

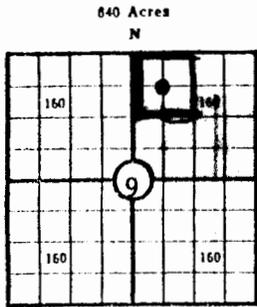
KANSAS CORPORATION COMMISSION

WELL RECORD

9-31-18W

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

API # 15-033-20, 121



Locate well correctly

Lease Name: _____ Uhl _____ Well No. 3-9 h
 Well Located: C NW/4 NE/4: 9-31S-18W, Comanche County,
Kansas SEC _____ TWP _____ RGE _____
 Operator: Graham-Michaelis Corporation
 Address: 211 North Broadway, Wichita, Kansas 67202
 Elevation: Ground 2120' D.F. --- K.B. 2128'
 Type Well: (Oil, gas, dry hole) OIL

Drilling Commenced: May 16, 1972 Drilling Completed: May 27, 1972
 Well Completed: June 6, 1972 Total Depth 5120' RTD
 Initial Production: 72 bbls oil per day

Casing Record

Size: 8 5/8" Set at 652' Size: _____ Set at _____
 Size: 4 1/2" Set at 5119' Size: _____ Set at _____

Liner Record

Size: none Set from _____ To _____

Cementing

Casing Size	Sacks	Type Cement and Additives
<u>8 5/8"</u>	<u>400</u>	<u>250 sx Halliburton Light Weight + 150 sacks common 3% cc</u>
<u>4 1/2"</u>	<u>150</u>	<u>1/2 of 1% CER2</u>

Perforations

Formation	Perforated Interval and Number Shots
<u>Mississippi</u>	<u>4 holes per ft. from 5021-5028'</u>
_____	_____
_____	_____

Electric Log Run (Show type log and depths covered)

Schlumberger Dual Induction-Laterolog from 653' to 5119'
Schlumberger Compensated Formation Density Log from 4200 to 5119'

9-31-18W

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Show Drill Stem Tests,
Well Stimulation and
Production Tests

Formation	Top	Bottom
Sand	200	652
Red Bed	652	1475
Rock & Shale	1475	1690
Shale	1690	2300
Shale & Lime	2300	2496
Shale	2496	4371
Lime & Shale	4371	4425'
Lime	4425	4710
Lime & Mississippian	4710	5017
Mississippian	5017	5030
Lime & Mississippian	5030	5120
Lime & Mississippian-5120		R.T.D.

DRILL STEM TEST #1 (Straddle Test).
5020-5055'

Open: 60" - strong blow and gas to surface in 8 min. gg 19 mcf.
Recovery: 300' free oil.
660' heavy gas cut muddy oil.
60' water (chlorides 65,000 ppm)
(mud in pits 41,000 ppm)
ISIP: 1486#/45 min.
FP: (140-278)
FSIP: 1440#/45 min.

Treated with 500 gals mud acid.

Oil produced swabbing and flowing June 1, 1972
72 bbls oil per day.



LOG TOPS

LANS	4390
MISS	5016
RTD	5120