

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOG

State Geological Survey

API No. 15 — 155 — 20,655 WICHITA BRANCH
County Number

Operator

Energy Exploration, Inc.

Address

606 One Twenty Bldg. Wichita, Kansas 67202

Well No.

#1

Lease Name

Harley

Footage Location

1980

feet from (N) (S) line

660

feet from (E) (W) line

Principal Contractor

H-30 Drilling, Inc.

Geologist

Curtis E. Covey

Spud Date

14 May 1980

Date Completed

20 May 1980

Total Depth

3655

P.B.T.D.

Directional Deviation

NA

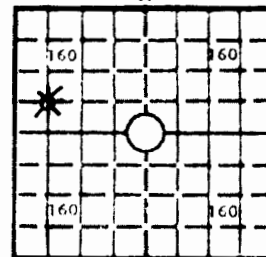
Oil and/or Gas Purchaser

Peoples Nat. Gas.

S. 7 T. 23S R. 9 W

Loc. C SW NW

County Reno

640 Acres
N

Elev.: Gr. 1743

DF KB 1748

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	234'	Common	250	2% Gel
Production	7-7/8"	5-1/2"	10.5	3645'	Common	110	2% Gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	SSB	3576-3604
TUBING RECORD					
Size 2-3/8"	Setting depth 3550'	Packer set at None			

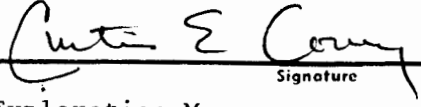
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal 13% HCl and 2% KCl. Balls. Swabbed. 20000 gal	3576-3604
70 foam with 21000 20/40 sand	

INITIAL PRODUCTION

Date of first production Approx 15 Aug 80	Producing method (flowing, pumping, gas lift, etc.) Flowing
RATE OF PRODUCTION PER 24 HOURS	Oil bbls. Gas 380 MCF Water bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Sold	Producing interval(s) 3576-3604

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 Energy Exploration, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas	
Well No. #2	Lease Name Harley		
S <u>7</u> T <u>23</u> S <u>R</u> <u>9</u> <u>W</u>			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
<p style="text-align: center;">Tops Electric Log</p> <p>Heebner Sh 3043</p> <p>Douglas Sh 3065</p> <p>Iatan Ls 3200</p> <p>Lansing Gp 3231</p> <p>Conglomerate 3574</p> <p>Miss Chert 3595</p> <p>Kinderhook 3607</p> <p>DST #1 (3262-85). Rec: 180' g&OCM, 240' HG&OCWM, 240' HG&OCW. 30-30-30-30. IF: 133-244. ISIP: 1416. FF: 311-377. FSIP: 1284. IHH/FHH: 1680-1647. 102° F</p>			<p>DEPTH</p> <p>-1295</p> <p>-1317</p> <p>-1452</p> <p>-1483</p> <p>-1826</p> <p>-1847</p> <p>-1859</p>
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: center;">  Signature Exploration Manager Title 24 July 1980 Date </div>		

KANSAS DRILLERS LOG

COMPANY Energy Exploration, Inc.
FARM Harley NO. 2

SEC. 7 T. 23S R. 9W
LOC. C-SW/4 NW/4

COUNTY Reno

ROTARY TOTAL DEPTH 3,655'
COMM. May 14, 1980 COMP. May 20, 1980
CONTRACTOR H-30, INC. (Rig #7)
ISSUED May 27, 1980

CASING

10 3/4"
8 5/8" Set at 234' cemented w/250 sxs cement
5 1/2" Set at 3,645' cemented w/110 sxs cement
4 1/2"

ELEVATION 1,748' K.B.

FIGURES INDICATE BOTTOM OF FORMATIONS

Shale and Sand	162'
Sand and Shale	237'
Red Bed and Shale	690'
Shale and Shells	1,440'
Shale and Lime	2,654'
Lime and Shale	3,214'
Lime	3,285'
Lime and Shale	3,655'
Rotary Total Depth	3,655'

I hereby certify the above and foregoing to be
a true and correct log of the above described
well as shown by the drilling reports.

H-30, INC.

Dean Britting
Dean Britting

State of Kansas)
) ss:
County of Sedgwick)

Subscribed and Sworn to before me a Notary Public
in and for said county and state this 27th day of
May, 1980.

15-155-20,655

Ed. J. Webb