

ANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey WICHITA BRANCH

S. 4 T. 33S R. 19 W Loc. 125' SW of SW NE

API No. 15 - 033 County - 20,477 Number

Operator K.R.M. PETROLEUM CORPORATION

Address 820 Guaranty Bank Bldg., 817 17th St., Denver, Co. 80202

Well No. 1X-4 Lease Name Herd

Footage Location 2068 feet from (N) line 2068 feet from (E) line

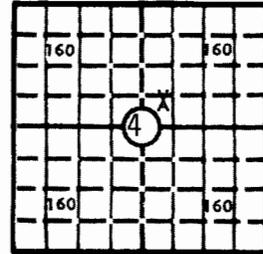
Principal Contractor Xplor Drilling Company Geologist Cope Landes

Spud Date 6/27/81 Date Completed 7/10/81 P & A Total Depth 5350' P.B.T.D. --

Directional Deviation None Oil and/or Gas Purchaser --

County Comanche

640 Acres N



Locate well correctly 1913'

Elev.: Gr. DF KB 1921'

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	12 1/4"	8-5/8"	24#	622'	1t. wt. common	150 300	3% CC, 1/4# flocele

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Pecker set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production 7/10/81 P & A		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		

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 open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

operator

K.R.M. PETROLEUM CORPORATION

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No.  
1X-4

Lease Name  
Herd

Dry Hole

S 4 T 33S R 19<sup>XX</sup> W

WELL LOG

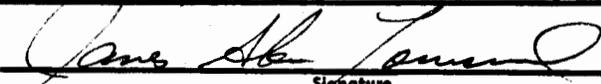
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>DST #1: 4816'-4868' (Swope)</p> <p>HYD=2415</p> <p>15" IFP=58-58</p> <p>30" ISIP=547</p> <p>15" FFP=58-58</p> <p>30" FSIP=177</p> <p>Rec. 3' MW.</p>			<p>Elgin Sand</p> <p>Heebner Shale</p> <p>Toronto Ls.</p> <p>Douglas Ls.</p> <p>Kansas City Ls.</p> <p>Stark Shale</p> <p>Swope Ls.</p> <p>BKC</p> <p>Marmaton Ls.</p> <p>Ft. Scott Ls.</p> <p>Cherokee Shale</p> <p>Mississippi Ls.</p>	<p>4054 (-2133)</p> <p>4204 (-2283)</p> <p>4216 (-2295)</p> <p>4226 (-2305)</p> <p>4384 (-2463)</p> <p>4798 (-2877)</p> <p>4804 (-2883)</p> <p>4886 (-2965)</p> <p>4904 (-2983)</p> <p>5034 (-3113)</p> <p>5044 (-3123)</p> <p>5156 (-3235)</p>
<p>DST #2: 5160'-5250' (Mississippi)</p> <p>HYD=2532</p> <p>35" IFP=176-254</p> <p>57" ISIP=1054</p> <p>15" FFP=234-215</p> <p>30" FSIP=528</p> <p>Rec. 180' mud, 60' SGCM.</p>				
<p>DST #3: 5250'-5350' (Mississippi)</p> <p>HYD=2532</p> <p>30" IFP=118-215</p> <p>60" ISIP=577</p> <p>60" FFP=225-303</p> <p>120" FSIP=577</p> <p>Rec. 490' SG &amp; OCM (3% oil, 15% water, 20% gas, 62% mud).</p> <p>Ran Dresser Atlas Dual Induction Focused Log and Compensated Densilog, Compensated Neutron Gamma Ray.</p>				

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

Date Received

  
Signature

James Alan Townsend, Manager of Operations

Title

11/11/81

Date