

LOG

COMPANY: EMPIRE DRILLING COMPANY
 CONTRACTOR: EMPIRE DRILLING COMPANY
 FARM: MINIMUM # 3
 LOCATION: NE NW NW OF SECTION 1-9S-25W, GRAHAM COUNTY, KANSAS
 COMMENCEMENT: FEBRUARY 16, 1962
 COMPLETION: FEBRUARY 26, 1962
 ELEVATION: 2513 KC

0	TO	1770	SHALE
1770	TO	1970	SAND
1970	TO	2180	SHALE-RED BED
2180	TO	2212	SHALE
2212	TO	2252	ANHYDRITE
2252	TO	2260	SHALE
2260	TO	2550	SHALE-SHELLS
2550	TO	2680	SHALE
2680	TO	2930	SHALE-SHELLS
2930	TO	3290	SHALE-LIME
3290	TO	3354	LIME
3354	TO	3800	LIME-SHOLE
3800	TO	3850	LIME-CHERT-SHALE
3850	TO	4010	LIME
4010	TO	4045	LIME-SHALE
4045			ROTARY TOTAL DEPTH

SET: 149' OF 8 5/8" CASING WITH 75 SACKS CEMENT.
 4044' OF 5 1/2" CASING WITH 100 SACKS CEMENT.

ELECTRIC LOG TOPS:

HEEBNER	3785	-1272
TORONTO	3811	-1298
LANSING	3826	-1313
ZONE 2	3857	-1344
ZONE 2A	3871	-1358
ZONE 3	3893	-1380
ZONE 4	3899	-1386
ZONE 6	3963	-1454
ZONE 6A	3986	-1473
ZONE 7	4002	-1489
ZONE 8	4024	-1511
ZONE 9	4036	-1523
LOG TOTAL DEPTH	4043	