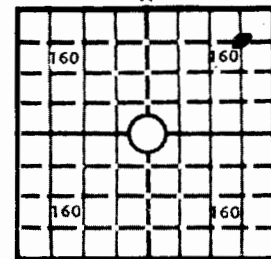


WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — RILEY — 161-20,041
County NumberOperator PAUL MAX OIL CO.Address R.R.#2, Box 393, MANHATTAN, KANS. 66502Well No. 1 Lease Name BARRYFootage Location
600 feet from (N) 40' line 600 feet from (E) 100' linePrincipal Contractor GLACIER DRILLING CO., INC. Geologist MYSELFSpud Date 2/4/81 Date Completed 2/8/81 Total Depth 1610' P.B.T.D.Directional Deviation Oil and/or Gas Purchaser
THE PERMIAN CORPORATIONS. 22 T. 11 R. 8 ELoc. C NE4 NE4County RILEY640 Acres
N

Locate well correctly

Elev.: Gr. 1200DF 1205 KB 1206

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
<u>SURFACE PIPE</u>	<u>9 7/8"</u>	<u>7 1/2"</u>	<u>14</u>	<u>203'</u>	<u>COMMON</u>	<u>80</u>	<u>3% CC</u>
<u>PRODUCTION</u>	<u>6 1/4"</u>	<u>4 1/2"</u>	<u>9.5</u>	<u>1609'</u>	<u>50-50 PDS</u>	<u>50</u>	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			<u>2</u>	<u>3 1/2 STICK JET</u>	<u>1591 TO 1598</u>
TUBING RECORD					
Size	Setting depth	Packer set at			
<u>2 3/8"</u>	<u>1590</u>				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
<u>250 GAL. 15% MUD ACID</u>	<u>1591 TO 1598</u>
<u>1200# 20/40, 4200# 10/20, 2000# 8/12 FRAC SAND</u>	<u>1591 TO 1598</u>

INITIAL PRODUCTION

Date of first production 5/18/81		Producing method (flowing, pumping, gas lift, etc.) PUMPING			
RATE OF PRODUCTION PER 24 HOURS		Oil 6	Gas bbls.	Water MCF	Gas-oil ratio 10 bbls.
Disposition of gas (vented, used on lease or sold)				Producing interval (s) SANDY CHERT (MISS.) 1591 TO 1598	

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, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator <u>PAUL MAX OIL CO.</u>		DESIGNATE TYPE OF COMP.: <u>OIL</u> GAS, DRY HOLE, SWDW, ETC.:
Well No. <u>1</u>	Lease Name <u>BARRY</u>	
S <u>22</u> T <u>11</u> R <u>8</u> <u>E</u>		

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
K.C. LIME	1124	1484	K.C. LIME	1124 TO 1484
MISSISSIPPI CHERT - S.S.D.	1579	1591	MARMATON	1484 TO 1565
SANDY CHERT - G.S.D.	1591	1600	MISS. LIME AND CHERT	1600 TO 1606
NO TESTS			MISS. LIME	1606 TO 1610
			RUN LOG FROM TOP OF K.C. TO T.D.	

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

Date Received	<u>William D. Blandin</u>
	Signature
	<u>PARTNER - PAUL MAX OIL CO.</u>
	Title
	<u>5/19/81</u>
	Date