RUPE, STEPHENSON, ASH & BROOKS

GEOLOGICAL REPORT — YOUNGER #1

Location: Approximately 150' N & 95' E of SE NW NE, Section 8-14S-20W, Ellis County, Kansas

Elevations: +2205 K. B.
+2203 D. F.
+2200 G. L.

Spud Date: March 19, 1971

Completed Date: March 26, 1971

Casing Record: 239' of 8 5/8" with 160 sx.

Formation:	Sample	Sub-sea
Anhydrite	1512	+ 693
Base/Anhydrite	1555	+ 650
Topeka	3222	-1017
Heebner	3463	-1258
Toronto	3483	-1278
Lansing	3502	-1297
Base/Kansas City	3748	-1543
Marmaton	3800	-1595
Reagan Sand	3845	-1640
Total Depth	3847 1/2	-1642 1/2

SAMPLE DESCRIPTION: See Attached Drill Time Log.

Drill Stem Tests:

Drill Stem Test #1, Lansing-Kansas City (3676-3712)
30"-30"-30"-30"; very weak blow - dead in 22"; IBHP 67#; FBHP 45#; IFP 15#; FFP 22#; recovered 15' mud with a few specks of oil; temperature 108 degrees.

Drill Stem Test #2, Reagan Sand (3817 1/2-3847 1/2)
30"-30"-30"-30"; weak blow through out test (1"); IBHP 1006#; FBHP 805#; IFP 30#; FFP 45#; recovered 50' muddy water (salty) with a few specks of oil; temperature 110 degrees.

Remarks and Recommendations

Because of the lack of good shows, the negative results of drill stem tests and the low structural position this test was recommended to be plugged and abandoned.