



# RUPE OIL COMPANY, INC.

P.O. BOX 2273 · 434 OHIO, WICHITA, KANSAS 67201 · (316)262-3748

## GEOLOGICAL REPORT

Rupe Oil Company, Inc.  
#1 Schepmann  
SE NW NW Section 27-17S-10W  
Ellsworth County, Kansas

June 29, 1981

Elevation: 1836 GL (L&S)  
1841 KB

Geologist: William G. Clement  
Commenced: June 13, 1981  
Completed: June 29, 1981  
Contractor: ROCO Drilling, Inc.  
Casing Record: New 20# 8-5/8" set at 285' w/180 sx. Poz-mix, 3% Ca Cl.  
New 14# 5½" set at 3333' w/150 sx. 50-50 Poz-mix, 18% salt.  
Hole Size: 7-7/8"  
Samples: 30' from 1400' to 2300'; 10' from 2311' to 2800'; 5' from  
2800' to RTD.  
Drill Time: 1' from 1400' to RTD  
Electric Log: None  
Drill Stem Tests: Three - See Significant Shows  
Total Depth 3340'

### FORMATION TOPS AND SIGNIFICANT SHOWS

(All measurements from Kelly Bushing)

#### Drill Time

Heebner	2868 - 1027
Lansing	2997 - 1156
Base Kansas City	3241 - 1400
Arbuckle	3321 - 1480
Total Depth	3340 - 1499

*Handwritten notes:*  
measured to top  
of base  
4/26/81

Arbuckle  
3327-28'

Dolomite, tan, f. xtln., slight stain & f. odor.

DRILL STEM TEST  
#1

3282-3328'

Times: 30-30-30-30 - Weak blow, flushed tool on 2nd opening, Recovered 45' mud. ISIP 808#; IFP 17-17#; FFP 17-17#; FSIP 873#.

Arbuckle  
3328-40'

Dolomite, tan, f. xtln., slight stain & f. odor. Dolomite, tan-brown, stain, f. oil in vugs & good odor.

DRILL STEM TEST  
#2

3328-40'

Misrun - Tool plugged.

DRILL STEM TEST  
#3

3327-40'

Times: 30-45-45-60 - Weak blow increased to fair, Recovered 210' very muddy, gassy oil. ISIP 1083#, IFP 65-116#; FSIP 105#.

#### DISCUSSION

Subject well ran five feet low to #1 Schepmann in SW NW Section 27-17S-10W on the Lansing top, but was two feet high on the Arbuckle. The #1 Schepmann tested water with oil four feet in the Arbuckle where subject well was tight.

#### RECOMMENDATIONS

It is recommended that pipe be set eight feet off bottom and an open-hole completion be attempted.

Respectfully submitted,

RUPE OIL COMPANY, INC.

  
William G. Clement  
Petroleum Geologist

WGC:maf