

KANSAS DRILLERS LOG

API No. 15 — 119 — 20,335
County Number

Operator

A. Scott Ritchie

Address

Suite 950 - 125 N. Market; Wichita, Kansas

Well No.

1

Lease Name

Bromwell

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Search Drilling Co.

Geologist

Don Huber

Spud Date

12/05/78

Total Depth

5720'

P.B.T.D.

Date Completed

12/19/78

Oil Purchaser

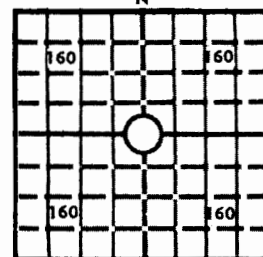
none

S. 18 T. 33S R. 20 ³⁰ _W

Loc. C W/2 NE/4

County Meade

640 Acres



Locate well correctly

Elev.: Gr. 2731'

DF _____ KB 2741'

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#	1497'	quickset	600	

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

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Oil Gas Water Gas-oil ratio
	bbls. MCF bbls. 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, 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 A. Scott Ritchie		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: dry hole																													
Well No. 1	Lease Name Bromwell																														
S <u>18</u> T <u>33S</u> R <u>20</u> ^W _W																															
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 DEPTH																												
DST #1 5114'-5130' Wk to fair blow off bottom. Rec. 800' gas in pipe, 120' oil and gas cut mud, 60' oil cut salt water. IFP 68-68#/30"; ISIP 1455#/60"; FFP 85-119#/60"; FSIP 1558#/120". DST #2 5584'-5644' Rec. 20' mud. Pressures did not record because clocks stopped. DST #3 5585'-5690' 30/60/90/120 Gas to surface in 10". Through a 1½" orifice, gas guaged; 132 MCF/15"; 158 MCF/20"; 170 MCF/25"; 181 MCF/30". Second opening - gas to surface in 10"; guaged 184 MCF; 197 MCF/20"; 209 MCF/30"; 220 MCF/40"; 220 MCF/50"; 231 MCF/60"; 231 MCF/70"; 241 MCF/80"; 241 MCF/90". Rec. 200' gas cut mud. IFP 102-119#/30"; ISIP 273#/60"; FFP 119-119#/90"; FSIP 273#/120". DST #4 5586'-5647' Straddle test. Rec. 20' mud, no shows. IFP 65-81#/30"; ISIP 147#/45"; FFP 114-131#/30"; FSIP 196#/45".			ELECTRIC LOG TOPS: <table style="width: 100%; border: none;"> <tr><td>Heebner</td><td style="text-align: right;">4334' (-1593)</td></tr> <tr><td>Toronto</td><td style="text-align: right;">4352' (-1612)</td></tr> <tr><td>Lansing</td><td style="text-align: right;">4470' (-1729)</td></tr> <tr><td>Marm</td><td style="text-align: right;">5093' (-2352)</td></tr> <tr><td>Morrow Sh</td><td style="text-align: right;">5606' (-2865)</td></tr> <tr><td>Morrow "A"</td><td></td></tr> <tr><td> Sdy Ls</td><td style="text-align: right;">5615' (-2874)</td></tr> <tr><td>Morrow "B"</td><td></td></tr> <tr><td> Sand</td><td style="text-align: right;">5642' (-2901)</td></tr> <tr><td>Morrow "C"</td><td></td></tr> <tr><td> Sand</td><td style="text-align: right;">5656' (-2915)</td></tr> <tr><td>Miss</td><td></td></tr> <tr><td> (Chester)</td><td style="text-align: right;">5672' (-2931)</td></tr> <tr><td>LTD</td><td style="text-align: right;">5721' (-2980)</td></tr> </table>	Heebner	4334' (-1593)	Toronto	4352' (-1612)	Lansing	4470' (-1729)	Marm	5093' (-2352)	Morrow Sh	5606' (-2865)	Morrow "A"		Sdy Ls	5615' (-2874)	Morrow "B"		Sand	5642' (-2901)	Morrow "C"		Sand	5656' (-2915)	Miss		(Chester)	5672' (-2931)	LTD	5721' (-2980)
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Date Received	F. J. Gibson Geologist Signature December 21, 1978 Title Date																														