

CHARLES SCHMALTZ
CONSULTING GEOLOGIST
WICHITA, KANSAS

GEOLOGIC REPORT
LOC

COMPANY: **MURFIN DRILLING CO.**
WELL: **SOWERS #1-19**
LOCATION: **330 FSL, 1000 FEL**

PRODUCTION:
ELATION: **317W**
ELEVATION: **3170**
DEPTH: **3100**
DIP: **3100**

LOG: **CHEYENNE**
STATE: **KANSAS**
CORNER: **MORGAN MUD LIME**
SURVEY: **NO. 3170**
SECTION: **3170**
TOWNSHIP: **3170**
RANGE: **3170**
COUNTY: **3170**

FORMATION	SPURF TOP	ELECTRIC LOG PER	SUB-SEA POSITION	STRUCTURAL POSITION
ANHYDRITE - TOP	3151	3151	459	413
ANHYDRITE - BASE	3185	3186	470	414
NEVA	3629	3610	-400	410
RED EAGLE	3726	3615	-465	410
FORAKER	3776	3721	-511	414
TOPEKA	3945	3947	-731	417
OREAD	4086	4082	-872	413
LANSING	4161	4160	-950	410
STARK	4385	4381	-1171	410
PAWNEE	4494	4498	-1278	415
BKLC	4564	4559	-1340	415
CHEROKEE	4649	4647	-1437	417
TOTAL DEPTH			4772	

LOG NO.	DEPTH	FORMATION	LOG TYPE	LOG DATE	LOG TIME	LOG LOCATION	LOG COMMENTS
1	12 1/4	HTC	DP-906	3/27	3:08	42 1/2	
2	17 3/8	HTC	DP-906	3/27	3:08	42 1/2	
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