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KCC WICHITA

API #15-095-30113-00-00

WELL RECORD

MACK OIL COMPANY

#1 MEADE

C NE NW SECTION 35-27S-7W

KINGMAN COUNTY, KANSAS

ELEVATION: 1573' K. B., Zero Point 9' above top of surface pipe

DRILLING COMMENCED:	.	.	.	.	.	.	.	.	9-15-65
SURFACE CASING:	.	.	.	.	.	.	.	.	9-15-65
DRILLING COMPLETED:	.	.	.	.	.	.	.	.	9-27-65
ELECTRIC LOGS RUN:	.	.	.	.	.	.	.	.	9-27-65
TOTAL DEPTH, ROTARY:	.	.	.	.	.	.	.	.	4279'
TOTAL DEPTH, SCHLUMBERGER:	.	.	.	.	.	.	.	.	4279'

GEOLOGICAL TOPS: (Corrected to Schlumberger)

Heebner	2932'	(-1359)
Lansing	3189'	(-1616)
Mississippi	3902'	(-2329)
Mississippi Lm	3989'	(-2416)
Kinderhook	4141'	(-2568)
Viola	4246'	(-2673)
Simpson Sand	4257'	(-2684)

WELL SITE GEOLOGIST: J. A. MARONDE

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DRILL STEM TEST REPORTS	.	.	.	.	.	.	.	.	ATTACHED
AFFIDAVIT TO ESTABLISH TEMPORARY PRODUCTIVITY	.	.	.	.	.	.	.	.	PAGE 4

(\*NOTE: Well Completion information will be sent as soon as available)

MACK OIL COMPANY  
Duncan, Oklahoma

DRILLERS WELL LOG

#1 Meade

Commenced R. D.: 9-15-65  
Completed R. D.: 9-27-65  
Total Depth: 4279'

C NE NW Section 35-27S-7W  
Kingman County, Kansas  
Elevation: 1573' Kelly Bushing  
Initial Production:  
Contractor: Mack Oil Company

STRATA	DEPTH
Hard Sand	0 - 200'
Shale & Shells	200 - 272
Shale	272 - 985
Anhydrite	985 - 1015
Shale	1015 - 1360
Lime	1360 - 1605
Lime & Shale	1605 - 2135
Shale	2135 - 2685
Lime & Shale	2685 - 2800
Shale & Shells	2800 - 3092
Lime & Shale	3092 - 3358
Lime	3358 - 3510
Lime & Shale	3510 - 3550
Lime	3550 - 3800
Shale & Shells	3800 - 3895
Lime	3895 - 3925
Chert & Lime	3925 - 4003
Cherty Lime	4003 - 4015
Chert, Lime & Shale	4015 - 4050
Chert & Lime	4050 - 4100
Lime & Chert	4100 - 4129
Shale & Lime	4129 - 4200
Lime & Shale	4200 - 4251
Lime	4251 - 4261
Simpson sand	4261 - 4279'

I hereby certify that the above is a true and correct log of said well as reflected by the daily drilling reports.

MACK OIL COMPANY

By Jack Maronde  
Jack Maronde

Signed and sworn to in my presence this 28th day of September, 1965, by Jack Maronde, representative of Mack Oil Company.

Elizabeth F. Nice  
Elizabeth F. Nice, Notary Public

My commission expires September 21, 1968

DAILY DRILLING REPORT

SAMPLE TOPS:		LOG TOPS:		COMPANY <u>MACK OIL COMPANY</u>	
Heebner	2928' (-1355)	Heebner	2932' (-1359)	NAME	<u>#1 Meade</u>
Lansing	3187' (-1614)	Lansing	3189' (-1616)	DESC.	<u>C NE NW Sec. 35-275-7W</u>
Mississippi	3901' (-2328)	Mississippi	3902' (-2329)	COUNTY	<u>Kingman</u>
Miss. Lime	3985' (-2412)	Miss. Lime	3989' (-2416)		<u>Surf. Csg. 1564' Gr. 1566'</u>
Kinderhook	4138' (-2565)	Kinderhook	4141' (-2568)	ELEVATION	<u>1571' DF 1573' K. B.</u>
Viola	4249' (-2676)	Viola	4246' (-2675)		
Simpson sand	4257' (-2684)	Simpson sd.	4257' (-2684)	EST. T.D.	<u>4500'</u>
R.T.D.	4279'	L.T.D.	4279'	Mack Oil Company Mr. Floyd T. Gates Sun Oil Company, P. O. Box 1348 Tulsa, Oklahoma 74101 C. P. Pickett, Wichita (AM-2-314) Nerville Oil Company, Okla. City	

9-14-65 Spudded  
 9-15-65 Set 260' 8 5/8" 20# casing at 269' with 225 sax Pozmix HA-5. Plug down at 10:00 a.m. WOC  
 9-16-65 Drilling at 1255'  
 9-17-65 Drilling at 1840'  
 9-20-65 Drilling at 3510'  
 DST #1: 3543-50' Open 1 hour. Recovered 925' salt water. IBHP - no recording FBHP - 1403#/30" FP-168 - 464#  
 9-21-65 DST #2: 3585-3600' Open 1 hour. GTS/5" too small to measure. Recovered 1245' gassy oil and 115' salt water. IBHP - 1466#/30" FBHP - 1413#/30" FP- 162 to 464#  
 9-22-65 Drilling at 3700'  
 9-23-65 Drilling at 3895'  
 DST #3: 3905-25' Open 1 hour. GTS/4" Gauge: 140 MCF  
 50 MCF/10"  
 40 MCF/30"  
 TSTM/45"  
 Recovered 350' muddy salt water  
 IBHP - 1350#/30" FBHP - 1228#/30" FP- 70 to 149#  
 9-24-65 Drilling at 4003'  
 9-27-65 DST #4: 4259-51' Open 1 hour. Recovered 3035' salt water. IBHP - 1441#/30" FBHP - 1441#/30"  
 IFP - No reading FFP - 1588#  
 Rotary Total Depth: 4279'  
 Preparing to run log. (Gamma-Ray Sonic - Dual Induction)  
 Log Total Depth: 4279'  
 9-28-65 Running 4 1/2" casing.  
 Set 3681.51' of 4 1/2" J-55 8 OD casing at 3686' with 75 sax 50-50 Pozmix-15% salt. Float at 3654'. Plug down at 7:00 a.m.

500 Insurance Building-212 North Market  
Wichita 2, Kansas

APL # 15-095-30113-00-08

DATA AND AFFIDAVIT

(File one Copy)

(On Cementing In Surface or Drive Pipe and required by Rule 82-2-123 of the Commission for compliance with Section 55-136, 55-137, and 55-138, 1947 Supplement to G. S. Kansas 1935)

Lease Owner MACK OIL COMPANY

Office Address 812 Union Center Building, Wichita, Kansas 67202

Lease Name Meade Well No. 1

Well Location (Example: C N/2 NE/4 NE/4 or footage from lines)  
C NE NW SEC 35 TWP 27S RGE 7W (E) County Kingman

Contractor MACK OIL COMPANY

Office Address P. O. Box 400, Duncan, Oklahoma 73533

Drilled with ~~concrete~~ (Rotary) tools: Date pipe set 9-15 19 65

SURFACE HOLE DATA                      SURFACE PIPE DATA

Size of Hole 12 1/4 Csg. (New) (~~used~~) Size 8 5/8" Wt. 20#

Depth \_\_\_\_\_ Where set 269'

METHOD OF CEMENTING

(a) Cement: Amount and kind 225 sacks Pozmix HA-5

Method: (By Service Co., Dump, Tog., etc.) Service

Est. Height Cement behind pipe Circulated

(b) Cementing Material: Explain method. (Example: 8-5/8 w/swag nipple run inside 15", Bridge hold 2/rock and hole filled with cementing material, 15" pipe pulled.) \_\_\_\_\_

Describe cementing material \_\_\_\_\_

GROUND WATER INFORMATION

Depth to bottom of lowest fresh water producing stratum --

Name of lowest fresh water producing stratum --

Surface elevation of well 1564' Sf Csg. 1566' Gr. 1571' DF 1573' KB

ADDITIONAL INFORMATION

(Additional Information may be submitted on separate sheet)

A F F I D A V I T

STATE OF KANSAS, COUNTY OF SEDGWICK SS,

I, Jack Maronde, of the MACK OIL Company, being first duly sworn on oath, state: That I have knowledge of the facts, statements and matters herein contained and that the same are true and correct.

Subscribed and sworn to before me on this 27th day of September 19 65  
My Commission Expires: September 21, 1968

Jack Maronde  
Elizabeth L. Rice  
Notary Public

This form must be filed in duplicate within five days after completion of the well:

- One copy to State Corporation Commission  
500 Insurance Building-212 N. Market-Wichita 2, Kansas
- One copy to State Corporation Commission  
925 Patton Road, Great Bend, Kansas

OPERATOR MACK OIL COMPANY LOCATION OF WELL:  
 LEASE Meade <sup>4620</sup> Ft. from North South line.  
 WELL NUMBER 1 <sup>3300</sup> Ft. from East East line.  
 PURCHASER \_\_\_\_\_ OF THE NW/4 OF SEC. 35 TWP. 27S RGE. 7W  
 COUNTY Kingman  
 FIELD wildcat PRODUCING FORMATION Lansing-Kansas City  
 Total Depth 4279' Top Prod. Form. 3585'  
 Acid; Date 10-3-65 Prod. Perfs. 8 holes  
 Amount 250 MCA Gal. Prod. Perfs. 3590 - 3594'

PRODUCTION TEST

Date 10-4-65 How Produced Flowed  
 Oil Produced 21 Bbl, Length of Test 3 Hours,

A F F I D A V I T

STATE OF KANSAS )  
 ) SS  
 COUNTY OF SEDGWICK )

Robert L. Harris of lawful age, being first duly sworn upon his oath, deposes and says:

That he is Manager for MACK OIL COMPANY, Operator of the Meade Lease, and is duly authorized to make this affidavit for and on behalf of said operator, that Well No. 1 on said lease has been completed and was capable of producing twenty-five barrels of oil per day as of the 4th day of October, 1965, and that all information entered herein with respect to said well is true and correct.

Further affiant saith not.

(S) Robert L. Harris  
 Robert L. Harris

Subscribed and sworn to before me this 6th day of October, 1965

Elizabeth L. Rice  
 NOTARY PUBLIC

My Commission expires September 21, 1968