

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

**KANSAS DRILLERS LOG**

S. 26 T. 16 R. 25 <sup>K</sup>W  
 Loc. ~~880 W x 850 N/SE~~  
 150' NW of C SE SE  
 County Ness

API No. 15 — 135 — 21,390  
 County Number

Operator  
Patrick Petroleum Corp.

Address  
Suite 400, One Twenty Building Wichita, Kansas 67202

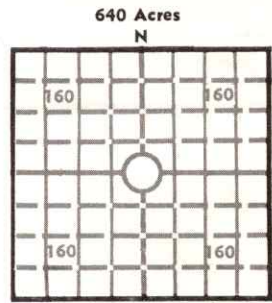
Well No. #1 Lease Name Behm

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

Principal Contractor Slawson Drilling, Inc. Geologist Kenneth Johnson

Spud Date 11/21/77 Total Depth 4530 P.B.T.D.

Date Completed 11/30/77; On pump 3/23/78 Oil Purchaser Koch



Locate well correctly  
 Elev.: Gr. 2515  
 DF KB 2520

**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	28#	318'	60/40 Poz.	225	2% gel, 3% cc.
Production		5 1/2	14#	4518	60/40 Poz.	125	10% salt, 3/4% CFR-2

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3 SPF	0.41" Jets	4398 - 4401
			3 SPF	0.41" Jets	4414 - 4420

**TUBING RECORD**

Size	Setting depth	Packer set at
2 3/8" OD	4454'	

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

Amount and kind of material used	Depth interval treated
4000 gallons 15% acid	4398 - 4401 4414 - 4420

**INITIAL PRODUCTION**

Date of first production <u>12/7/77</u>		Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>		
RATE OF PRODUCTION PER 24 HOURS	Oil <u>23</u> bbls.	Gas <u>TSTM</u>	Water <u>Trace</u> bbls.	Gas-oil ratio <u>CFPB</u>
Disposition of gas (vented, used on lease or sold) <u>Vented</u>			Producing interval (s) <u>Fort Scott Limestone</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 Patrick Petroleum Corporation  
 DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:  
 Oil well

Well No. 1 Lease Name Beahm

S 26 T 16 S R 25 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
Shale, Sand streaks	0	321		
Shells & sand	321	1655		
Shale	1655	1878		
Anhydrite	1878	1911		
Shale & Shells	1911	2045		
Shale & Lime	2045	2466		
Lime & Shale	2466	3031		
Shale & Lime	3031	3145		
Lime & Shale	3145	3513		
Shale & Lime	3513	3740		
Lime & Shale	3740	4150		
Shale & Lime	4150	4275		
Lime & Shale	4275	4420		
Shale & Lime	4420	4452		
Lime & Shale	4452	4512		
Miss	4512	4530		
RTD	4530			
DST #1 4397 - 4420, strong blow, tool open one hour, recovered 412' gas in pipe, 220' clean gassy oil, 60' of oil cut mud, no water. IFP 32 - 63/30 min.; ISIP 1118/30 min.; FFP 84 - 116/30 min.; FSIP 1108/45 min.				
DST #2 4474 - 4520 Weak to fair blow throughout test. Tool open one hour, 45 min., recovered 408' of muddy salt water w/ few specks of heavy oil on top. IFP 53 - 116/45 min.; ISIP 1287/45 min. FFP 127 - 222/60 min.; FSIP 1276/60 min. Bottom hole temperature: 125°				
Electric Log Tops:				
Anhydrite	1879			
B/Anhydrite	1910			
Heebner	3848	(-1328)		
Lansing	3884	(-1364)		
B/Kansas City	4194	(-1674)		
Marmaton	4207	(-1687)		
Pawnee	4319	(-1799)		
Fort Scott	4396	(-1876)		
Cherokee	4423	(-1903)		
Mississippi	4474	(-1954)		
Mississippi dolomite	4516	(-1996)		
LTD	4529			

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

Date Received	Signature <i>John T. Crane</i>
	Title Division Manager
	Date August 31, 1978