

OPERATOR: Moble C. Hoover
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: Rupp "B" #1
 LOCATION: C SW NW Section 33-16S-25W
 Ness County, Kansas
 SPUD DATE: December 10, 1977
 COMPLETION DATE: December 19, 1977

0	40	Clay, sand & rock
40	1013	Sand & shale
1013	1300	Shale & sand
1300	1390	Shale
1390	1630	Sand
1630	1916	Shale
1916	1956	Anhydrite
1956	2353	Shale
2353	3712	Shale & lime
3712	4101	Lime
4101	4251	Shale & lime
4251	4369	Lime
4369	4431	Shale & lime
4431	4548	Lime
	4548	Rotary Total Depth

Spud hole at 12:15 p.m., December 10, 1977. Drilled 265' of 12 $\frac{1}{4}$ " hole, ran 6 joints of 8-5/8", 28#, surface casing. Set at 259.06' K.B. with 175 sacks common cement, 2% gel, 3% CaCl. Cement did circulate. Plug was down at 5:45 p.m., December 10, 1977.

T.D. 4548'. Set 1st plug at 720' with 70 sacks, 2nd plug at 240' with 20 sacks, 40' solid bridge with 10 sacks. Cemented with 50/50 posmix, 6% gel. Plug was down at 2:15 a.m., December 19, 1977. State Plugger - Leo Massey.

SAMPLE TOPS:

Anhydrite 1916' (+657)
 B/Anhydrite 1956' (+617)

STATE OF KANSAS)
) ss
 COUNTY OF SEDGWICK)

Jack L. Partridge, Assistant Secretary-Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the Rupp "B" #1, C SW NW Section 33-16S-25W, Ness County, Kansas.