

HAVE LOG

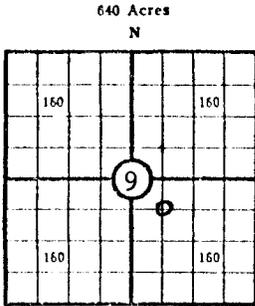
KANSAS CORPORATION COMMISSION

Have log

WELL RECORD

9-31-18W

(Mail to Kansas Geological Survey, 4150 Monroe Street, Wichita, Kansas 67209)



Lease Name: Uhl Well No. 2-9  
 Well Located: Comanche County, Kansas  
C NW/4 SE/4; SEC 9 TWP 31S RGE 18W  
 Operator: Graham-Michaelis Corporation  
 Address: 211 North Broadway, Wichita, Kansas 67202  
 Elevation: Ground 2115' D.F.            K.B. 2120'  
 Type Well: (Oil, gas, dry hole) Dry Hole

Drilling Commenced: Dec. 26, 19 71 Drilling Completed: Jan. 7, 1972  
 Well Completed:                   19 Total Depth 5130'  
 Initial Production:                   none

Casing Record

Size: 8 5/8" Set at 578' Size:            Set at             
 Size:            Set at            Size:            Set at           

Liner Record

Size:            Set from            To           

Cementing

<u>Casing Size</u>	<u>Sacks</u>	<u>Type Cement and Additives</u>
<u>8 5/8"</u>	<u>400</u>	<u>(250 sx common 6% gel, 2% cc., + 150 sx common 3% cc)</u>
<u>          </u>	<u>          </u>	<u>          </u>
<u>          </u>	<u>          </u>	<u>          </u>

Perforations

<u>Formation</u>	<u>Perforated Interval and Number Shots</u>
<u>none</u>	<u>none</u>
<u>          </u>	<u>          </u>
<u>          </u>	<u>          </u>
<u>          </u>	<u>          </u>

Electric Log Run (Show type log and depths covered)

Schlumberger Dual Induction-Laterolog - depths 580' to 5125'  
Schlumberger Compensated Formation Density Log w/Gamma Ray - depths 4000' to 5125'

9-31-18W

Show Drill Stem Tests,  
Well Stimulation and  
Production Tests

9-31-18w

Formation                      Top                      Bottom

Sand	0	100'
Shale & Sand	100	250'
Red Bed	250	370'
Shale & Shells	370	1775'
Shale & Lime	1775	2412'
Lime & Shale	2412	2458'
Lime	2458	5131'

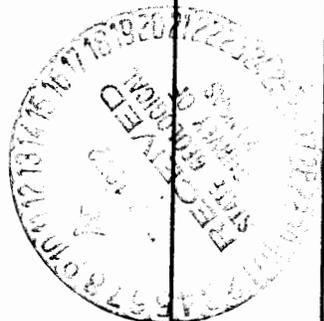
R.T.D. 5131'

Drill Stem Test #1  
5000' to 6060'

Open: 90 minutes.  
Recovery: 65' drilling mud  
ISIP: 93# in 45 minutes  
FP: (56-61)  
FSIP: 79# in 45 minutes

Drill Stem Test #2  
5060-5090'

Open: 90 minutes  
Recovery: 485' muddy water  
ISIP: 1638# in 45 minutes  
FP: (59-268)  
FSIP: 1511# in 45 minutes



( LOG TOPS                      DEPTH

BR LM	4378
LKC	4398
MARM	4874
CHER	4972
MISS	5024
RTD	5130