CHARLES SCHMALTZ

CONSULTING GEOLOGIST
WICHITA, KANSAS

GEOLOGIC REPORT LOG

COMPANY: BORE OIL CO
WELL: CHESNEY UNIT #1-26
FIELD: CHESNEY
LOCATION: 1811' FSL, 1862' FEL
SEC. 26 T. 6 S. R. 34 W
COUNTY: SHERMAN
STATE: KANSAS
15-193-20318-00-00
COMMENCED: 11-16-2006
COMPLETED: 11-26-2006
CONTRACTOR: CHEYENNE DRLG. RIG #1
ELEVATION: KB 3100 DF 3098 GL 3089
PRODUCTION: D&A
CASING RECORD: 8 5/8" 24# @ 1276' W/ 510 SXS CMT
DRILL STEM TESTS: 5 TESTS
LOGS RUN: DIL, SDL, DSN
DRILLING TIME: 2800' TO RTD
SAMPLES: 2800' TO RTD
MUD: CHEM - GEL
TOPS: ANHYDRITE 1259 (+721); ANHYDRITE BASE 1276 (+684); TOPEKA 2814 (-854); HEEBNER 3030 (-1070); TORONTO 3048 (-1088); LANSING 3071 (-1111); BKC 3320 (-1360); ARBUCKLE 3389 (-1429); LTD 3408 (-1448); RTD 3410 (-1450)

T 6 S
R 34 W

FORMATION TOPS	SAMPLE TOPS	ELECTRIC LOG TOPS	SUB-SEA DATUM	STRUCTURAL POSITION
ANHYDRITE - TOP	1259	1258	+721	-34
ANHYDRITE - BASE	1276	1275	+684	-71
TOPEKA	2814	2813	-854	-0
HEEBNER	3030	3029	-1070	-216
TORONTO	3048	3047	-1088	-234
LKC B-BKC	3071	3070	-1111	-257
LKC D	3120	3119	-1160	-306
LKC E	3134	3133	-1174	-320
LKC F	3147	3146	-1187	-333
LKC G	3163	3162	-1203	-349
LKC H	3189	3188	-1229	-375
LKC J	3214	3213	-1254	-400
LKC K	3232	3231	-1272	-418
LKC L	3252	3251	-1292	-438
LKC M	3276	3275	-1316	-462
LKC N	3298	3297	-1338	-484
MARMATON	3320	3319	-1360	-506
ARBUCKLE	3389	3388	-1429	-575
LTD	3408	3407	-1448	-594
RTD	3410	3409	-1450	-596

DST	DATE	TIME	OPEN	CLOSE	IFP	FFP	ISIP	FSIP	HOURS	RECOVERY
1	11-21-06	12:55	30	30	510	510	1494	1494	1	30' MUD w/ SHOW OIL
2	11-22-06	12:45	30	30	102	102	1494	1494	1	5' MUD
3	11-23-06	12:45	30	30	102	102	1494	1494	1	20' MUD
4	11-24-06	12:45	30	30	102	102	1494	1494	1	20' MUD
5	11-25-06	12:45	30	30	102	102	1494	1494	1	20' MUD

CASING RECORD	SIZE	WGHT	THRD	SETTING DEPTH	FEET	HOLE SIZE
SURFACE	8 5/8"	24#	STC	1276'	1276'	12 1/4"
PRODUCTION	NONE					

MUD PROPERTIES	DATE	DEPTH	WGHT	VIS	WL	PH	CHLORIDES
	11-16-06	0'	8.4	53	NC	7.0	1000
	11-21-06	1276'	8.9	53	12.0	10.0	2000
	11-26-06	3410'	9.1	53	8.0	10.0	2000

BIT RECORD	SIZE	MAKE	TYPE	IN	OUT	FEET	HOURS	REM
1	12 1/4"	SMITH	F21	0'	1276'	1276'	23 1/2	
2	7 7/8"	SMITH	F21	1276'	3410'	2134'	54	

DEVIATIONS	DEPTH	DEGREE
	1276'	1 1/4°
	3410'	1 1/4°

PIPE TALLIES: 3410' - 83 JTS - 3395.15' - 5.30 SHOE
3395.15' - 1 JT - 31.45' - 3363.70' - 1.25 CSG HGR
3363.70' - 3363.70' - 0.00' - 3363.70' - 3363.70' - 0.00' - 3363.70' - 3363.70' - 0.00' -