S 6 W	95	1.1	358	N 2 W	
2094.0	8.00	30.7	177	S 3 E	100	1.1	355	N 5 W	
2104.0	8.00	15.4	214	S 34 W	86	1.2	354	N 6 W	

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DEPTH	WL	**FORMATION DIP**				GRADE	****BOREHOLE****		
		ANG	AZ	BEARING	DA		DAZ	BEARING	
2106.0	8.00	8.9	185	S 5 W	95	1.2	352	N 8 W	
2108.0	8.00	33.5	136	S 44 E	100	1.2	351	N 9 W	
2114.0	8.00	42.3	127	S 53 E	100	1.4	349	N 11 W	
2116.0	8.00	33.9	96	S 84 E	72	1.4	349	N 11 W	
2118.0	8.00	33.3	100	S 80 E	90	1.4	347	N 13 W	
2120.0	8.00	34.3	97	S 83 E	100	1.5	348	N 12 W	
2128.0	8.00	39.4	67	N 67 E	72	1.6	350	N 10 W	
2134.0	8.00	40.8	83	N 83 E	96	1.7	350	N 10 W	
2138.0	8.00	35.6	167	S 73 E	76	1.7	347	N 13 W	
2142.0	8.00	39.0	146	S 34 E	100	1.7	349	N 11 W	
2144.0	8.00	34.7	146	S 34 E	100	1.7	347	N 13 W	
2158.0	8.00	44.9	165	S 15 E	94	1.9	341	N 19 W	
2160.0	8.00	44.6	175	S 5 E	100	2.0	339	N 21 W	
2164.0	8.00	48.3	164	S 16 E	52	2.0	342	N 16 W	
2166.0	8.00	43.4	148	S 32 E	100	2.0	344	N 16 W	
2170.0	8.00	40.8	135	S 45 E	90	2.1	345	N 15 W	
2194.0	8.00	36.4	144	S 36 E	100	2.4	339	N 21 W	
2196.0	8.00	35.7	53	S 87 E	100	2.5	339	N 21 W	
2198.0	8.00	38.0	100	S 80 E	100	2.5	339	N 21 W	
2202.0	8.00	23.7	252	S 72 W	100	2.5	340	N 20 W	
2210.0	8.00	35.1	261	S 81 W	39	2.6	340	N 20 W	
2214.0	8.00	25.3	278	N 82 W	100	2.6	339	N 21 W	
2216.0	8.00	24.5	277	N 83 W	100	2.5	340	N 20 W	
2220.0	8.00	23.4	266	S 86 W	86	2.5	339	N 21 W	
2222.0	8.00	9.0	283	N 77 W	100	2.5	339	N 21 W	
2224.0	8.00	8.3	287	N 73 W	100	2.5	339	N 21 W	
2226.0	8.00	10.2	287	N 73 W	100	2.5	340	N 20 W	
2228.0	8.00	19.6	307	N 53 W	100	2.5	339	N 21 W	
2230.0	8.00	18.1	319	N 41 W	100	2.5	338	N 22 W	
2232.0	8.00	24.3	305	N 55 W	100	2.5	338	N 22 W	
2234.0	8.00	16.7	289	N 71 W	100	2.6	338	N 22 W	
2236.0	8.00	8.5	279	N 81 W	100	2.6	338	N 22 W	
2246.0	8.00	15.0	277	N 83 W	93	2.5	339	N 21 W	
2248.0	8.00	12.4	258	S 78 W	66	2.4	340	N 20 W	
2250.0	8.00	12.1	265	S 85 W	100	2.4	340	N 20 W	
2252.0	8.00	12.1	274	N 86 W	100	2.4	340	N 20 W	
2256.0	8.00	13.9	273	N 87 W	81	2.4	340	N 20 W	
2258.0	8.00	7.3	263	S 83 W	68	2.4	341	N 19 W	
2260.0	8.00	41.0	319	N 41 W	100	2.4	340	N 20 W	
2262.0	8.00	39.2	319	N 41 W	100	2.4	340	N 20 W	

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DEPTH	WL	**FORMATION DIP**				***BOREHOLE***		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
2264.0	8.00	20.3	308	N 52 W	100	2.4	340	N 20 W
2268.0	8.00	7.0	305	N 55 W	97	2.4	341	N 19 W
2272.0	8.00	13.2	284	N 76 W	100	2.4	343	N 17 W
2274.0	8.00	14.4	269	S 89 W	100	2.4	342	N 18 W
2276.0	8.00	17.7	244	S 64 W	100	2.4	342	N 18 W
2278.0	8.00	18.5	249	S 69 W	100	2.4	343	N 17 W
2280.0	8.00	19.7	243	S 63 W	100	2.4	343	N 17 W
2282.0	8.00	23.3	242	S 62 W	100	2.4	343	N 17 W
2284.0	8.00	22.7	240	S 60 W	100	2.5	343	N 17 W
2286.0	8.00	22.7	235	S 55 W	100	2.5	344	N 16 W
2288.0	8.00	20.1	239	S 59 W	100	2.5	343	N 17 W
2290.0	8.00	16.0	243	S 63 W	100	2.5	342	N 18 W
2292.0	8.00	18.4	236	S 56 W	100	2.5	343	N 17 W
2294.0	8.00	19.4	227	S 47 W	100	2.6	343	N 17 W
2296.0	8.00	24.9	223	S 43 W	100	2.6	344	N 16 W
2298.0	8.00	25.5	222	S 42 W	100	2.6	344	N 16 W
2300.0	8.00	36.9	233	S 53 W	93	2.7	345	N 15 W
2302.0	8.00	27.6	240	S 60 W	90	2.6	346	N 14 W
2304.0	8.00	26.4	237	S 57 W	100	2.6	345	N 15 W
2306.0	8.00	23.1	240	S 60 W	100	2.6	345	N 15 W
2308.0	8.00	24.6	234	S 54 W	79	2.6	345	N 15 W
2310.0	8.00	28.9	252	S 72 W	100	2.6	346	N 14 W
2312.0	8.00	43.6	239	S 59 W	100	2.6	347	N 13 W
2316.0	8.00	20.9	245	S 65 W	100	2.5	346	N 14 W
2318.0	8.00	16.7	255	S 75 W	100	2.6	347	N 13 W
2320.0	8.00	20.2	230	S 50 W	100	2.6	347	N 13 W
2324.0	8.00	40.3	203	S 23 W	100	2.5	346	N 14 W
2326.0	8.00	6.9	307	N 53 W	100	2.5	346	N 14 W
2338.0	8.00	11.6	3	N 3 E	100	2.6	344	N 16 W
2340.0	8.00	19.4	347	N 13 W	100	2.5	343	N 17 W
2342.0	8.00	17.8	348	N 12 W	100	2.6	343	N 17 W
2344.0	8.00	18.3	344	N 16 W	89	2.5	343	N 17 W
2346.0	8.00	17.7	324	N 36 W	83	2.5	343	N 17 W
2352.0	8.00	14.8	319	N 41 W	100	2.5	345	N 15 W
2356.0	8.00	24.7	69	N 69 E	100	2.5	344	N 16 W
2358.0	8.00	5.1	86	N 83 E	100	2.5	346	N 14 W
2360.0	8.00	7.3	79	N 79 E	100	2.5	346	N 14 W
2362.0	8.00	7.1	100	S 80 E	100	2.4	347	N 13 W
2364.0	8.00	5.7	81	N 81 E	100	2.4	348	N 12 W
2366.0	8.00	3.2	110	S 70 E	100	2.4	348	N 12 W

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DEPTH	WL	**FORMATION DIP**				***BOREHOLE***			
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING	
2368.0	8.00	3.0	82	N 82 E	100	2.3	349	N 11 W	
2370.0	8.00	2.6	105	S 75 E	100	2.3	349	N 11 W	
2372.0	8.00	1.9	104	S 76 E	100	2.3	349	N 11 W	
2374.0	8.00	1.8	118	S 62 E	100	2.3	349	N 11 W	
2380.0	8.00	3.6	144	S 36 E	100	2.3	347	N 13 W	
2382.0	8.00	4.0	145	S 35 E	100	2.3	348	N 12 W	
2384.0	8.00	3.2	154	S 26 E	100	2.3	347	N 13 W	
2392.0	8.00	3.4	149	S 31 E	100	2.3	347	N 13 W	
2394.0	8.00	4.1	157	S 23 E	100	2.2	346	N 14 W	
2396.0	8.00	4.5	126	S 54 E	100	2.3	346	N 14 W	
2398.0	8.00	3.3	119	S 61 E	100	2.3	346	N 14 W	
2400.0	8.00	3.0	113	S 67 E	100	2.3	346	N 14 W	
2402.0	8.00	6.0	99	S 81 E	100	2.3	347	N 13 W	
2404.0	8.00	3.1	88	N 88 E	100	2.3	347	N 13 W	
2410.0	8.00	4.5	201	S 21 W	100	2.3	347	N 13 W	
2412.0	8.00	3.4	242	S 62 W	100	2.3	348	N 12 W	
2414.0	8.00	2.8	264	S 64 W	100	2.2	347	N 13 W	
2416.0	8.00	3.4	265	S 85 W	100	2.2	348	N 12 W	
2418.0	8.00	3.1	278	N 82 W	100	2.2	348	N 12 W	
2420.0	8.00	3.9	283	N 77 W	100	2.2	349	N 11 W	
2422.0	8.00	4.3	294	N 66 W	100	2.2	348	N 12 W	
2424.0	8.00	4.1	296	N 64 W	100	2.1	349	N 11 W	
2426.0	8.00	4.2	300	N 60 W	100	2.1	348	N 12 W	
2428.0	8.00	3.1	316	N 42 W	100	2.1	349	N 11 W	
2430.0	8.00	2.8	345	N 15 W	100	2.1	348	N 12 W	
2432.0	8.00	2.8	336	N 24 W	100	2.1	349	N 11 W	
2434.0	8.00	3.0	316	N 44 W	100	2.1	348	N 12 W	
2436.0	8.00	2.0	344	N 16 W	100	2.0	348	N 12 W	
2440.0	8.00	10.8	15	N 15 E	100	2.0	348	N 12 W	
2442.0	8.00	17.7	6	N 6 E	100	2.0	347	N 13 W	
2444.0	8.00	6.4	343	N 17 W	100	2.1	348	N 12 W	
2446.0	8.00	6.2	312	N 46 W	100	2.0	348	N 12 W	
2448.0	8.00	5.4	311	N 49 W	100	2.0	346	N 14 W	
2450.0	8.00	4.6	300	N 60 W	100	2.1	347	N 13 W	
2452.0	8.00	4.8	287	N 73 W	100	2.1	347	N 13 W	
2454.0	8.00	1.8	275	N 81 W	79	2.1	347	N 13 W	
2460.0	8.00	2.3	295	N 65 W	100	2.0	346	N 14 W	
2462.0	8.00	3.1	305	N 55 W	100	2.0	347	N 13 W	
2464.0	8.00	3.1	294	N 66 W	100	2.0	347	N 13 W	
2466.0	8.00	1.8	283	N 77 W	100	2.0	347	N 13 W	



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DEPTH	WL	**FORMATION DIP**				GRADE	***BOREHOLE***		
		ANG	AZ	BEARING	DA		DAZ	BEARING	
2458.0	8.00	0.2	332	N 28 W	100	2.0	348	N 12 W	
2470.0	8.00	0.4	56	N 56 E	100	2.0	348	N 12 W	
2472.0	8.00	3.6	44	N 44 E	100	2.0	349	N 11 W	
2474.0	8.00	4.6	42	N 42 E	100	1.9	348	N 12 W	
2476.0	8.00	5.8	68	N 68 E	100	2.0	347	N 13 W	
2478.0	8.00	4.8	53	N 53 E	100	2.0	347	N 13 W	
2480.0	8.00	4.7	55	N 55 E	100	2.0	347	N 13 W	
2482.0	8.00	5.9	65	N 65 E	100	2.0	347	N 13 W	
2484.0	8.00	7.9	62	N 62 E	100	2.0	346	N 14 W	
2486.0	8.00	4.5	39	N 39 E	100	1.9	347	N 13 W	
2488.0	8.00	4.2	44	N 44 E	100	2.0	347	N 13 W	
2490.0	8.00	4.3	55	N 55 E	100	2.0	346	N 14 W	
2492.0	8.00	4.6	64	N 64 E	100	1.9	346	N 14 W	
2494.0	8.00	5.1	63	N 63 E	78	1.9	346	N 14 W	
2496.0	8.00	4.7	54	N 54 E	100	1.9	347	N 13 W	
2498.0	8.00	3.9	8	N 8 E	100	1.9	346	N 14 W	
2500.0	8.00	7.9	33	N 33 E	100	1.9	346	N 14 W	
2502.0	8.00	5.2	8	N 8 E	100	1.9	346	N 14 W	
2510.0	8.00	44.8	11	N 11 E	100	1.8	347	N 13 W	
2512.0	8.00	45.7	8	N 8 E	100	1.8	347	N 13 W	
2514.0	8.00	6.2	61	N 61 E	100	1.8	345	N 15 W	
2516.0	8.00	27.2	53	N 53 E	100	1.8	344	N 16 W	
2518.0	8.00	25.7	348	N 12 W	100	1.8	345	N 15 W	
2520.0	8.00	12.4	350	N 10 W	100	1.7	345	N 15 W	
2526.0	8.00	8.3	44	N 44 E	100	1.7	344	N 16 W	
2530.0	8.00	12.7	69	N 69 E	100	1.7	343	N 17 W	
2532.0	8.00	14.9	80	N 80 E	100	1.7	343	N 17 W	
2534.0	8.00	15.2	80	N 80 E	100	1.7	343	N 17 W	
2536.0	8.00	5.9	104	S 76 E	100	1.7	343	N 17 W	
2538.0	8.00	7.9	59	N 59 E	100	1.7	342	N 18 W	
2540.0	8.00	16.4	79	N 79 E	100	1.7	342	N 18 W	
2542.0	8.00	15.2	90	N 90 E	100	1.7	343	N 17 W	
2544.0	8.00	12.9	30	N 30 E	100	1.7	342	N 18 W	
2546.0	8.00	12.1	40	N 40 E	100	1.7	341	N 19 W	
2548.0	8.00	10.5	37	N 37 E	100	1.7	341	N 19 W	
2550.0	8.00	10.7	48	N 48 E	100	1.7	340	N 20 W	
2552.0	8.00	9.9	64	N 64 E	100	1.7	340	N 20 W	
2554.0	8.00	8.8	68	N 68 E	100	1.7	342	N 18 W	
2556.0	8.00	10.2	68	N 68 E	100	1.7	341	N 19 W	
2558.0	8.00	10.7	57	N 57 E	100	1.6	343	N 17 W	

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DEPTH	WL	**FORMATION DIP**				****BOREHOLE****		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
2560.0	8.00	10.2	61	N 61 E	100	1.6	342	N 18 W
2562.0	8.00	9.4	71	N 71 E	100	1.6	343	N 17 W
2564.0	8.00	9.1	68	N 68 E	100	1.6	340	N 20 W
2566.0	8.00	9.9	59	N 59 E	100	1.5	339	N 21 W
2568.0	8.00	10.1	48	N 48 E	100	1.5	339	N 21 W
2570.0	8.00	11.5	36	N 36 E	100	1.5	337	N 23 W
2572.0	8.00	8.9	40	N 40 E	100	1.5	339	N 21 W
2574.0	8.00	8.5	62	N 62 E	100	1.5	339	N 21 W
2576.0	8.00	12.4	80	N 80 E	100	1.4	337	N 23 W
2578.0	8.00	6.9	72	N 72 E	100	1.4	339	N 21 W
2580.0	8.00	6.6	77	N 77 E	100	1.4	337	N 23 W
2582.0	8.00	5.5	97	S 83 E	100	1.5	336	N 24 W
2586.0	8.00	7.6	87	N 87 E	100	1.4	335	N 25 W
2588.0	8.00	10.1	70	N 70 E	100	1.4	335	N 25 W
2590.0	8.00	10.0	73	N 73 E	100	1.4	334	N 26 W
2592.0	8.00	7.9	77	N 77 E	100	1.4	336	N 24 W
2594.0	8.00	10.9	47	N 47 E	100	1.3	334	N 26 W
2596.0	8.00	7.7	49	N 49 E	100	1.3	335	N 25 W
2598.0	8.00	6.8	50	N 50 E	100	1.2	335	N 25 W
2600.0	8.00	6.9	57	N 57 E	100	1.3	334	N 26 W
2602.0	8.00	6.5	33	N 33 E	100	1.3	333	N 27 W
2608.0	8.00	31.3	40	N 40 E	100	1.3	334	N 26 W
2610.0	8.00	37.2	38	N 38 E	100	1.3	334	N 26 W
2612.0	8.00	15.8	2	N 2 E	100	1.3	336	N 24 W
2614.0	8.00	9.5	0	N 0 E	100	1.3	337	N 23 W
2618.0	8.00	8.7	24	N 24 E	100	1.2	338	N 22 W
2620.0	8.00	9.2	27	N 27 E	100	1.2	337	N 23 W
2622.0	8.00	12.3	39	N 39 E	100	1.2	339	N 21 W
2628.0	8.00	40.2	28	N 28 E	61	1.2	337	N 23 W
2632.0	8.00	10.8	55	N 55 E	66	1.2	337	N 23 W
2634.0	8.00	12.1	50	N 50 E	100	1.3	336	N 24 W
2636.0	8.00	18.2	61	N 61 E	100	1.3	333	N 27 W
2638.0	8.00	16.7	58	N 58 E	100	1.3	334	N 26 W
2640.0	8.00	14.5	66	N 66 E	100	1.3	334	N 26 W
2642.0	8.00	15.9	66	N 66 E	100	1.3	332	N 28 W
2644.0	8.00	8.4	51	N 51 E	80	1.3	331	N 29 W
2646.0	8.00	11.5	75	N 75 E	86	1.4	331	N 29 W
2648.0	8.00	8.2	62	N 62 E	94	1.4	329	N 31 W
2650.0	8.00	8.7	66	N 66 E	100	1.3	333	N 27 W
2652.0	8.00	6.5	68	N 68 E	100	1.4	333	N 27 W

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RIST

COLUMBIA

OREGON

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DEPTH	WL	**FORMATION DIP**				***BOREHOLE***		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
2654.0	8.00	8.5	53	N 53 E	100	1.4	333	N 27 W
2656.0	8.00	5.4	68	N 68 E	100	1.3	336	N 24 W
2658.0	8.00	3.0	73	N 73 E	82	1.2	334	N 26 W
2670.0	8.00	43.6	77	N 77 E	50	0.9	329	N 31 W
2672.0	8.00	21.3	12	N 12 E	100	0.9	326	N 34 W
2674.0	8.00	19.7	15	N 15 E	100	0.9	323	N 37 W
2676.0	8.00	17.5	19	N 19 E	100	0.9	326	N 34 W
2678.0	8.00	16.5	31	N 31 E	100	0.9	322	N 38 W
2680.0	8.00	15.1	40	N 40 E	100	1.0	321	N 39 W
2682.0	8.00	14.1	34	N 34 E	100	1.0	323	N 37 W
2684.0	8.00	8.4	44	N 44 E	100	0.9	326	N 34 W
2688.0	8.00	6.4	20	N 20 E	100	1.0	321	N 39 W
2690.0	8.00	6.7	40	N 40 E	100	1.0	324	N 36 W
2692.0	8.00	11.1	41	N 41 E	100	1.0	323	N 37 W
2694.0	8.00	11.6	55	N 55 E	100	1.0	327	N 33 W
2696.0	8.00	11.1	63	N 63 E	100	1.0	327	N 33 W
2698.0	8.00	10.2	70	N 70 E	100	1.0	328	N 32 W
2700.0	8.00	8.1	50	N 50 E	100	1.0	326	N 34 W
2702.0	8.00	8.5	40	N 40 E	100	1.0	327	N 33 W
2704.0	8.00	8.8	42	N 42 E	100	0.9	327	N 33 W
2706.0	8.00	6.1	40	N 40 E	48	0.9	326	N 34 W
2708.0	8.00	7.6	337	N 23 W	100	0.9	325	N 35 W
2712.0	8.00	6.9	356	N 4 W	100	0.9	330	N 30 W
2714.0	8.00	6.5	8	N 8 E	100	0.9	332	N 28 W
2716.0	8.00	6.4	41	N 41 E	100	0.9	330	N 30 W
2718.0	8.00	4.5	37	N 37 E	100	0.8	331	N 29 W
2720.0	8.00	7.1	59	N 59 E	100	0.8	329	N 31 W
2722.0	8.00	11.0	32	N 32 E	89	0.8	329	N 31 W
2724.0	8.00	18.5	35	N 35 E	84	0.9	328	N 32 W
2726.0	8.00	16.6	48	N 48 E	100	0.9	327	N 33 W
2728.0	8.00	18.3	45	N 45 E	100	0.9	328	N 32 W
2730.0	8.00	18.3	36	N 36 E	100	0.8	327	N 33 W
2732.0	8.00	16.5	64	N 64 E	100	0.9	325	N 35 W
2734.0	8.00	16.7	82	N 82 E	97	0.8	326	N 34 W
2736.0	8.00	17.1	73	N 73 E	100	0.8	327	N 33 W
2738.0	8.00	15.3	55	N 55 E	100	0.8	324	N 36 W
2740.0	8.00	8.5	43	N 43 E	100	0.8	322	N 38 W
2742.0	8.00	5.8	44	N 44 E	100	0.7	324	N 36 W
2750.0	8.00	11.6	68	N 68 E	100	0.7	331	N 29 W
2754.0	8.00	16.0	47	N 47 E	100	0.8	342	N 18 W

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DEPTH	WL	**FORMATION DIP**				***BOREHOLE***		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
2756.0	8.00	5.3	37	N 37 E	100	0.8	341	N 19 W
2758.0	8.00	11.2	110	S 76 E	100	0.7	344	N 16 W
2760.0	8.00	5.7	115	S 65 E	100	0.7	347	N 13 W
2762.0	8.00	6.6	74	N 74 E	100	0.7	349	N 11 W
2764.0	8.00	8.7	73	N 73 E	84	0.7	344	N 16 W
2766.0	8.00	6.9	59	N 59 E	100	0.7	343	N 17 W
2768.0	8.00	9.6	359	N 1 W	91	0.7	344	N 16 W
2770.0	8.00	4.6	26	N 26 E	100	0.8	344	N 16 W
2772.0	8.00	6.4	358	N 2 W	100	0.7	346	N 14 W
2774.0	8.00	11.2	11	N 11 E	100	0.6	342	N 18 W
2776.0	8.00	11.2	353	N 7 W	100	0.6	343	N 17 W
2778.0	8.00	11.9	30	N 30 E	100	0.6	343	N 17 W
2780.0	8.00	15.6	40	N 40 E	100	0.6	341	N 19 W
2782.0	8.00	15.7	48	N 48 E	100	0.5	340	N 20 W
2786.0	8.00	35.0	72	N 72 E	100	0.6	339	N 21 W
2788.0	8.00	17.1	44	N 44 E	100	0.6	337	N 23 W
2790.0	8.00	15.2	32	N 32 E	100	0.6	343	N 17 W
2792.0	8.00	14.3	29	N 29 E	100	0.7	348	N 12 W
2794.0	8.00	13.9	45	N 45 E	100	0.6	344	N 16 W
2796.0	8.00	12.1	25	N 25 E	100	0.5	350	N 10 W
2798.0	8.00	12.7	39	N 39 E	100	0.5	346	N 14 W
2800.0	8.00	12.9	41	N 41 E	100	0.5	346	N 14 W
2802.0	8.00	12.4	42	N 42 E	100	0.4	345	N 15 W
2804.0	8.00	15.0	32	N 32 E	100	0.5	343	N 17 W
2806.0	8.00	13.1	43	N 43 E	100	0.5	343	N 17 W
2808.0	8.00	16.5	27	N 27 E	100	0.5	350	N 10 W
2810.0	8.00	17.5	32	N 32 E	100	0.5	349	N 11 W
2812.0	8.00	15.2	66	N 66 E	100	0.5	353	N 7 W
2814.0	8.00	24.8	44	N 44 E	100	0.5	358	N 2 W
2818.0	8.00	30.4	11	N 11 E	100	0.5	356	N 4 W
2820.0	8.00	25.9	18	N 18 E	100	0.5	359	N 1 W
2824.0	8.00	14.4	336	N 24 W	78	0.6	349	N 11 W
2826.0	8.00	16.2	338	N 22 W	92	0.7	351	N 9 W
2828.0	8.00	18.1	343	N 17 W	100	0.7	350	N 10 W
2830.0	8.00	12.1	335	N 25 W	100	0.7	347	N 13 W
2842.0	8.00	26.8	31	N 31 E	100	0.5	342	N 18 W
2844.0	8.00	17.8	56	N 56 E	65	0.6	339	N 21 W
2846.0	8.00	20.6	33	N 33 E	100	0.6	343	N 17 W
2850.0	8.00	12.4	61	N 61 E	100	0.5	344	N 16 W
2852.0	8.00	15.3	47	N 47 E	100	0.5	343	N 17 W

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DEPTH	WL	**FORMATION DIP**				***BOREHOLE***		
		ANG	AZ	BEARING	GRADE	DA	DAZ	BEARING
2854.0	8.00	13.9	60	N 60 E	100	0.5	341	N 19 W
2856.0	8.00	10.9	40	N 40 E	100	0.5	345	N 15 W
2858.0	8.00	13.3	36	N 36 E	100	0.6	348	N 12 W
2860.0	8.00	12.5	34	N 34 E	100	0.5	348	N 12 W
2862.0	8.00	17.1	29	N 29 E	78	0.5	345	N 15 W
2864.0	8.00	15.5	31	N 31 E	100	0.6	338	N 22 W
2866.0	8.00	12.5	32	N 32 E	100	0.5	346	N 14 W
2868.0	8.00	12.0	39	N 39 E	100	0.5	348	N 12 W
2870.0	8.00	13.7	41	N 41 E	100	0.5	346	N 14 W
2872.0	8.00	10.2	44	N 44 E	100	0.5	344	N 16 W
2874.0	8.00	24.1	69	N 69 E	89	0.5	339	N 21 W
2876.0	8.00	17.0	70	N 70 E	100	0.5	340	N 20 W
2878.0	8.00	19.2	50	N 50 E	90	0.6	336	N 24 W
2880.0	8.00	19.3	34	N 34 E	93	0.6	333	N 27 W
2882.0	8.00	15.5	24	N 24 E	100	0.6	324	N 36 W
2884.0	8.00	19.6	32	N 32 E	100	0.6	326	N 34 W
2888.0	8.00	14.1	39	N 39 E	100	0.6	323	N 37 W
2890.0	8.00	20.3	47	N 47 E	100	0.5	324	N 36 W
2896.0	8.00	43.9	37	N 37 E	100	0.6	320	N 40 W
2898.0	8.00	44.1	35	N 35 E	100	0.6	326	N 34 W
2900.0	8.00	27.9	45	N 45 E	100	0.7	324	N 36 W
2902.0	8.00	26.5	41	N 41 E	100	0.7	321	N 39 W
2904.0	8.00	24.1	44	N 44 E	100	0.7	322	N 38 W
2906.0	8.00	18.9	45	N 45 E	100	0.7	322	N 38 W
2910.0	8.00	11.2	45	N 45 E	99	0.7	322	N 38 W
2912.0	8.00	14.6	40	N 40 E	100	0.6	318	N 42 W
2914.0	8.00	13.9	39	N 39 E	100	0.6	312	N 48 W
2916.0	8.00	14.5	36	N 36 E	100	0.6	305	N 55 W
2918.0	8.00	13.1	34	N 34 E	100	0.5	302	N 58 W
2920.0	8.00	14.8	29	N 29 E	100	0.5	299	N 61 W
2922.0	8.00	14.9	25	N 25 E	100	0.5	296	N 64 W
2924.0	8.00	16.0	15	N 15 E	100	0.4	290	N 70 W
2926.0	8.00	20.5	3	N 3 E	100	0.5	291	N 69 W
2928.0	8.00	20.7	358	N 2 W	100	0.5	288	N 72 W
2930.0	8.00	19.3	359	N 1 W	100	0.5	289	N 71 W
2932.0	8.00	20.6	0	N 0 E	100	0.5	289	N 71 W
2934.0	8.00	19.1	11	N 11 E	100	0.5	290	N 70 W
2936.0	8.00	20.6	16	N 16 E	100	0.5	291	N 69 W
2938.0	8.00	18.0	10	N 10 E	100	0.5	294	N 66 W
2940.0	8.00	15.0	9	N 9 E	100	0.4	294	N 66 W

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DEPTH	WL	**FORMATION DIP**				GRADE	****BOREHOLE****		
		ANG	AZ	BEARING	DA		DAZ	BEARING	
2942.0	8.00	14.6	11	N 11 E	100	0.5	302	N 58 W	
2944.0	8.00	15.1	5	N 5 E	100	0.4	304	N 56 W	
2946.0	8.00	15.8	9	N 9 E	100	0.4	306	N 54 W	
2948.0	8.00	19.3	4	N 4 E	100	0.4	300	N 60 W	
2950.0	8.00	18.4	13	N 13 E	100	0.5	296	N 64 W	
2952.0	8.00	18.7	20	N 20 E	100	0.4	297	N 63 W	
2954.0	8.00	14.4	53	N 53 E	100	0.4	292	N 68 W	
2956.0	8.00	12.2	48	N 48 E	100	0.4	284	N 76 W	
2958.0	8.00	11.9	56	N 56 E	100	0.4	287	N 73 W	
2960.0	8.00	10.6	45	N 45 E	100	0.4	282	N 78 W	
2962.0	8.00	8.2	35	N 35 E	100	0.4	277	N 83 W	
2964.0	8.00	6.3	48	N 48 E	100	0.4	273	N 87 W	
2966.0	8.00	5.2	43	N 43 E	100	0.4	270	N 90 W	
2968.0	8.00	6.3	15	N 15 E	98	0.4	273	N 87 W	
2970.0	8.00	6.3	5	N 5 E	100	0.5	272	N 88 W	
2972.0	8.00	7.5	9	N 9 E	100	0.5	282	N 78 W	
2974.0	8.00	9.8	2	N 2 E	100	0.5	289	N 71 W	
2976.0	8.00	32.6	289	N 71 W	83	0.5	292	N 68 W	
2978.0	8.00	33.1	261	S 81 W	100	0.4	293	N 67 W	
2980.0	8.00	29.9	271	N 69 W	55	0.4	296	N 64 W	
2982.0	8.00	31.2	257	S 77 W	70	0.4	297	N 63 W	
2984.0	8.00	23.7	34	N 34 E	100	0.3	299	N 61 W	
2986.0	8.00	12.5	41	N 41 E	100	0.2	283	N 77 W	
2988.0	8.00	12.2	37	N 37 E	100	0.2	266	S 86 W	
2990.0	8.00	34.3	9	N 9 E	100	0.3	260	S 80 W	
2992.0	8.00	36.7	15	N 15 E	100	0.3	255	S 75 W	
2994.0	8.00	36.1	336	N 24 W	98	0.3	250	S 70 W	
2996.0	8.00	35.7	327	N 33 W	97	0.2	233	S 53 W	
3000.0	8.00	25.3	10	N 10 E	100	0.3	217	S 37 W	
3006.0	8.00	19.0	1	N 1 E	32	0.4	195	S 15 W	
3012.0	8.00	20.7	0	N 0 E	65	0.4	199	S 19 W	
3014.0	8.00	35.9	322	N 38 W	100	0.4	194	S 14 W	
3020.0	8.00	15.6	321	N 39 W	100	0.3	188	S 8 W	
3028.0	8.00	24.9	342	N 18 W	100	0.4	211	S 31 W	
3030.0	8.00	26.7	11	N 11 E	100	0.4	208	S 28 W	
3032.0	8.00	24.1	353	N 7 W	92	0.5	203	S 23 W	
3034.0	8.00	18.8	19	N 19 E	75	0.4	204	S 24 W	
3038.0	8.00	24.5	5	N 5 E	100	0.4	195	S 15 W	
3040.0	8.00	25.4	357	N 3 W	100	0.5	190	S 10 W	
3042.0	8.00	18.5	21	N 21 E	100	0.5	183	S 3 W	

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DEPTH	WL	**FORMATION DIP**				GRADE	****BOREHOLE****		
		ANG	AZ	BEARING	DA		DAZ	BEARING	
3044.0	8.00	22.7	22	N 22 E	100	0.5	179	S 1 E	
3046.0	8.00	22.9	14	N 14 E	100	0.6	175	S 5 E	
3048.0	8.00	22.9	1	N 1 E	100	0.6	173	S 7 E	
3050.0	8.00	26.8	7	N 7 E	100	0.6	168	S 12 E	
3052.0	8.00	30.8	23	N 23 E	100	0.6	169	S 11 E	
3054.0	8.00	30.9	15	N 15 E	100	0.7	172	S 8 E	
3056.0	8.00	21.6	348	N 12 W	100	0.7	169	S 11 E	
3058.0	8.00	22.8	6	N 6 E	100	0.8	174	S 6 E	
3060.0	8.00	24.0	2	N 2 E	100	0.8	178	S 2 E	
3062.0	8.00	22.8	343	N 17 W	100	0.8	173	S 7 E	
3064.0	8.00	19.8	335	N 25 W	100	0.9	172	S 8 E	
3066.0	8.00	17.9	355	N 5 W	100	0.9	172	S 8 E	
3068.0	8.00	17.8	3	N 3 E	100	0.9	175	S 5 E	
3070.0	8.00	12.5	50	N 50 E	100	0.9	168	S 12 E	
3072.0	8.00	15.7	58	N 50 E	100	0.8	164	S 16 E	
3074.0	8.00	10.6	28	N 28 E	100	0.7	160	S 20 E	
3076.0	8.00	10.4	22	N 22 E	100	0.7	158	S 22 E	
3078.0	8.00	10.7	21	N 21 E	100	0.7	162	S 18 E	
3080.0	8.00	11.0	26	N 26 E	100	0.7	161	S 19 E	
3082.0	8.00	12.7	34	N 34 E	100	0.8	161	S 19 E	
3084.0	8.00	13.5	38	N 38 E	100	0.8	159	S 21 E	
3086.0	8.00	14.1	50	N 50 E	100	0.8	158	S 22 E	
3088.0	8.00	15.5	47	N 47 E	100	0.8	156	S 24 E	
3090.0	8.00	16.0	7	N 7 E	100	0.9	159	S 21 E	
3092.0	8.00	29.7	356	N 4 W	100	0.9	161	S 19 E	
3094.0	8.00	25.9	358	N 2 W	100	0.9	160	S 20 E	
3096.0	8.00	31.9	352	N 8 W	100	0.9	159	S 21 E	
3098.0	8.00	36.4	359	N 1 W	91	1.0	160	S 20 E	
3100.0	8.00	31.2	346	N 14 W	100	0.9	156	S 24 E	
3102.0	8.00	30.6	32	N 32 E	71	0.9	158	S 22 E	
3104.0	8.00	18.0	9	N 9 E	100	0.9	156	S 24 E	
3106.0	8.00	22.8	5	N 5 E	100	0.9	164	S 16 E	
3108.0	8.00	23.9	1	N 1 E	100	0.9	163	S 17 E	
3110.0	8.00	25.1	4	N 4 E	100	0.9	166	S 14 E	
3114.0	8.00	46.8	87	N 87 E	100	1.1	171	S 9 E	
3116.0	8.00	26.9	80	N 80 E	23	1.1	170	S 10 E	
3120.0	8.00	26.0	95	S 85 E	100	1.2	168	S 12 E	
3122.0	8.00	27.0	75	N 75 E	84	1.2	169	S 11 E	
3124.0	8.00	29.0	310	N 50 W	9	1.3	171	S 9 E	
3126.0	8.00	21.7	340	N 20 W	100	1.3	170	S 10 E	

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DEPTH	WL	**FORMATION DIP**			GRADE	****BOREHOLE****		
		ANG	AZ	BEARING		DA	DAZ	BEARING
3140.0	8.00	28.1	347	N 13 W	100	1.3	171	S 9 E
3142.0	8.00	27.1	345	N 15 W	100	1.3	169	S 11 E
3144.0	8.00	39.0	340	N 20 W	100	1.3	168	S 12 E
3146.0	8.00	33.6	352	N 8 W	100	1.3	164	S 16 E
3150.0	8.00	33.2	346	N 14 W	89	1.4	165	S 15 E
3152.0	8.00	31.7	357	N 3 W	100	1.4	165	S 15 E
3154.0	8.00	29.8	341	N 19 W	100	1.5	164	S 16 E
3156.0	8.00	29.3	353	N 7 W	100	1.6	164	S 16 E
3158.0	8.00	31.3	358	N 2 W	100	1.5	163	S 17 E
3160.0	8.00	31.7	0	N 0 E	100	1.6	163	S 17 E
3162.0	8.00	33.1	1	N 1 E	100	1.6	162	S 18 E
3172.0	8.00	33.8	26	N 26 E	100	1.7	167	S 13 E
3174.0	8.00	42.8	313	N 47 W	100	1.7	167	S 13 E
3178.0	8.00	38.0	297	N 63 W	100	1.7	166	S 14 E
3190.0	8.00	36.4	293	N 67 W	100	1.5	157	S 23 E
3192.0	8.00	47.0	303	N 57 W	100	1.4	158	S 22 E
3194.0	8.00	41.2	340	N 20 W	100	1.5	158	S 22 E
3196.0	8.00	30.2	96	S 84 E	100	1.5	160	S 20 E
3198.0	8.00	25.8	69	N 69 E	100	1.6	159	S 21 E
3200.0	8.00	12.4	41	N 41 E	100	1.8	164	S 16 E
3202.0	8.00	45.0	65	N 65 E	30	1.8	164	S 16 E