

**KANSAS DRILLERS LOG**

**IMPORTANT**  
Kans. Geo. Survey request  
samples on this well.

S. 7 T. 23 R. 9 <sup>NE</sup> <sub>W</sub>

API No. 15 — 155 — 20,646  
County Number

Loc. C E2 SW

County Reno

Operator  
Energy Exploration, Inc.

Address  
606 One Twenty Bldg. Wichita, Kansas 67202

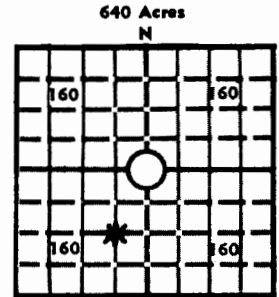
Well No. # 1 Lease Name Withroder

Footage Location  
1320 feet from (N) Ø line 660 feet from (E) Ø line

Principal Contractor Emphasis Oil Operations Geologist Curtis E. Covey

Spud Date 6 March 1980 Total Depth 3802' RTD P.B.T.D.

Date Completed 19 March 1980 Oil Purchaser



Elev.: Gr. 1746'

DF \_\_\_\_\_ KB 1751'

**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"	36	236'	common	175	2% gel
Production	7-7/8"	5-1/2"	10.5	3724	common	125	2% gel

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
<p align="center"><b>TUBING RECORD</b></p>			2	SSB	3578-3604
Size 2-3/8" EUE	Setting depth 3540'	Packer set at None			

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
500 gal 12% HCl and 3% HF. Swabbed. Drop balls. Swabbed	3578-3604
21000 gal 70 foam with 20000# 20/40 sand.	

**INITIAL PRODUCTION**

Date of first production <u>July 12, 1980</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Flowing</u>
RATE OF PRODUCTION PER 24 HOURS	Oil _____ Gas <u>332</u> Water _____ Gas-oil ratio _____
Disposition of gas (vented, used on lease or sold) <u>Sold</u>	Producing interval (s) <u>3578-3604</u>

**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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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 Energy Exploration, Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. #1 Lease Name Withroder Gas

S 7 T23S R 9 Ex 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
Heebner Sh	3041			-1290
Douglas Sh	3062			-1311
Iatan Ls	3204			-1453
Lansing Gp	3232			-1481
Cong Cht	3576			-1825
Miss Cht	3598			-1847
Kinderhook Sh	3623			-1872
Viola	3764			-2013
<p>DST #1 (3266-80'), GTS 35', 2nd OP, BHP 1218, FBHP 1240, IFP 100-111, FFP 100-133. Rec: 30' GCM, 120' very oily GCM, 180' very gassy muddy oil, no water.</p> <p>DST #2 (3567-93'), GTS 6', 30-30-30-60, IFP 57-89, FFP 65-65, ISIP 1235, FSIP 1218. Rec: 90' mud, 100 MCFD - 31', 80 MCFD Stab.</p> <p>DST #3 - Misrun</p> <p>DST #4 (3778-3802'), 30-30-60-60, IFP 264-607, FFP 647-846, ISIP 856, FSIP 866. Rec: 1836' watery mud.</p>				

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

Date Received	<p><i>Arthur E. Conway</i>          _____          Signature          Chief of Geological Services          _____          Title  <i>24 July 80</i>          _____          Date</p>
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