

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCH

S. 13 T. 16 R. 9 E

API No. 15 — 127 — 20070
County Number

Loc. 180' S of SE NW SW
County Morris

Operator M. L. Brown Co.

Address 1500 Vickers KSBT Bldg. Wichita, KS. 67202

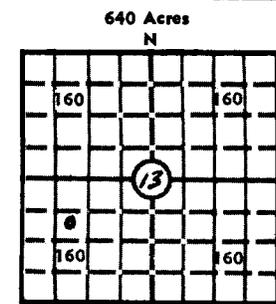
Well No. 4 Lease Name Porter "A"

Footage Location
1800 feet from (S) line 790 feet from (W) line

Principal Contractor Berantz Drlg. Geologist Peter J. Stubbs

Spud Date 5-6-76 Total Depth 2971' P.B.T.D. 2949

Date Completed 6-16-76 Oil Purchaser Permian



640 Acres
N
Elev.: Gr. 1237
DW _____ KB 1242

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</u>	<u>12 1/4</u>	<u>8 5/8</u>	<u>28</u>	<u>162</u>	<u>Common</u>	<u>100</u>	<u>1/2# Floccide/sk 3% CCl.</u>
<u>Oil</u>	<u>7 7/8</u>	<u>5 1/2</u>	<u>14</u>	<u>2970</u>	<u>Poz (65-35)</u>	<u>100</u>	<u>10# Gilsomite, 1/2# Tuf Fiber/sk, 10% NaCl.</u>

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			<u>6 shots</u>	<u>5 Gun - 3/8"</u>	<u>2921 1/2 - 2922 - 2922 1/2</u>

Size	Setting depth	Packer set at
<u>2 7/8"</u>	<u>2946</u>	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production <u>7-20-76</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pump</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>22</u> bbls. Gas <u>—</u> Water <u>425</u> bbls. Gas-oil ratio _____
Disposition of gas (vented, used on lease or sold)	Producing interval (s) <u>Viola</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 *M. L. Brown Co.* DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. *4* Lease Name *Porter "A"*

S *13* T *16* R *9* ^E _W *Morris County*

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
<i>See attached logs. Dresser Atlas 1. IES 2. Densilog Geol. Strip log.</i>				

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

Date Received	<i>Steve Park</i> Signature
	<i>Division Engr.</i> Title
	<i>7-23-76</i> Date