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COLO. OIL & GAS CONS. COMM.

FORMATION TOPS

<u>Formation</u>	<u>Log Tops</u>	<u>Datum K.B.</u>
Fox Hills	385	4705
Niobrara	5946	-856
Greenhorn	6380	-1290
Bentonite	6606	-1516
"D" Sand	6704	-1614
Huntsman Shale	6720	-1630
"J" Sand	6758	-1668

BIT RECORD

<u>No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>From</u>	<u>To</u>	<u>Feet</u>	<u>Hrs.</u>
1	7 7/8	HTC	OSC3A-J	195	2926	2731	20 3/4
2	7 7/8	Sec.	S-3	2926	4087	1161	10 1/4
3	7 7/8	Sec.	S-3	4087	4858	771	10 3/4
4	7 7/8	Sec.	S-3	4858	5625	767	12 1/2
5	7 7/8	Smith	DT	5625	6220	595	17 1/4
6	7 7/8	HTC	OSC-3	6220	6563	343	18
7	7 7/8	Sec.	M4NG-J	6563	6740	177	15
8	7 7/8	HTC	OD-4	6740	6754	14	2 1/2
9	7 7/8	Christensen	Diamond	6754	6804	50	12 1/2
10	7 7/8	HTC	OD-4	6804	6885	81	13

HOLE DEVIATION

<u>Depth</u>	<u>Deviation</u>
190'	1/2°
2200'	1/2°
2926'	1°
4087'	3/4°
4858'	3/4°
5625'	3/4°
6220'	1°

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CORING TIME (Corrected to E log)

6756-60							15	22	23	24
6760-70	20	16	16	14	15	10	14	10	15	20
6770-80	17	16	15	19	15	10	16	16	17	17
6780-90	12	13	14	9	11	10	9	11	13	16
6790-00	11	12	11	11	11	13	11	11	9	10
6800-06	14	19	15	11	7	7				

CORE DESCRIPTION

Core #1, 6756-6806' (Corrected to E log)
Cut and recovered 50'

- 4' Sh: dk. gy., hd., comp., poker-chip.
- 4' Ss: m. gy., f.g. qtz., hvly. rwkd., sly. frac.
- 10' Sh: dk. gy., hd., comp., poker-chip.
- 3' Ss: m. gy., v.f.-f.g. qtz., tite, well-cmtd., N.S.
- 6' Ss: m. gy., f.g. qtz., hvly. rwkd., tite, N.S.
- 15' Ss: lt. gy., f.g. qtz. s. ang., p.-f. p. & p.; btm. 5' has
g. fluor., v. sly. st., f. cut, f. p. & p.
- 2' Sh: dk. gy., hd., comp., sdy.
- 4' Ss: lt. gy., f.g. qtz., s. ang., tite, appears wet, N.S.

DRILLSTEM TEST

DST #1, 6786-6805'

Open 30", SI 60", Open 60", SI 90". Tool opened with weak blow which increased to strong blow off btm. of bucket in 3 minutes. On final open the blow was strong with gas to the surface in 25 minutes (total 55 minutes). Maximum gas recorded was 12 ounces pressure on 3/8" orifice for a calculated flow of 16,000 CFGPD. Recovered 560' of total fluid; 280' of oil cut mud (30% oil), 120' of oil cut water (10% oil) and 260' water. Nitrate count indicated 50% formation water and 50% filtrate water. IFP (30") 50#, FFP (30") 112#, IFP (60") 124#, FFP (60") 211#, ISIP 1775#, FSIP 1726#, IHP 3585#, FHP 3547#.

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GOLD, OIL & GAS CONS. COMM.

SAMPLE DESCRIPTION

6650-60	Sh: dk. gy. - blk., hd., brt., slty.
60-70	Sh: as above.
70-80	Sh: as above.
80-90	Sh: as above.
90-6700	Sh: as above.
6700-10	Ss: wh., m.g.qtz., s. ang.-s. rdd., tite, qtztc.
10-20	Ss: as above.
20-30	Sh: m.-dk., hd., comp., slty.
30-40	Sh: as above.
40-50	Sh: as above.
50-54	Ss: wh.-lt.gy., s.rdd., m.g.qtz., N.S.
54-6804	Core #1
04-10	Ss: wh.-lt.gy., f.g.qtz., s.ang., tite, N.S.
10-20	Sh: m.gy., sft., slty.
20-30	Sh: as above.
30-40	Sh: as above, sdy.
40-50	Sh: as above.
50-60	Sh: as above.
60-70	Sh: as above.
70-80	Sh: as above.
80-85	Sh: as above.

file