CC 43-34-66

ANALYST: D. PATTEN 20-MAR-85 14:29:54

SCHLUMBERGER

HIGH RESOLUTION DIPMETER - CLUSTER LISTING

COMPANY : REICHHOLD ENERGY CORP.

WELL : COLUMBIA CTY. 43-34

FIELD : WIST

COUNTRY : COLUMBIA, OREGON

REFERENCE: PCCC.11049

LOGGED : 18 - MAR - 85

Schlumberger

ANALYST: D. PATTEN 20-MAR-85 14:29:54

SCHLUMBERGER

HIGH RESOLUTION DIPMETER - CLUSTER LISTING

COMPANY : REICHHOLD ENERGY CORP.

WELL : COLUMBIA CTY. 43-34

FIELD : MIST

COUNTRY : COLUMBIA, OREGON

REFERENCE: PCCC.11049

LOGGED : 19 - MAR - 85

COMPANY : REICHHOLD ENERGY CORP. PAGE 1
WELL : COLUMBIA CTY. 43-34

CORRELATION PARAMETERS :

COR. INT. FT	CUR. STEP %	SEARCH ANG DEG	NB OF DIP
4.0	50.0	30.0	2

FILE : 1

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	DEVIAT DEG	BOREHOLE DEVIAT AZIMUTH DEG	BOREHOLE CALIPER 1-3 IN	BOREHOLE CALIPER 2-4 IN	QUALITY INDEX (BEST=A)
1856.00	4.7	173	.6	348	7.7	7.7	A
1858.00	4.8	180	.6	357	7.7	7.7	A
1860.00	3.6	221	.6	2	7.7	7.7	A
1862.00	4.2	208	.6	2	7.7	7.7	A
1864.00	4.2	225	.6	0	7.7	7.7	A
1866.00	7.1	210	.6	358	7.7	7.7	A
1868.00	10.8	205	.6	356	7.7	7.7	A
1870.00	5.5	210	.6	355	7.7	7.7	A
1872.00	6.8	214	.6	354	7.7	7.7	A
1874.00	4.0	244	.6	353	7.7	7.7	A
1876.00	3.7	221	.6	353	7.7	7.6	A
1878.00	18.2	209	.6	356	7.7	7.6	D
1880.00	5.9	171	.6	2	7.7	7.6	D
1882.00	8.5	176	.5	6	7.6	7.6	D
1884.00	45.6	214	.5	7	7.6	7.6	
1886.00	8.3	216	.5	11	7.6	7.6	B
1888.00	6.5	208	.5	13	7.6	7.6	D
1890.00	3.0	250	.6	14	7.4	7.6	D
1892.00	1.4	200	.6	13	7.5	7.6	B
1894.00	46.6	346	.6	11	7.6	7.7	
1896.00	13.9	217	.6	9	7.5	7.7	B
1898.00	59.5	24	.6	7	7.6	7.7	
1900.00			.6	6	7.7	7.7	
1902.00	8.2	170	.6	6	7.7	7.7	A
1904.00	5.1	172	.6	7	7.7	7.7	A
1906.00	3.2	275	.6	6	7.7	7.7	A
1908.00	3.5	272	.6	3	7.7	7.7	A
1910.00	7.1	359	.6	2	7.7	7.7	C
1912.00	6.0	226	.6	1	7.7	7.7	C
1914.00	3.0	266	.7	3	7.7	7.7	A
1916.00	5.5	129	.7	5	7.7	7.7	A
1918.00	3.6	209	.7	5	7.8	7.7	A
1920.00	6.1	203	.7	6	7.8	7.8	A
1922.00	7.4	195	.7	1	7.8	7.7	A
1924.00	6.4	168	.6	357	7.8	7.6	A
1926.00	8.0	245	.6	355	7.7	7.6	A
1928.00	7.6	240	.6	355	7.7	7.6	A
1930.00	6.1	240	.6	358	7.7	7.6	A
1932.00	8.5	237	.6	358	7.7	7.6	A
1934.00	7.2	228	.6	1	7.7	7.6	A
1936.00	8.3	208	.6	2	7.7	7.6	A
1938.00	6.1	200	.6	1	7.8	7.7	A

FILE : 1

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	DEVIAT DEG	BOREHOLE DEVIAT AZIMUTH DEG	BOREHOLE CALIPER 1-3 IN	BOREHOLE CALIPER 2-4 IN	QUALITY INDEX (DEST=A)
1940.00	9.5	215	.7	2	7.6	7.6	A
1942.00	16.4	200	.7	4	7.8	7.6	A
1944.00	5.0	264	.7	9	7.8	7.6	A
1946.00	5.3	255	.7	17	7.8	7.6	A
1948.00	12.4	211	.7	21	7.8	7.6	A
1950.00	9.2	224	.8	17	7.8	7.6	C
1952.00	54.7	271	.9	11	7.8	7.4	
1954.00	34.8	268	.8	10	7.8	7.4	
1956.00	9.8	250	.8	13	7.8	7.6	A
1958.00	53.9	88	.8	18	7.8	7.5	
1960.00	4.3	191	.7	19	7.8	7.5	C
1962.00	4.6	221	.7	14	7.7	7.5	A
1964.00	5.6	221	.7	10	7.7	7.5	A
1966.00	8.4	220	.7	8	7.8	7.5	A
1968.00	7.0	223	.7	10	7.8	7.4	A
1970.00	4.8	215	.7	14	7.9	7.5	A
1972.00	11.7	194	.8	15	7.9	7.8	C
1974.00	9.2	213	.8	11	7.9	7.8	A
1976.00	9.0	225	.8	7	7.9	7.7	A
1978.00	9.8	222	.8	3	7.9	7.6	C
1980.00	3.5	255	.8	360	7.8	7.6	A
1982.00	1.6	306	.8	0	7.8	7.7	A
1984.00	4.2	267	.8	2	7.8	7.7	A
1986.00	8.2	262	.8	360	7.8	7.7	A
1988.00	8.1	248	.8	2	7.8	7.7	A
1990.00	4.5	214	.8	7	7.6	7.6	A
1992.00	11.1	323	.6	11	7.6	7.5	C
1994.00	5.3	279	.8	14	7.7	7.6	A
1996.00	23.9	175	.8	16	7.7	7.6	
1998.00	5.9	245	.8	17	7.7	7.6	A
2000.00	6.8	240	.8	18	7.7	7.6	A
2002.00	6.7	221	.8	19	7.7	7.6	A
2004.00	5.1	220	.6	16	7.8	7.7	A
2006.00	1.3	342	.8	12	7.8	7.6	A
2008.00	3.6	250	.8	11	7.7	7.5	A
2010.00	6.2	270	.8	15	7.7	7.6	A
2012.00	6.0	256	.8	19	7.7	7.6	A
2014.00	9.0	225	.8	20	7.7	7.6	A
2016.00	8.0	211	.8	17	7.7	7.6	A
2018.00	6.2	195	.8	8	7.7	7.5	A
2020.00	4.9	217	.8	1	7.6	7.4	C
2022.00	7.5	203	.8	5	7.5	7.5	C

FILE : 1

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	DEVIAT DEG	BOREHOLE DEVIAT AZIMUTH DEG	BOREHOLE CALIPER 1-3 IN	BOREHOLE CALIPER 2-4 IN	QUALITY INDEX (BEST=A)
2024.00	9.4	221	.5	5	7.4	7.6	A
2026.00	8.9	210	.8	5	7.6	7.6	A
2028.00	8.1	204	.8	3	7.7	7.5	C
2030.00	12.8	179	.8	359	7.7	7.5	C
2032.00	37.6	217	.6	355	7.7	7.6	
2034.00	6.7	236	.8	354	7.7	7.6	A
2036.00	7.7	213	.8	353	7.7	7.7	A
2038.00	10.2	203	.9	351	7.7	7.7	A
2040.00	12.1	205	.9	353	7.6	7.7	A
2042.00	14.2	218	.8	359	7.6	7.7	A
2044.00	13.9	222	.7	10	7.5	7.5	A
2046.00	13.5	215	.7	18	7.5	7.2	A
2048.00	13.5	206	.7	16	7.6	7.2	A
2050.00	15.1	212	.7	12	7.7	7.3	A
2052.00	16.0	211	.7	13	7.6	7.4	A
2054.00	14.1	211	.7	12	7.5	7.4	A
2056.00	13.9	215	.7	10	7.7	7.4	A
2058.00	13.5	214	.8	12	7.8	7.4	A
2060.00	13.0	224	.9	14	7.7	7.3	C
2062.00	14.7	215	.9	15	7.7	7.3	A
2064.00	17.8	195	1.0	10	7.7	7.3	A
2066.00	17.7	188	1.0	7	7.8	7.4	A
2068.00	17.9	203	1.0	2	7.8	7.4	A
2070.00	19.3	203	1.0	357	7.8	7.4	A
2072.00	18.4	201	1.0	354	7.8	7.4	A
2074.00	17.0	198	1.0	349	7.8	7.4	A
2076.00	17.1	198	1.1	348	7.8	7.4	A

FILE : 2

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	DEVIAT DEG	BOREHOLE DEVIAT AZIMUTH DEG	BOREHOLE CALIPER 1-1 IN	BOREHOLE CALIPER 2-1 IN	QUALITY INDEX (BEST=A)
448.00	4.8	296	1.2	312	8.2	8.7	
450.00	6.4	227	1.2	312	7.9	7.9	
452.00	31.6	289	1.2	316	8.0	7.9	
454.00	31.8	312	1.2	316	8.0	7.9	
456.00	31.0	334	1.2	315	8.0	7.9	
458.00	64.3	300	1.3	316	7.8	7.8	
460.00	52.9	84	1.3	317	7.7	7.7	
462.00	3.2	314	1.2	317	7.7	7.5	D
464.00	2.7	265	1.2	315	7.8	7.4	D
466.00	19.7	21	1.2	311	7.9	7.6	
468.00	7.2	148	1.3	305	8.0	7.9	D
470.00	9.3	224	1.3	303	8.0	8.0	D
472.00	3.3	116	1.3	304	8.0	8.0	B
474.00	2.4	119	1.3	305	8.0	8.0	B
476.00	2.8	281	1.3	305	8.0	8.0	D
478.00	2.9	98	1.3	305	8.1	8.0	D
480.00	17.3	190	1.3	305	8.1	8.0	
482.00	30.8	41	1.3	307	8.1	8.0	
484.00	10.5	117	1.3	307	8.0	8.0	D
486.00	13.5	113	1.3	306	8.0	8.0	D
488.00	17.6	260	1.3	305	8.0	7.9	
490.00	26.9	132	1.3	306	8.1	7.9	
492.00	32.6	128	1.3	306	8.1	7.9	
494.00	14.3	268	1.2	305	8.0	8.0	
496.00	25.1	128	1.2	304	8.1	8.0	
498.00	27.1	197	1.3	305	8.1	8.0	
500.00	6.8	138	1.3	306	8.1	8.0	D
502.00	8.7	152	1.3	305	8.1	8.0	C
504.00	8.3	144	1.3	304	8.1	8.0	A
506.00			1.3	303	8.2	8.0	
508.00	32.5	157	1.3	302	8.2	8.0	
510.00	32.2	184	1.3	300	8.1	8.0	
512.00	27.5	178	1.3	299	8.1	8.0	
514.00	9.4	162	1.3	298	8.1	8.0	A
516.00	10.0	178	1.3	297	8.2	8.0	A
518.00	6.6	179	1.3	296	8.2	8.0	A
520.00	4.9	171	1.3	295	8.2	8.0	A
522.00	5.6	173	1.3	295	8.2	7.9	A
524.00	5.5	169	1.3	296	8.2	8.0	A
526.00	8.5	194	1.3	297	8.2	8.0	C
528.00	9.4	195	1.3	299	8.2	7.9	C
530.00	5.0	180	1.3	302	8.2	7.9	D

FILE : 2

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	BOREHOLE DEVIAT DEG	BOREHOLE DEVIAT AZIMUTH DEG	BOREHOLE CALIPER 1-3 IN	BOREHOLE CALIPER 2-4 IN	QUALITY INDEX (BEST=A)
532.00	28.6	187	1.3	302	8.1	7.9	
534.00	32.4	186	1.3	300	8.1	7.9	
536.00	8.4	176	1.3	300	8.2	8.0	D
538.00	9.0	162	1.3	299	8.1	8.0	D
540.00	4.5	169	1.3	298	8.1	8.0	A
542.00	5.6	170	1.3	299	8.1	7.9	A
544.00	5.5	176	1.3	298	8.2	7.9	C
546.00	4.5	174	1.3	295	8.2	7.9	A
548.00	3.5	169	1.3	296	8.2	8.0	C
550.00	7.4	175	1.3	297	8.2	8.0	C
552.00	5.9	177	1.3	298	8.2	8.0	A
554.00	3.9	214	1.3	301	8.1	8.0	C
556.00	3.5	239	1.3	302	8.1	8.0	A
558.00	6.5	129	1.3	299	8.1	8.0	A
560.00	3.0	149	1.3	296	8.1	8.0	D
562.00	2.3	193	1.3	292	8.1	8.0	D
564.00	6.1	163	1.3	291	8.2	8.0	B
566.00	3.3	159	1.3	293	8.2	8.0	D
568.00	19.4	210	1.3	294	8.2	8.0	
570.00	5.1	162	1.3	296	8.1	8.0	B
572.00	5.5	147	1.3	299	8.1	8.0	D
574.00	15.3	104	1.3	299	8.1	8.0	D
576.00	26.0	9	1.3	297	8.1	8.0	
578.00	29.8	178	1.3	298	8.1	8.0	
580.00	23.5	217	1.3	298	8.1	8.0	
582.00	8.4	153	1.2	297	8.1	8.0	B
584.00	5.3	136	1.2	296	8.1	8.0	D
586.00	24.2	352	1.2	295	8.1	8.0	
588.00	5.0	187	1.2	295	8.1	8.0	A
590.00	7.7	145	1.1	295	8.1	7.9	A
592.00	8.1	138	1.1	293	8.1	8.0	A
594.00			1.1	291	8.1	8.0	
596.00	7.9	159	1.1	290	8.1	8.0	C
598.00			1.1	290	8.9	8.0	
600.00	5.2	143	1.0	290	8.0	8.0	A
602.00	5.7	134	1.0	293	8.0	7.9	A
604.00	20.5	253	1.0	295	8.0	7.9	
606.00	4.2	129	1.0	297	8.0	7.9	A
609.00	15.1	177	1.0	299	8.0	7.9	C
610.00	26.8	49	1.0	302	8.0	7.9	
612.00	4.8	159	1.0	306	8.1	7.9	C
614.00	9.3	167	1.0	310	8.1	7.9	A

FILE : 2

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	BOREHOLE DEVIAT DEG	BOREHOLE DEVIAT AZIMUTH DEG	BOREHOLE CALIPER 1-3 IN	BOREHOLE CALIPER 2-4 IN	QUALITY INDEX (BEST=A)
616.00	9.1	166	1.0	310	8.1	7.9	A
618.00	9.3	99	1.0	310	8.1	8.0	C
620.00	5.6	136	1.0	308	8.1	8.0	C
622.00	4.3	117	1.0	309	8.1	7.9	A
624.00	4.7	112	1.0	311	8.1	7.9	A
626.00	4.5	147	1.0	315	8.1	7.9	D
628.00	4.8	152	1.0	315	8.1	7.9	D
630.00	8.0	260	1.0	315	8.1	7.9	D
632.00	4.9	129	1.0	317	8.1	7.9	G
634.00	15.0	216	1.0	319	8.1	7.9	
636.00	15.5	152	1.0	320	8.1	7.9	
638.00	22.1	149	1.0	323	8.1	7.9	
640.00	20.4	204	1.0	325	8.1	7.9	
642.00	13.9	161	1.0	327	8.1	7.9	D
644.00	18.2	297	1.0	330	8.1	7.9	
646.00	22.0	293	1.0	331	8.0	7.9	
648.00	17.0	229	1.0	331	8.0	7.9	
650.00	2.7	112	1.0	334	8.0	7.9	B
652.00	8.9	182	1.0	335	8.0	7.9	B
654.00	7.1	181	1.0	336	8.1	8.0	B
656.00	13.9	162	1.0	335	8.1	8.0	D
658.00	18.5	155	1.0	332	8.1	8.0	D
660.00	16.4	149	1.0	328	8.1	8.0	D
662.00	18.0	151	1.0	326	8.1	7.9	D
664.00	16.6	145	1.0	326	8.1	7.9	D
666.00	4.3	47	1.0	326	8.1	7.9	B
668.00	2.0	351	1.0	324	8.0	7.9	D
670.00	2.3	0	1.0	323	8.0	7.9	D
672.00	23.0	148	1.0	327	7.9	7.8	B
674.00	23.1	149	1.0	329	7.9	7.8	B
676.00	6.8	187	1.0	326	8.0	7.9	A
678.00	9.4	189	1.0	322	8.1	8.0	A
680.00	4.0	98	1.0	321	8.1	8.0	C
682.00	3.1	27	1.0	320	8.0	8.0	A
684.00	3.7	217	1.0	322	8.0	7.9	A
686.00	5.7	213	1.0	327	8.0	7.7	C
688.00	10.4	212	1.0	328	8.1	7.9	A
690.00	2.2	134	1.0	329	8.1	8.0	A
692.00	3.4	50	1.0	330	8.0	8.0	A
694.00	4.8	158	1.0	330	8.0	8.0	A
696.00	9.1	192	1.0	329	8.1	8.0	A
698.00	9.8	178	1.0	329	8.1	8.0	A

FILE : 2

DEPTH	FORMATION DIP	FORMATION DIP AZIMUTH	BOREHOLE DEVIAT	BOREHOLE DEVIAT AZIMUTH	BOREHOLE CALIPER 1-3	BOREHOLE CALIPER 2-4	QUALITY INDEX (BEST=A)
FT	DEG	DEG	DEG	DEG	IN	IN	
700.00	8.2	169	1.0	328	8.1	8.0	A
702.00	7.7	171	1.0	324	8.1	8.0	A
704.00	10.7	179	1.0	323	8.1	7.9	B
706.00	13.3	171	1.0	323	8.0	7.9	D
708.00	13.6	168	1.0	322	8.1	7.9	B
710.00	4.6	122	1.1	321	8.1	7.9	D
712.00	8.4	170	1.0	321	7.9	7.8	D
714.00	3.2	150	1.0	321	7.6	7.8	D
716.00	14.5	177	1.0	317	7.6	7.8	D
718.00	10.5	168	1.0	316	7.7	7.9	B
720.00	10.7	152	1.0	317	8.1	7.9	B
722.00	16.4	273	1.0	312	8.2	7.8	
724.00	10.9	196	1.0	308	8.1	7.9	B
726.00	12.7	204	1.0	307	8.1	7.9	B
728.00	25.7	182	1.0	309	8.1	8.0	
730.00	9.9	3	1.0	310	8.1	8.0	
732.00	60.3	8	1.0	312	8.1	7.9	
734.00	12.0	195	1.0	310	8.1	8.0	D
736.00	12.0	222	1.0	308	8.1	8.0	D
738.00	12.7	214	1.0	305	8.1	8.0	D
740.00	14.4	192	1.1	301	8.1	8.0	D
742.00	6.6	181	1.1	298	8.1	8.0	D
744.00	10.7	223	1.1	298	8.1	7.9	D
746.00	14.6	273	1.1	300	8.0	7.9	
748.00	28.7	257	1.1	300	8.0	7.8	
750.00	54.4	77	1.1	299	7.9	7.9	
752.00	37.2	198	1.1	299	7.9	8.6	
754.00	23.9	248	1.0	298	8.0	8.7	
756.00	23.0	74	1.0	303	8.1	8.2	
758.00	21.8	350	1.0	309	8.0	8.0	
760.00	30.5	24	1.0	310	8.0	8.0	
762.00	36.9	25	1.0	310	8.1	8.1	
764.00	60.2	351	1.0	307	8.1	8.1	
766.00	18.1	196	1.0	304	8.1	8.1	D
768.00	12.1	226	1.0	302	8.1	8.0	B
770.00	8.9	237	1.0	304	8.1	8.0	D
772.00	5.4	231	1.0	305	8.1	8.0	D
774.00	22.3	68	1.0	305	8.1	8.0	
776.00	14.6	57	1.0	304	8.1	7.9	
778.00	46.8	113	1.0	305	8.1	7.9	
780.00	8.8	232	1.0	305	8.1	7.9	B
782.00	18.8	220	1.0	301	8.1	7.8	D

FILE : 2

DEPTH	FORMATION DIP	FORMATION DIP AZIMUTH	BOREHOLE DEVIAT	BOREHOLE DEVIAT AZIMUTH	BOREHOLE CALIPER 1-3	BOREHOLE CALIPER 2-4	QUALITY INDEX (BEST=A)
FT	DEG	DEG	DEG	DEG	IN	IN	
784.00	11.4	201	1.0	296	8.0	7.6*D	
786.00	10.7	162	1.0	295	8.1	7.9*A	
788.00	8.8	162	1.0	296	8.0	8.0*A	
790.00	9.2	162	1.0	295	8.0	7.9*A	
792.00	11.5	171	1.0	294	8.0	8.0*A	
794.00	9.4	163	1.0	295	8.0	8.0*A	
796.00	10.4	148	1.0	296	8.0	8.0*B	
798.00	10.1	149	1.0	296	8.0	8.0*B	
800.00	5.8	179	.9	297	8.1	8.0*B	
802.00	7.1	173	.9	302	8.1	8.0*B	
804.00	8.4	170	.9	309	8.1	8.0*D	
806.00	22.9	318	.9	316	7.9	7.8*D	
808.00	23.3	313	.9	320	7.9	7.8*D	
810.00	25.3	99	1.0	324	8.0	7.9	
812.00	24.4	104	1.0	324	8.1	8.0	
814.00	7.2	106	1.0	326	8.1	8.0*D	
816.00	21.9	272	1.0	329	8.1	8.0	
818.00	18.2	184	1.0	329	8.0	8.0*D	
820.00	29.3	354	1.0	328	8.0	8.0	
822.00	13.2	161	1.0	328	8.1	7.9*B	
824.00	15.1	205	1.0	326	8.1	7.9*D	
826.00	31.7	259	1.0	326	8.0	7.9	
828.00	41.2	242	1.0	325	7.8	7.6	
830.00	18.1	168	1.0	325	7.8	7.9*D	
832.00	12.2	190	1.0	325	8.1	8.0*D	
834.00	16.4	178	1.0	326	8.1	8.0*B	
836.00	2.0	139	1.0	325	8.1	8.0	
838.00	23.8	84	1.0	326	8.1	8.0	
840.00	20.1	84	1.0	327	8.1	8.0	
842.00	13.9	116	1.0	326	8.1	7.9	
844.00	55.3	138	1.0	323	8.1	8.0	
846.00	12.9	71	1.0	319	8.1	8.1	
848.00	10.9	158	1.0	318	8.1	8.1*D	
850.00	55.4	100	1.0	321	8.1	8.0	
852.00	12.1	195	1.0	322	8.1	8.0*D	
854.00	10.3	193	1.0	325	8.1	8.0*B	
856.00	12.1	189	1.0	327	8.1	8.0*D	
858.00	52.0	272	1.0	327	8.1	8.0	
860.00	39.0	265	1.0	326	8.1	8.0*D	
862.00	37.1	264	1.0	326	8.2	8.0*D	
864.00	18.1	116	1.0	327	8.1	8.0	
866.00	16.2	235	1.0	327	8.1	8.0*D	

FILE : 2

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	BOREHOLE DEVIAT DEG	BOREHOLE DEVIAT AZIMUTH DEG	BOREHOLE CALIPER 1-3 IN	BOREHOLE CALIPER 2-4 IN	QUALITY INDEX (BEST=A)
868.00	22.2	244	1.0	328	8.1	8.0*D	
870.00	17.6	243	1.0	325	8.1	8.0*B	
872.00	17.4	232	1.0	319	8.1	8.1*D	
874.00	21.2	212	1.1	319	8.0	8.7*D	
876.00	8.3	78	1.1	322	8.0	8.9	
878.00	12.4	281	1.1	326	8.1	8.6	
880.00	47.0	331	1.1	324	8.1	8.5	
882.00	19.4	16	1.1	328	8.1	8.2*D	
884.00	21.3	335	1.1	326	8.0	8.0	
886.00	30.8	126	1.1	326	8.0	8.2	
888.00	60.7	14	1.1	327	8.0	8.4	
890.00			1.0	326	8.1	8.4	
892.00	17.8	108	1.0	327	8.1	8.1*D	
894.00	22.5	35	1.0	327	8.1	8.1*B	
896.00	19.6	121	1.0	329	8.1	8.2*D	
898.00	7.5	77	1.0	330	8.1	8.1*B	
900.00	14.0	256	1.0	327	8.1	8.0*B	
902.00	5.6	124	1.0	326	8.1	8.0*D	
904.00	7.8	112	1.0	330	8.1	8.1*D	
906.00	10.3	107	1.0	330	8.0	8.2*D	
908.00	1.4	210	1.0	329	8.0	8.3*D	
910.00	45.0	25	1.0	329	8.1	8.4	
912.00	6.8	109	1.0	330	8.0	8.7*D	
914.00	20.3	243	1.0	334	8.0	8.6*D	
916.00	22.3	98	1.0	334	8.0	8.2	
918.00	13.0	115	1.0	331	7.8	7.8*B	
920.00	9.9	116	1.0	333	7.8	7.8*D	
922.00	13.2	191	1.0	336	8.1	8.0*D	
924.00	22.2	197	1.1	337	7.9	7.9*D	
926.00	20.3	188	1.1	340	7.9	7.9*D	
928.00	14.2	201	1.1	342	8.0	8.0*B	
930.00	14.3	204	1.1	340	8.1	8.0*D	
932.00	9.9	205	1.1	334	7.8	8.0*D	
934.00	40.3	150	1.1	333	7.6	7.9	
936.00	20.4	104	1.1	331	7.8	7.9*D	
938.00	27.1	202	1.1	331	7.9	7.8	
940.00	37.3	204	1.1	331	8.1	7.8	
942.00	21.1	355	1.1	331	8.4	8.0	
944.00	46.3	210	1.1	332	8.6	8.0	
946.00	1.6	89	1.1	333	8.5	7.9	
949.00	15.4	193	1.1	331	8.1	7.9	
950.00	50.2	259	1.1	332	7.8	7.9	

FILE : 2

DEPTH	FORMATION DIP	FORMATION AZIMUTH	BOREHOLE DEVIAT	BOREHOLE AZIMUTH	CALIPER 1-3	CALIPER 2-4	QUALITY INDEX (BEST=A)
FT	DEG	DEG	DEG	DEG	IN	IN	
952.00	23.8	139	1.1	331	7.9	8.0	
954.00	32.8	139	1.1	332	8.1	8.0	
956.00	20.1	127	1.1	334	8.1	8.0	
958.00	32.4	249	1.1	334	8.1	8.0	
960.00	28.0	210	1.2	334	8.1	8.0	
962.00	29.4	201	1.2	333	8.2	8.0	
964.00	24.1	228	1.2	332	8.1	8.0	
966.00	9.2	213	1.2	332	8.1	8.0	
968.00	4.3	220	1.2	333	8.1	8.0	
970.00	10.1	257	1.2	331	8.1	8.0	
972.00	26.1	197	1.2	332	8.1	8.0	
974.00	17.7	301	1.2	333	8.1	7.9	
976.00	25.8	335	1.2	332	8.1	8.0	
978.00	8.8	220	1.3	331	8.1	7.9	C
980.00	46.7	148	1.3	329	8.0	7.9	
982.00	24.4	239	1.3	328	8.0	7.7	
984.00	13.7	199	1.3	327	8.0	7.7	A
986.00	15.0	201	1.3	327	8.0	7.7	A
988.00	17.2	197	1.3	327	8.0	7.7	A
990.00	17.4	188	1.3	325	8.0	7.7	A
992.00	15.9	183	1.2	324	8.0	7.7	A
994.00	15.9	213	1.2	323	8.0	7.7	A
996.00	3.5	269	1.2	323	8.0	7.7	
998.00	13.3	193	1.2	325	8.0	7.8	C
1000.00	18.3	235	1.2	325	8.0	7.8	
1002.00	10.2	204	1.1	325	8.0	7.8	A
1004.00	10.9	173	1.2	321	8.0	7.8	A
1006.00	5.7	210	1.2	317	8.0	8.0	A
1008.00	8.3	227	1.2	319	8.0	7.9	A
1010.00	6.3	171	1.2	320	8.0	8.0	A
1012.00	11.6	220	1.2	320	8.0	8.0	C
1014.00	11.5	198	1.2	318	8.0	7.9	A
1016.00	10.1	183	1.2	318	8.0	7.9	A
1018.00	10.4	203	1.2	319	8.0	7.9	A
1020.00	13.7	196	1.2	319	7.9	7.9	A
1022.00	15.2	195	1.2	322	7.9	7.9	A
1024.00	13.2	191	1.2	322	7.9	7.9	A
1026.00	13.7	190	1.2	320	7.9	7.9	A
1028.00	14.6	182	1.2	319	7.9	7.9	A
1030.00	14.3	185	1.2	315	8.0	7.9	C
1032.00	16.6	202	1.2	311	7.9	7.9	A
1034.00	19.2	182	1.2	308	7.8	7.9	B

FILE : 2

DEPTH	FORMATION DIP	FORMATION DIP AZIMUTH	BOREHOLE DEVIAT	BOREHOLE DEVIAT AZIMUTH	BOREHOLE CALIPER 1-3	BOREHOLE CALIPER 2-4	QUALITY INDEX (BEST=A)
FT	DEG	DEG	DEG	DEG	IN	IN	
1036.00	19.1	184	1.3	313	7.9	7.9*B	
1038.00	19.3	187	1.3	310	8.0	7.9*B	
1040.00	45.9	237	1.3	305	8.1	7.9	
1042.00	66.0	90	1.3	308	7.9	7.9	
1044.00	67.9	230	1.2	307	7.9	7.9	
1046.00	9.6	278	1.2	307	8.0	8.0*B	
1048.00	8.7	286	1.2	313	8.0	8.0*B	
1050.00	6.0	294	1.2	317	7.9	7.9*D	
1052.00	51.4	81	1.2	317	7.9	7.9	
1054.00	51.6	36	1.2	317	8.0	7.9	
1056.00	28.0	114	1.2	317	7.9	7.9	
1058.00	24.4	277	1.1	321	7.8	7.9	
1060.00	16.2	214	1.1	324	8.0	8.0*B	
1062.00	56.2	202	1.1	324	7.8	7.7*B	
1064.00	56.0	201	1.1	322	7.7	7.7*B	
1066.00	58.9	193	1.1	320	8.0	8.0*D	
1068.00	14.4	180	1.1	319	8.1	8.0*B	
1070.00	14.0	189	1.2	313	8.1	8.0*B	
1072.00	42.7	185	1.2	307	8.1	8.0	
1074.00	23.3	193	1.2	306	8.1	8.0*D	
1076.00	37.8	327	1.2	306	8.1	8.0	
1078.00	47.3	273	1.3	306	7.9	8.0	
1080.00	20.9	186	1.3	305	7.8	7.9*D	
1082.00	23.0	187	1.3	305	7.8	7.9*D	
1084.00	21.4	181	1.2	305	7.7	7.8*D	
1086.00	65.7	226	1.2	309	7.6	7.6	
1086.00			1.2	314	7.7	7.6	
1090.00	18.6	210	1.1	317	7.9	7.5*D	
1092.00	22.4	190	1.1	317	7.9	7.5*B	
1094.00	23.0	201	1.1	317	7.9	7.7	
1096.00	20.3	205	1.0	318	7.8	7.7	
1098.00	61.3	280	1.0	322	7.7	7.7	
1100.00	50.7	146	1.0	330	7.8	7.7	
1102.00	20.1	228	1.0	337	7.6	7.7*D	
1104.00	38.4	220	1.0	340	7.4	7.7	
1106.00	32.6	231	1.0	345	7.6	7.7	
1108.00	59.7	244	1.0	350	7.9	7.7	
1110.00	17.2	238	1.0	351	7.6	7.6*B	
1112.00	19.0	239	1.0	352	7.2	7.6*B	
1114.00	21.7	228	1.0	353	7.1	7.7*B	
1116.00	24.0	229	1.0	352	7.1	7.7*D	
1118.00	22.5	231	1.1	351	7.2	7.7*D	

FILE : 2

DEPTH	FORMATION DIP	FORMATION DIP AZIMUTH	BOREHOLE DEVIAT	BOREHOLE DEVIAT AZIMUTH	BOREHOLE CALIPER 1-3	BOREHOLE CALIPER 2-4	QUALITY INDEX (BEST=A)
FT	DEG	DEG	DEG	DEG	IN	IN	
1120.00	26.5	239	1.1	349	7.4	7.7*B	
1122.00	23.7	237	1.1	347	7.8	7.8*D	
1124.00	27.0	233	1.1	344	7.9	7.8*D	
1126.00	31.0	225	1.1	341	7.9	7.8*D	
1128.00	31.6	227	1.1	343	7.9	7.7*D	
1130.00	30.2	334	1.2	345	7.9	7.8*	
1132.00	27.0	268	1.2	346	7.9	7.8*	
1134.00	28.2	230	1.2	346	7.9	7.8*B	
1136.00	30.1	215	1.3	346	7.9	7.8*B	
1138.00	20.4	325	1.3	341	7.8	7.6*B	
1140.00	20.8	290	1.3	335	7.8	7.5*B	
1142.00	20.8	278	1.2	333	7.9	7.7*B	
1144.00	33.4	350	1.3	334	7.6	7.6*	
1146.00	65.7	114	1.3	334	7.6	7.6*	
1148.00	27.5	269	1.3	335	7.7	7.7*D	
1150.00	28.2	269	1.3	337	7.5	7.5*D	
1152.00	25.2	289	1.3	339	7.5	7.5*D	
1154.00	22.7	266	1.3	341	7.8	7.8*C	
1156.00	22.4	248	1.3	341	7.9	7.7*C	
1158.00	22.9	258	1.3	340	7.9	7.7*A	
1160.00	19.6	257	1.3	341	7.7	7.7*A	
1162.00	15.0	242	1.3	343	7.8	7.6*C	
1164.00	50.3	151	1.3	343	7.8	7.7*	
1166.00	14.3	251	1.3	342	7.8	7.6*A	
1168.00	20.6	35	1.3	341	7.7	7.6*D	
1170.00	31.3	63	1.3	339	7.7	7.4*	
1172.00	24.5	312	1.3	340	7.7	7.5*	
1174.00	44.0	318	1.2	343	7.8	7.6*	
1176.00	13.1	292	1.2	346	7.8	7.6*	
1178.00	67.1	221	1.2	348	7.8	7.6*	
1180.00	20.7	3	1.1	348	7.7	7.5*D	
1182.00	17.5	356	1.1	345	7.7	7.5*D	
1184.00	15.8	332	1.1	343	7.7	7.6*	
1186.00	19.8	357	1.1	342	7.8	7.6*D	
1188.00	17.2	360	1.1	342	7.9	7.8*D	
1190.00	30.5	218	1.1	342	7.9	7.9*	
1192.00	38.0	262	1.1	343	7.9	7.9*	
1194.00	28.0	307	1.2	344	7.8	7.8*D	
1196.00	24.9	338	1.2	344	8.0	7.9*D	
1198.00	26.3	336	1.2	343	8.1	7.9*D	
1200.00	26.7	320	1.2	340	8.0	7.9*B	
1202.00	35.4	236	1.2	335	8.0	7.8*	

FILE : 2

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	FORMATION DEVIAT DEG	BOREHOLE DEVIAT AZIMUTH DLG	BOREHOLE CALIPER 1-3 IN	BOREHOLE CALIPER 2-4 IN	QUALITY INDEX (BEST=A)
1204.00	27.0	344	1.2	332	8.0	7.9	D
1206.00	41.2	8	1.2	331	8.0	7.9	
1208.00	22.5	350	1.1	331	8.0	7.8	D
1210.00	40.6	326	1.1	330	8.0	7.9	
1212.00	27.6	173	1.2	327	8.0	7.8	
1214.00	17.8	158	1.1	320	8.0	7.8	
1216.00	10.6	174	1.1	317	8.0	7.8	
1218.00	59.4	17	1.1	316	7.7	7.7	
1220.00	68.1	211	1.1	320	7.5	7.6	
1222.00	12.2	144	1.1	326	7.7	7.7	
1224.00	22.9	185	1.2	325	7.9	7.7	
1226.00	40.3	284	1.2	323	7.9	7.7	
1228.00	39.9	221	1.2	321	7.7	7.5	
1230.00	39.9	311	1.2	327	7.8	7.5	
1232.00	42.8	324	1.1	331	7.8	7.6	
1234.00	40.0	343	1.1	331	7.7	7.6	
1236.00	31.9	239	1.1	329	7.7	7.5	D
1238.00	16.5	269	1.1	326	7.4	7.3	D
1240.00	12.9	253	1.1	325	7.5	7.4	D
1242.00	29.3	196	1.1	326	7.7	7.6	
1244.00	11.6	267	1.0	324	7.7	7.6	D
1246.00	24.8	320	1.0	319	7.6	7.5	B
1248.00	21.7	325	1.0	316	7.3	7.3	D
1250.00	59.2	1	1.0	315	7.2	7.2	
1252.00	49.9	148	1.0	315	7.4	7.4	
1254.00	31.2	157	1.0	314	7.3	7.4	
1256.00	31.5	153	1.0	312	7.2	7.4	
1258.00	23.6	190	1.0	311	7.2	7.3	
1260.00	20.7	205	.9	313	7.6	7.5	
1262.00	8.3	289	.9	311	8.0	7.8	D
1264.00	7.1	282	.9	310	8.0	7.9	D
1266.00	21.4	304	.9	309	7.9	7.8	B
1268.00	1.5	18	.9	316	7.9	7.7	B
1270.00	.9	348	1.0	323	8.0	7.7	B
1272.00	1.0	291	1.0	325	8.0	7.8	D
1274.00	3.0	205	1.0	332	7.9	7.9	A
1276.00	4.4	211	1.0	335	7.9	7.9	A
1278.00	5.0	203	1.0	334	8.0	8.0	A
1280.00	5.3	169	1.0	334	8.0	8.0	A
1282.00	8.0	210	1.0	331	8.0	7.9	A
1284.00	9.8	205	1.0	325	8.1	7.9	A
1286.00	8.8	190	1.0	323	8.1	7.9	A

FILE : 2

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	BOREHOLE DEVIAT DEG	BOREHOLE DEVIAT AZIMUTH DEG	BOREHOLE CALIPER 1-3 IN	BOREHOLE CALIPER 2-4 IN	QUALITY INDEX (PEST=A)
1288.00	10.3	172	1.9	322	8.0	7.9	A
1290.00	11.0	168	1.0	321	8.0	7.9	A
1292.00	12.9	189	1.0	319	8.0	7.9	A
1294.00	14.9	196	1.0	318	7.8	7.8	A
1296.00	12.9	187	1.0	319	7.8	7.8	C
1298.00	11.9	138	1.0	320	8.0	7.9	A
1300.00	16.3	169	.9	320	8.0	7.9	C
1302.00	15.9	166	.9	320	8.0	7.9	A
1304.00	16.7	185	.9	319	8.0	7.9	A
1306.00	10.6	168	.9	317	7.9	7.6	A
1308.00	14.4	183	.9	318	7.6	7.3	A
1310.00	14.1	199	.8	323	7.6	7.4	A
1312.00	33.6	321	.8	329	7.7	7.6	
1314.00	32.0	92	.8	333	7.9	7.7	
1316.00	7.9	211	.8	335	8.0	7.7	C
1318.00	12.2	195	.8	339	8.0	7.8	C
1320.00	10.3	195	.8	341	8.0	7.9	A
1322.00	10.0	196	.8	341	8.0	7.9	A
1324.00	20.4	147	.8	340	8.0	7.9	A
1326.00	10.6	211	.8	341	8.0	7.8	A
1328.00	11.6	208	.8	344	8.0	7.8	A
1330.00	10.1	202	.9	346	8.0	7.9	A
1332.00	7.4	203	.9	345	8.0	7.9	A
1334.00	8.5	194	.9	349	8.0	7.9	A
1336.00	8.6	194	.9	352	8.0	7.9	A
1338.00	9.7	202	.9	354	7.9	7.8	A
1340.00	8.9	208	.9	357	7.9	7.7	A
1342.00	7.7	215	.9	0	7.9	7.7	B
1344.00	8.1	152	.9	1	7.8	7.6	D
1346.00	36.6	321	.9	3	7.9	7.7	
1348.00	8.1	216	.9	0	7.9	7.8	B
1350.00	8.3	187	1.0	355	7.6	7.6	D
1352.00			1.0	354	7.5	7.7	
1354.00			1.0	356	7.6	7.8	
1356.00			1.0	355	7.5	7.8	
1358.00	9.8	101	1.0	354	7.7	7.8	B
1360.00	8.6	92	1.0	353	7.7	7.8	B
1362.00	13.7	81	1.0	351	7.6	7.7	D
1364.00	10.5	94	.9	352	7.7	7.6	D
1366.00	27.2	331	.9	352	7.8	7.5	
1368.00	55.0	77	.9	352	7.8	7.5	
1370.00	47.9	301	.9	355	7.8	7.6	

FILE : 2

DEPTH	FORMATION DIP	FORMATION DIP AZIMUTH	BOREHOLE DEVIAT	BOREHOLE DEVIAT AZIMUTH	BOREHOLE CALIPER 1-3	BOREHOLE CALIPER 2-4	QUALITY INDEX (BEST=A)
FT	DEG	DEG	DEG	DEG	IN	IN	
1372.00			.9	355	7.8	7.6	
1374.00	12.0	202	.9	356	7.7	7.5	A
1376.00	12.2	213	.9	357	7.8	7.5	A
1378.00	11.7	208	.9	355	7.8	7.5	A
1380.00	11.5	166	1.0	354	7.8	7.6	A
1382.00	11.6	192	1.0	354	7.7	7.7	A
1384.00	10.2	211	1.0	352	7.8	7.7	A
1386.00	11.3	217	1.0	352	7.8	7.7	
1388.00	20.3	227	1.0	351	7.8	7.7	
1390.00	31.1	190	1.0	349	7.8	7.7	
1392.00	26.7	196	1.0	352	7.8	7.7	
1394.00	59.7	150	1.0	356	7.7	7.7	
1396.00	26.9	356	1.0	357	7.7	7.7	
1398.00			1.0	355	7.6	7.6	
1400.00	59.2	5	1.0	354	7.4	7.4	D
1402.00	13.5	347	1.0	356	7.5	7.3	
1404.00	3.4	156	1.0	355	7.8	7.5	
1406.00	18.1	196	1.0	358	7.8	7.7	C
1408.00	13.6	210	1.0	1	7.7	7.7	A
1410.00	11.4	209	1.0	4	7.7	7.7	A
1412.00	11.5	201	1.0	5	7.7	7.7	C
1414.00	53.9	301	1.0	2	7.7	7.7	
1416.00	46.5	8	1.0	1	7.6	7.4	
1418.00	60.7	259	1.0	360	7.6	7.3	
1420.00	22.6	204	1.0	355	7.8	7.4	C
1422.00	19.2	210	1.0	350	7.8	7.6	C
1424.00	22.1	207	1.0	348	7.8	7.6	C
1426.00	3.7	235	1.0	346	7.8	7.6	C
1428.00	21.4	201	1.0	346	7.8	7.7	C
1430.00	11.0	44	1.0	346	7.8	7.7	
1432.00	13.7	207	1.0	348	7.8	7.7	A
1434.00	16.3	225	1.0	351	7.7	7.6	A
1436.00	8.1	239	1.0	354	7.8	7.6	C
1438.00	6.7	231	1.0	355	7.8	7.7	A
1440.00	4.6	224	1.0	355	7.8	7.6	A
1442.00	44.4	48	.9	355	7.8	7.6	
1444.00	4.7	211	.9	354	7.8	7.6	C
1446.00	6.2	166	.9	350	7.8	7.6	D
1448.00	4.4	176	.9	348	7.8	7.6	D
1450.00	27.9	345	.9	347	7.7	7.5	
1452.00	23.8	28	.9	348	7.4	7.4	
1454.00	19.8	200	.9	351	7.5	7.5	

FILE : 2

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	BOREHOLE DEVIAT DEG	BOREHOLE DEVIAT AZIMUTH DEG	BOREHOLE CALIPER 1-3 IN	BOREHOLE CALIPER 2-4 IN	QUALITY INDEX (BEST=A)
1456.00	7.2	215	1.0	353	7.8	7.6	D
1458.00	7.7	226	1.0	356	7.8	7.6	D
1460.00	8.3	207	1.0	357	7.8	7.6	D
1462.00	7.0	174	1.0	349	7.8	7.5	B
1464.00	24.7	106	1.0	340	7.8	7.5	B
1466.00	25.1	95	1.0	337	7.8	7.6	B
1468.00	27.4	80	1.0	336	7.7	7.5	
1470.00	58.5	34	1.0	337	7.7	7.5	
1472.00			1.0	338	7.8	7.5	
1474.00	30.0	95	1.0	338	7.8	7.5	D
1476.00	30.7	75	1.0	331	7.8	7.5	
1478.00	8.7	207	1.0	331	7.8	7.5	B
1480.00	9.1	212	1.0	336	7.8	7.6	B
1482.00	10.9	213	1.0	339	7.8	7.6	B
1484.00	13.5	211	1.0	337	7.8	7.5	D
1486.00	9.0	195	1.0	332	7.8	7.5	A
1488.00	8.1	192	1.0	332	7.8	7.5	A
1490.00	8.1	192	1.0	335	7.8	7.5	A
1492.00	8.8	194	1.0	336	7.8	7.5	A
1494.00	8.9	190	1.0	335	7.8	7.6	A
1496.00	8.7	201	1.0	334	7.8	7.6	A
1498.00	9.3	202	1.0	333	7.8	7.7	A
1500.00	9.6	204	1.0	333	7.8	7.6	A
1502.00	10.4	197	.9	335	7.8	7.6	A
1504.00	8.6	206	.9	334	7.8	7.6	D
1506.00	4.9	191	.9	332	7.8	7.6	B
1508.00	8.5	184	.9	336	7.8	7.6	B
1510.00	19.2	190	.9	342	7.7	7.6	D
1512.00	53.9	353	.8	344	7.7	7.6	
1514.00	45.7	20	.8	345	7.7	7.7	
1516.00	40.5	187	.8	343	7.6	7.7	
1518.00	19.4	180	.8	339	7.7	7.6	D
1520.00	19.4	169	.8	331	7.7	7.7	D
1522.00	9.7	184	.8	322	7.8	7.7	B
1524.00	9.9	199	.9	319	7.8	7.6	B
1526.00	64.1	232	.9	324	7.7	7.6	
1528.00	69.0	157	.9	332	7.7	7.7	
1530.00	11.1	202	.9	337	7.8	7.7	A
1532.00	9.2	206	.9	336	7.8	7.7	A
1534.00	9.3	210	.9	339	7.7	7.6	A
1536.00	15.2	116	.9	344	7.5	7.3	
1538.00	6.3	206	.9	346	7.5	7.4	A

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DEPTH	FORMATION DIP	FORMATION DIP AZIMUTH	BOREHOLE DEVIAT	BOREHOLE DEVIAT AZIMUTH	BOREHOLE CALIPER 1-3	BOREHOLE CALIPER 2-4	QUALITY INDEX (BEST=A)
FT	DEG	DEG	DEG	DEG	IN	IN	
1540.00	5.6	193	.9	346	7.7	7.4	A
1542.00	4.6	174	.8	344	7.8	7.3	A
1544.00	1.5	231	.8	343	7.7	7.2	C
1546.00	7.8	194	.8	345	7.8	7.4	C
1548.00	4.7	116	.8	349	7.8	7.6	C
1550.00	5.3	142	.8	350	7.8	7.6	C
1552.00	27.5	115	.6	351	7.7	7.5	
1554.00	10.1	161	.7	353	7.8	7.5	A
1556.00	8.5	167	.7	354	7.8	7.6	A
1558.00	4.3	181	.7	355	7.7	7.6	C
1560.00	13.0	203	.7	355	7.7	7.6	A
1562.00	29.6	201	.7	354	7.7	7.6	B
1564.00	16.6	192	.7	352	7.7	7.6	C
1566.00	9.9	176	.8	347	7.7	7.6	C
1568.00	13.3	180	.8	342	7.8	7.6	A
1570.00	7.2	178	.8	340	7.8	7.6	A
1572.00	7.7	199	.8	341	7.9	7.6	A
1574.00	6.0	192	.8	340	7.7	7.6	A
1576.00	4.9	183	.8	342	7.7	7.6	A
1578.00	13.5	201	.8	349	7.7	7.6	C
1580.00	9.2	231	.8	353	7.7	7.6	C
1582.00	5.7	217	.8	356	7.8	7.6	A
1584.00	5.2	215	.8	359	7.8	7.6	A
1586.00	9.9	215	.8	0	7.8	7.6	A
1588.00	10.6	209	.8	359	7.8	7.6	A
1590.00	7.2	199	.8	356	7.8	7.6	A
1592.00	6.7	195	.8	351	7.8	7.6	A
1594.00	6.7	192	.8	346	7.8	7.6	A
1596.00	7.5	182	.8	345	7.7	7.6	A
1598.00	9.3	199	.8	346	7.7	7.6	A
1600.00	9.7	211	.8	349	7.7	7.6	A
1602.00	10.4	216	.8	355	7.7	7.5	A
1604.00	10.6	213	.8	358	7.7	7.5	C
1606.00	5.0	186	.8	358	7.7	7.6	B
1608.00	3.3	125	.7	358	7.7	7.5	D
1610.00	22.0	295	.7	359	7.7	7.5	
1612.00	62.8	336	.7	360	7.7	7.5	
1614.00	15.3	161	.6	2	7.7	7.4	
1616.00	16.5	166	.6	5	7.7	7.5	
1618.00	24.4	228	.6	6	7.7	7.6	
1620.00	16.8	219	.6	9	7.7	7.6	
1622.00	8.5	180	.6	6	7.7	7.6	A

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DEPTH	FORMATION DIP	FORMATION DIP AZIMUTH	BOREHOLE DEVIAT	BOREHOLE DEVIAT AZIMUTH	BOREHOLE CALIPER 1-3	BOREHOLE CALIPER 2-4	QUALITY INDEX (BEST=A)
FT	DEG	DEG	DEG	DEG	IN	IN	
1624.00	10.6	167	.6	1	7.7	7.6	A
1626.00	9.5	191	.6	356	7.7	7.6	A
1628.00	9.3	190	.6	356	7.7	7.6	A
1630.00	14.9	188	.6	356	7.7	7.6	A
1632.00	10.2	117	.6	357	7.7	7.6	A
1634.00	10.6	141	.6	3	7.8	7.6	A
1636.00	11.1	179	.6	10	7.8	7.6	A
1638.00	5.7	173	.6	12	7.8	7.6	A
1640.00			.6	6	7.6	7.6	
1642.00	6.9	144	.5	356	7.3	7.6	C
1644.00	11.5	156	.5	353	7.4	7.5	A
1646.00	9.9	150	.5	1	7.7	7.6	C
1648.00	3.3	156	.5	3	7.7	7.6	A
1650.00	5.8	139	.5	353	7.7	7.6	A
1652.00	7.9	95	.5	350	7.8	7.7	A
1654.00	22.2	21	.5	352	7.8	7.7	
1656.00	27.7	223	.5	354	7.8	7.7	
1658.00	9.5	216	.5	353	7.9	7.7	A
1660.00	9.6	201	.5	346	7.9	7.8	A
1662.00	7.9	195	.5	340	7.9	7.8	A
1664.00	8.5	188	.5	334	7.9	7.8	A
1666.00	9.6	191	.5	329	7.9	7.8	C
1668.00	10.1	212	.5	330	7.9	7.9	A
1670.00	10.5	215	.5	334	7.9	7.8	A
1672.00	12.3	222	.6	341	7.9	7.8	A
1674.00	73.0	212	.5	348	7.9	7.8	
1676.00	12.6	201	.5	347	7.8	7.9	C
1678.00	30.8	183	.5	340	7.8	7.9	
1680.00	12.4	212	.5	332	7.8	7.8	D
1682.00	11.9	211	.5	324	7.9	7.7	B
1684.00	13.8	212	.5	319	7.7	7.6	B
1686.00	15.5	202	.5	321	7.7	7.6	B
1688.00	.8	314	.5	326	7.7	7.6	A
1690.00	5.1	207	.5	329	7.6	7.7	A
1692.00	6.9	198	.5	331	7.6	7.6	A
1694.00	4.9	189	.4	335	7.5	7.6	C
1696.00	45.6	69	.3	341	7.5	7.7	
1698.00	57.3	26	.4	346	7.7	7.7	
1700.00	2.3	249	.3	351	7.8	7.7	C
1702.00	7.6	208	.3	352	7.8	7.7	A
1704.00	4.1	94	.3	358	7.8	7.7	C
1706.00	11.8	196	.3	9	7.7	7.6	A

FILE : 2

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	BOREHOLE DEVIAT DEG	BOREHOLE DEVIAT AZIMUTH DEG	BOREHOLE CALIPER 1-3 IN	BOREHOLE CALIPER 2-4 IN	QUALITY INDEX (BEST=A)
1708.00	9.1	193	.3	17	7.7	7.5	A
1710.00	6.8	192	.3	20	7.8	7.6	A
1712.00	6.5	190	.3	19	7.8	7.7	A
1714.00	19.4	158	.3	19	7.7	7.7	
1716.00	8.1	198	.3	21	7.7	7.7	A
1718.00	8.1	202	.3	26	7.7	7.7	A
1720.00	7.3	195	.3	32	7.7	7.7	A
1722.00			.3	37	7.7	7.6	
1724.00			.4	39	7.7	7.7	
1726.00	7.7	170	.4	40	7.7	7.7	A
1728.00	7.3	164	.4	40	7.6	7.7	A
1730.00	4.8	198	.5	44	7.6	7.7	A
1732.00	9.4	220	.5	34	7.7	7.6	C
1734.00	53.7	228	.5	26	7.7	7.6	
1736.00	10.6	217	.5	26	7.7	7.7	
1738.00	6.4	210	.5	25	7.7	7.7	A
1740.00	5.0	197	.6	20	7.7	7.7	A
1742.00	6.4	200	.6	19	7.6	7.7	A
1744.00	6.7	203	.6	2	7.7	7.7	A
1746.00	7.9	199	.6	356	7.8	7.7	A
1748.00	8.7	191	.6	352	7.8	7.7	A
1750.00	7.4	204	.6	349	7.7	7.7	A
1752.00	3.5	201	.5	352	7.6	7.7	A
1754.00	4.8	206	.5	357	7.7	7.7	A
1756.00	5.1	209	.5	360	7.7	7.7	A
1758.00	5.1	203	.5	5	7.7	7.7	A
1760.00	5.5	202	.5	10	7.7	7.7	A
1762.00	5.2	196	.5	15	7.7	7.6	A
1764.00	4.0	236	.5	15	7.7	7.6	A
1766.00	23.5	67	.5	16	7.7	7.6	
1768.00	9.0	202	.5	11	7.7	7.6	C
1770.00	6.3	120	.5	356	7.7	7.6	C
1772.00	11.1	140	.5	349	7.7	7.7	C
1774.00	5.6	170	.6	337	7.7	7.7	A
1776.00	5.0	173	.6	330	7.7	7.7	B
1778.00	4.9	250	.6	329	7.7	7.7	B
1780.00	6.8	162	.5	329	7.7	7.7	D
1782.00	44.3	349	.5	327	7.7	7.6	
1784.00	14.8	350	.5	327	7.7	7.6	
1786.00	2.8	234	.5	332	7.7	7.6	D
1788.00	4.7	210	.5	338	7.7	7.6	D
1790.00	1.2	253	.5	344	7.8	7.5	B

FILE : 2

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	DEVIAT DEG	DEVIAT AZIMUTH DEG	BOREHOLE CALIPER 1-3 IN	BOREHOLE CALIPER 2-4 IN	QUALITY INDEX (BEST=A)
1792.00	1.3	281	.4	352	7.7	7.5*B	
1794.00	3.6	129	.3	8	7.7	7.6*D	
1796.00	4.6	119	.3	16	7.7	7.6*A	
1798.00	1.6	158	.3	9	7.9	7.5*A	
1800.00	1.1	219	.3	3	7.9	7.1*A	
1802.00	11.1	254	.3	1	7.8	7.4*C	
1804.00	5.5	182	.4	359	7.8	7.5*C	
1806.00	4.9	172	.4	358	7.8	7.6*A	
1808.00	4.7	182	.4	0	7.8	7.6*A	
1810.00	7.9	201	.5	5	7.8	7.6*C	
1812.00	9.6	212	.5	7	7.9	7.6*A	
1814.00	3.0	155	.5	12	7.9	7.7*A	
1816.00	4.6	97	.5	11	7.8	7.6*B	
1818.00	5.0	135	.5	10	7.8	7.6*D	
1820.00	5.3	115	.5	7	7.8	7.6*D	
1822.00	4.8	244	.5	3	7.8	7.6*D	
1824.00	21.5	19	.5	9	7.8	7.5	
1826.00	2.4	85	.5	8	7.8	7.5*D	
1828.00	30.5	269	.5	7	7.8	7.6	
1830.00	2.5	132	.5	1	7.8	7.6*D	
1832.00	2.9	58	.5	2	7.9	7.6*B	
1834.00	32.4	98	.6	10	7.8	7.6	
1836.00	12.1	275	.5	16	7.9	7.6*B	
1838.00	17.5	108	.5	22	7.9	7.6	
1840.00	9.5	315	.6	26	7.9	7.5	
1842.00	38.3	193	.6	26	7.8	7.5	
1844.00	11.0	232	.6	26	7.8	7.6*B	
1846.00	25.1	226	.6	27	7.8	7.6*D	
1848.00	27.6	216	.6	26	7.7	7.6*D	
1850.00	31.0	227	.6	23	7.7	7.6*D	
1852.00	8.8	203	.7	19	7.7	7.6*D	
1854.00	11.9	191	.7	12	7.7	7.6*D	
1856.00	5.1	135	.7	15	7.7	7.6*A	
1858.00	5.1	205	.8	24	7.8	7.6*A	
1860.00	3.6	237	.8	26	7.9	7.6*A	
1862.00	3.6	223	.8	22	7.9	7.6*A	
1864.00	4.0	228	.8	20	7.9	7.6*A	
1866.00	7.4	220	.9	17	7.8	7.6*A	
1868.00	9.5	220	.9	13	7.8	7.5*A	
1870.00	1.1	210	.8	8	7.8	7.5*C	
1872.00	5.0	231	.8	9	7.8	7.6*A	
1874.00	4.4	243	.8	8	7.8	7.5*A	

FILE : 2

DEPTH	FORMATION DIP	FORMATION DIP AZIMUTH	BOREHOLE DEVIAT	BOREHOLE DEVIAT AZIMUTH	BOREHOLE CALIPER 1-3	BOREHOLE CALIPER 2-4	QUALITY INDEX (MEAS=A)
FT	DEG	DEG	DEG	DEG	IN	IN	
1876.00	3.1	268	.3	4	7.8	7.4	A
1878.00	6.3	218	.8	3	7.8	7.4	A
1880.00	6.1	191	.6	3	7.8	7.6	A
1882.00	4.3	107	.8	1	7.8	7.5	C
1884.00	7.7	214	.8	358	7.8	7.5	C
1886.00	7.9	219	.8	356	7.8	7.5	A
1888.00	6.9	207	.6	355	7.8	7.5	C
1890.00	1.0	161	.8	355	7.6	7.5	C
1892.00	11.8	126	.5	351	7.6	7.6	C
1894.00	4.4	181	.6	348	7.8	7.7	C
1896.00	6.8	201	.8	347	7.8	7.7	A
1898.00	15.0	153	.8	347	7.8	7.7	C
1900.00	62.9	351	.8	343	7.8	7.7	
1902.00	5.4	171	.8	339	7.8	7.7	C
1904.00	6.6	125	.8	342	7.7	7.7	C
1906.00	2.0	158	.8	342	7.8	7.7	C
1908.00	3.1	262	.8	339	7.8	7.7	A
1910.00	3.7	259	.8	337	7.8	7.7	A
1912.00	4.1	186	.7	336	7.8	7.7	A
1914.00	1.9	258	.7	333	7.8	7.7	C
1916.00	4.9	85	.7	339	7.8	7.7	A
1918.00	3.7	179	.7	337	7.8	7.7	A
1920.00	6.1	194	.8	344	7.8	7.8	A
1922.00	7.2	186	.8	338	7.8	7.7	A
1924.00	7.7	168	.6	330	7.8	7.5	A
1926.00	8.5	228	.8	332	7.8	7.5	A
1928.00	8.0	231	.8	337	7.7	7.5	A
1930.00	8.2	233	.8	338	7.7	7.6	A
1932.00	7.5	222	.8	337	7.7	7.6	A
1934.00	6.3	217	.8	338	7.7	7.6	A
1936.00	6.9	206	.8	341	7.7	7.6	A
1938.00	5.7	195	.8	343	7.8	7.6	A
1940.00	7.7	212	.8	347	7.8	7.5	A
1942.00	9.9	224	.8	351	7.8	7.5	A
1944.00	4.7	269	.8	356	7.8	7.5	A
1946.00	5.8	252	.8	359	7.8	7.5	A
1948.00	11.3	197	.6	356	7.8	7.5	A
1950.00	8.5	198	.8	343	7.8	7.5	C
1952.00	31.1	263	.8	334	7.7	7.4	
1954.00	10.6	235	.8	335	7.8	7.4	C
1956.00	7.4	239	.8	336	7.8	7.6	A
1958.00	46.7	73	.8	344	7.7	7.6	

FILE : 2

	FORMATION		BOREHOLE				
DEPTH	DIP	DIP AZIMUTH	DEVIAT	DEVIAT AZIMUTH	CALIPER 1-3	CALIPER 2-4	QUALITY INDEX (BEST=A)
FT	DEG	DEG	DEG	DEG	IN	IN	
1960.00	8.6	223	.8	351	7.7	7.6	C
1962.00	4.0	205	.8	347	7.7	7.6	A
1964.00	5.7	199	.8	343	7.7	7.6	A
1966.00	7.6	203	.7	340	7.8	7.5	A
1968.00	7.2	206	.7	344	7.8	7.4	A
1970.00	4.5	213	.6	349	7.8	7.5	A
1972.00	9.4	197	.6	342	7.9	7.8	C
1974.00	7.8	194	.6	332	7.8	7.7	A
1976.00	8.0	202	.6	330	7.8	7.6	A
1978.00	9.0	195	.6	327	7.8	7.5	A
1980.00	2.6	236	.6	322	7.6	7.5	A
1982.00	1.4	295	.7	320	7.8	7.6	A
1984.00	3.9	232	.7	329	7.8	7.6	A
1986.00	7.8	233	.7	334	7.8	7.6	A
1988.00	8.1	227	.7	330	7.8	7.6	A
1990.00	7.3	229	.7	336	7.6	7.5	A
1992.00	12.7	221	.8	343	7.6	7.5	
1994.00	6.3	235	.8	347	7.7	7.5	C
1996.00	5.3	239	.8	349	7.7	7.6	A
1998.00	5.7	230	.8	351	7.7	7.6	A
2000.00	6.8	211	.8	351	7.7	7.6	A
2002.00	4.6	212	.8	351	7.7	7.6	A
2004.00	.2	106	.8	319	7.8	7.6	A
2006.00	2.1	261	.8	340	7.7	7.6	A
2008.00	7.6	216	.8	334	7.7	7.5	A
2010.00	5.5	253	.8	335	7.7	7.6	A
2012.00	5.0	242	.8	336	7.6	7.6	A
2014.00	8.6	218	.8	336	7.6	7.6	A
2016.00	7.5	210	.7	338	7.6	7.6	A
2018.00	23.7	97	.8	337	7.5	7.6	
2020.00	56.2	213	.8	335	7.5	7.5	
2022.00	42.6	225	.8	345	7.5	7.4	
2024.00	10.1	209	.8	355	7.5	7.5	B
2026.00	11.1	189	.8	358	7.5	7.6	D
2028.00	14.2	193	.8	1	7.5	7.6	D
2030.00	4.6	247	.8	356	7.6	7.6	D
2032.00	9.0	207	.8	346	7.7	7.6	D
2034.00	7.5	208	.8	346	7.7	7.5	B
2036.00	7.6	203	.8	349	7.7	7.5	B
2038.00	11.3	198	.8	345	7.7	7.5	D
2040.00	13.5	200	.8	343	7.7	7.5	A
2042.00	13.6	204	.8	343	7.7	7.5	A

FILE : 2

DEPTH FT	FORMATION DIP DEG	FORMATION DIP AZIMUTH DEG	BOREHOLE DEVIAT DEG	BOREHOLE DEVIAT AZIMUTH DEG	BOREHOLE CALIPER 1-3 IN	BOREHOLE CALIPER 2-4 IN	QUALITY INDEX (BEST=A)
2044.00	13.6	206	.8	343	7.7	7.5	A
2046.00	14.0	204	.8	343	7.7	7.5	A
2048.00	14.5	193	.9	341	7.7	7.5	A
2050.00	15.7	192	.6	340	7.7	7.5	A
2052.00	15.4	191	.6	336	7.7	7.5	A
2054.00	14.6	199	.8	330	7.7	7.4	A
2056.00	14.2	211	.9	329	7.7	7.4	A
2058.00	42.6	190	.9	332	7.7	7.5	
2060.00	14.7	217	.9	339	7.7	7.4	A
2062.00	14.1	222	1.0	344	7.7	7.4	A
2064.00	18.9	204	1.0	346	7.7	7.4	A
2066.00	18.0	203	1.0	345	7.6	7.4	A
2068.00	17.1	203	1.0	344	7.5	7.4	A
2070.00	20.1	201	1.0	342	7.5	7.4	A
2072.00	18.6	199	1.0	341	7.3	7.4	A
2071.00	17.7	201	1.0	342	7.2	7.3	A