



KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

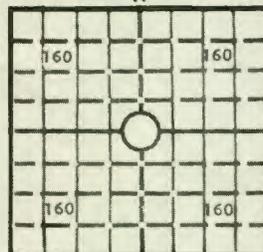
State Geological Survey WICHITA BRANCH

S. 31 T. 16S R. 21 E

Loc. 150 FSL 150 FEL

County Franklin SESE NW

640 Acres N



Locate well correctly

Elev.: Gr.

DF KB

API No. 15 059 21,235 County Number

Operator P & W Oil

Address 5987 Miller, Arvada, CO 80004

Well No. M-2 Lease Name Moore

Footage Location 150 2790 FSL; 2790 FEL - KCC 150 feet from (S) line feet from (E) line

Principal Contractor Wellsville Development Geologist none

Spud Date 7-24-80 Date Completed 7-26-80 Total Depth 674' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser LaJet, Inc.

CASING RECORD

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

Table with 8 columns: Purpose of string, Size hole drilled, Size casing set (in O.D.), Weight lbs/ft., Setting depth, Type cement, Sacks, Type and percent additives. Rows include surface and production data.

LINER RECORD

PERFORATION RECORD

Table with 6 columns: Top, ft., Bottom, ft., Sacks cement, Shots per ft., Size & type, Depth interval

TUBING RECORD

Table with 4 columns: Size, Setting depth, Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Table with 2 columns: Amount and kind of material used, Depth interval treated. Rows include 10 sx 12-30 sand, 22 sx 10-20 sand, 40 # water gel.

INITIAL PRODUCTION

Date of first production 10/20/80 Producing method (flowing, pumping, gas lift, etc.) pumping

Table with 4 columns: RATE OF PRODUCTION PER 24 HOURS, Oil, Gas, Water, Gas-oil ratio, CFPB

Disposition of gas (vented, used on lease or sold) na Producing interval(s) 662-672

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.

Operator		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWD, ETC.:
Well No.	Lease Name	
S	T	R
		E
		W

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
<p style="font-size: 2em; opacity: 0.5; transform: rotate(180deg);">See attached log</p>				
<p style="font-size: 2em; opacity: 0.5; transform: rotate(180deg);">USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.</p>				

Date Received	<p style="text-align: center;"> <i>Man H. Tatum</i> Signature <i>Controlle</i> Title 6/30/81 Date </p>
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Farm - Moore

31-16-21E
Contractor - Wellsville Development, Inc

County - Franklin

Drilling Started -

Well - M-2

Drilling Completed -

Lease Owner - I&W

Permanent Casings

<u>Size</u>	<u>Amount</u>	<u>Condition</u>	<u>Cement</u>
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Strata

Total Depth

Soil & Clay	4
Lime	28
Slate	36
Lime	40
Shale	48
Lime	50
Shale	58
Lime	60
Shale	78
Lime	80
Shale	94
Lime	108
Shale	117
Lime	121
Shale	198
Lime	218
Shale	228
Lime	248
Shale	300
Lime	310
Shale	317
Lime	320
Shale	338
Lime	350
Shale	354
Lime	360
Shale	378
Lime	448
Shale	538
Lime	545
Shale	652
Lime	660
Shale	662
Oil Sand	666
Sand	672
Shale	674 T.D.