

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

S. 36 T. 22S R. 12W E W

Loc. NE SE SE  
County Stafford

API No. 15 — 185 — 21,288 -0000  
County Number

Operator Energy Reserves Group

Address 925 Patton Road Great Bend Kansas 67530

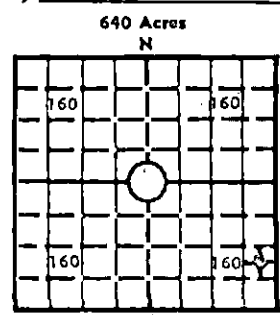
Well No. #2 Lease Name Richardson

Footage Location  
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Slawson Drilling Co., Rig#2 Geologist Jim Davies

Spud Date 6/5/81 Date Completed 6/16/81 Total Depth TD 3638 P.B.T.D. RTD 3634

Directional Deviation 5-1/2° @ 3634' Oil and/or Gas Purchaser NONE



Locate well correctly  
Elev.: Gr. 1814  
DF 1818 KB 1820

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"	23 #/ft	558'	50-50 poz	350	3% CC 1/4# cellophane/sx

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
	7-28-81
	RECEIVED
	STATE CORPORATION COMMISSION

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Conservation Division Wichita, Kansas
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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Energy Reserves Group		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #2	Lease Name Richardson	Dry Hole
S <u>36</u> T <u>22S</u> R <u>12W</u> 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>DST #1 30"-60"-60"-120" Weak blow, died in 20 minutes during 1st open period. No blow during 2nd flow period. Recovered 10' mud. Initial pressures: IH 1702, IFP 32-40, ISIP 65 Final pressures: FH 1702, FFP 40-40, FSIP 65</p>	3234	3275	LOG TOPS: Severy Topeka Queen Hill Heebner Toronto Brown Lime Lansing Base/Kansas City Simpson Arbuckle RTD LTD	2753(- 933) 2796(- 976) 2989(-1169) 3095(-1275) 3113(-1293) 3234(-1414) 3261(-1441) 3508(-1688) 3541(-1721) 3569(-1749) 3634 3638
<p>DST #2 30"-60"-60"-120" Weak blow, died in 5 minutes during 1st open period. No blow during 2nd open period. Recovered 10' mud with a show of oil. Initial pressures: IH 1871, IFP 16-16, ISIP 32 Final pressures: FH 1871, FFP 16-16, FSIP 40</p>	3552	3562		
<p>DST #3 30"-60"-60"-120" Weak to fair blow during both flow periods. Recovered 60' gas in pipe and pipe 180' gas and mud cut oil. Initial pressures: IH 1863, IFP 16-49, ISIP 1153 Final pressures: FH 1863, FFP 49-81, FSIP 1186</p>	3565	3584		
<p>DST #4 30"-60"-60"-120" Strong blow throughout both flow periods. Recovered 1' oil and 2050' salt water. Initial pressures: IH 1874, IFP 49-506, ISIP 1218 Final pressures: FH 1874, FFP 522-975, FSIP 1218</p>	3548	3603		

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

Date Received	<p><i>John D. O'Mullen</i> Signature</p> <p><i>Kansas Dept. Geol.</i> Title</p> <p>7-27-81 Date</p>
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