

State Geological Survey  
WICHITA BRANCH  
JUL 8 0 RECD  
CONFIDENTIAL

P1

KANSAS DRILLERS LOG

API No. 15 — 151 — 20,659  
County Number

Operator  
Rupe Oil Company, Inc. *released 7/16/81*

Address  
434 Ohio, P. O. Box 2273, Wichita, Kansas 67201

Well No. 1 Lease Name Mott

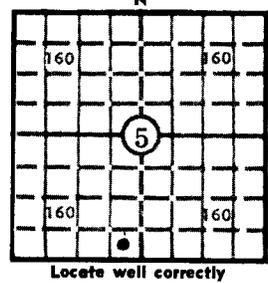
Footage Location  
330 feet from ~~XX~~ (S) line 2310 feet from ~~XX~~ (W) line

Principal Contractor Union Drilling Co., Inc. Geologist William G. Clement/Chas. M. Kuhl

Spud Date November 1, 1979 Total Depth 4535' P.B.T.D. 4462'

Date Completed November 17, 1979 Oil Purchaser Koch Oil Company

S. 5 T. 27S R. 13 E  
SE SE SW  
County Pratt  
640 Acres  
N



Elev.: Gr. 1972'  
DF KB 1979

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface		10 3/4"		369'	Common	300	2% Gel, 3% Calcium Chloride
Production		4 1/2"	9.5#	4504'	50-50 Pozmix	200	Salt with 1% CER 2 1/2% sx 10% MSA Flocele 2% KCl

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			2	DP	4025-29
Size	Setting depth	Packer set at			
2-3/8"	4077'	None			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
None	

INITIAL PRODUCTION

Date of first production 12-8-79	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 4 bbls. Gas MCF 10 bbls. Water Gas-oil ratio --- CFPB
Disposition of gas (vented, used on lease or sold) None	Producing interval(s) 4025-29

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator **Rupe Oil Company, Inc.** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **oil**

Well No. **1** Lease Name **Mott**

S 5 T 27S R 13 <sup>K</sup>/<sub>W</sub>

**WELL LOG**  
 Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<u>DST #1 - 3944' - 84'</u> (34-30-30-10) No blow, recovered 200' mud, 100' salt water. ISIP 1299# IFP 51-155#; FFP 124-207#, FSIP 1247#				
<u>DST #2 - 4006' - 48'</u> (45-45-35-60) Gas to surface in 15 min; 12.7 thousand, decreased to 10 thousand; Sec. Opening 4 thousand. Recovered 990' fluid; 30' gas cut mud; 30' gassy oil cut mud; 60' highly oil cut mud; 30' mud cut oil; 240' clean gassy oil; 180' slightly oil & mud cut gassy water; 180' gassy water, 240' water. ISIP 1216#; IFP 124-310#; FFP 362-475#; FSIP 1216#; 1200.				
<u>DST #3 - 4243' - 88'</u> (30-45-60-60) Gas to surface in 30"; Gauged 13 MCF in 35"; in 60" gauged 19 MCF; recovered 120' gas cut mud. ISIP 1366#; IF 53-79#; FF 53-79#; FSIP 1392#				
<u>DST #4 - 4355' - 4405'</u> (25-45-45-72) Strong blow; recovered 1850' gas cut water. ISIP 1297#; IF 100-456#; FF 456-889#; FSIP 1297#				
<u>DST #5 - 4408' - 17'</u> (30-45-45-60) Recovered 5' mud; ISIP 32#; IF 21#; FF 21# FSIP 32#				
			Heebner	3674'
			Brown Lime	3818
			Bse. Kansas City	4171
			Mississippi	4269
			Simpson Sh.	4401
			Simpson Sd.	4414
			Arbuckle	4517

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	Rupe Oil Company, Inc.
	<i>William G. Clement</i> Signature
	William G. Clement/Chas. M. Kuhl Petroleum Geologists
	December 1, 1979 Date

5-27-13W  
*Jill*

★ CONTRACTOR'S WELL LOG

OPERATOR:  
CONTRACTOR:  
WELL NAME & NUMBER:  
LOCATION:

Rupe Oil Co., Inc.  
Union Drilling Co., Inc.  
#1 Mott  
SE SE SW Section 5-27S-13W  
Pratt County, Kansas  
October 31, 1979  
November 17, 1979

COMMENCED:  
COMPLETED:

0	1133	Sand, red bed and shale	Set 10-3/4" @ 369' w/300 sx.
1133	1880	Shale	
1880	2875	Lime and shale	
2875	2908	Shale	
2908	3118	Lime and shale	
3118	3228	Shale	
3228	3325	Lime and shale	
3325	3412	Shale	
3412	3593	Lime and shale	
3593	3678	Shale	
3678	3757	Lime and shale	
3757	3850	Shale	
3850	4379	Lime and shale	
4379	4405	Lime and chert	
4405	4535	Lime and shale	
	4535	T. D.	

State Geological Survey  
WICHITA BRANCH

We certify that the above and foregoing is a true and correct copy of the log on the #1 Mott, SE SW Section 5-27S-13W, Pratt County, Kansas.

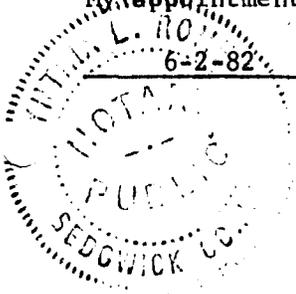
UNION DRILLING CO., INC.

*R. D. Messinger*  
R. D. Messinger

STATE OF KANSAS )  
                          )  
                          ) SS  
COUNTY OF SEDGWICK)

Subscribed and sworn to before me, a Notary Public, in and for the afore said County and State as of this 19th day of November, 1979

My appointment expires:



*Cynthia L. Romey*  
Cynthia L. Romey-Notary Public