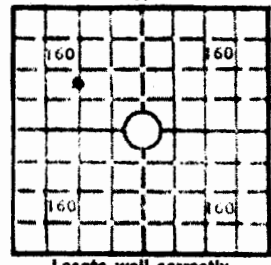


**KANSAS DRILLERS LOG**

S. 1 T. 35S R. 28W  
Loc. 180' South of Center of  
NW/4

County Meade  
640 Acres  
N  
  
Elev.: Gr. 2352  
DF KB 2358

API No. 15 \_\_\_\_\_  
County \_\_\_\_\_ Number \_\_\_\_\_

Operator  
R. J. Patrick Operating Company

Address  
Box 1314, Liberal, Kansas 67901

Well No. 2 Lease Name Ross

Footage Location North 1600 feet from (N) XXY line East 1350 feet from (E) XXY line

Principal Contractor B & N Drilling Geologist \_\_\_\_\_

Spud Date 8/4/78 Total Depth 3428' KB P.B.T.D. \_\_\_\_\_

Date Completed 8/12/78 Oil Purchaser \_\_\_\_\_

**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 1/2"	8-5/8"	20#	525'	Type H 60/40 poz.	150 200	3% gel & CC 3% gel & CC
Production	7-7/8"	5 1/2"	14#	2425'	poz	250	18% Salt

**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 _____ bbls.	Gas _____ MCF	Water _____ bbls.	Gas-oil ratio _____ 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 **R. J. Patrick Operating Company** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **GAS**

Well No. **2** Lease Name **Ross**

**S 1 T 35SR 28** <sup>EX</sup><sub>W</sub>

**WELL LOG**


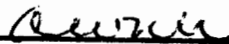
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
sand	0	573		
sand/shale	573	1588		
shale	1588	2200		
shale/lime	2200	2284		
shale	2284	2800		
lime/shale	2800	3428		

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

Date Received \_\_\_\_\_

  
 Signature  
  
 Title  
**8-21-78**  
 Date

22. 3800

15-1435238W  
typed & mailed  
8-25-78

**KANSAS DRILLERS LOG**

API No. 15 ————— County ————— Number —————

Operator  
R. J. Patrick Operating Company

Address  
Box 1314, Liberal, Kansas 67901

Well No. 2 Lease Name Ross

Footage Location North 1600 feet from (N) ~~XXX~~ line East 1350 feet from (E) (NW) line

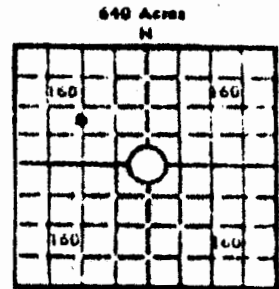
Principal Contractor B & N Drilling Geologist

Spud Date 8/4/78 Total Depth 3428' KB P.B.T.D.

Date Completed 8/12/78 Oil Purchaser

S. 1 T. 35S R. 28W<sup>E</sup>  
Loc. 180' South of Center of NW/4

County Meade



Elev.: Gr. 2352  
DF KB 2358

**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	Secks	Type and percent additives
Surface	12 1/2"	8-5/8"	20#	525'	Type H 60/40 poz.	150 200	3% gel & CC 3% gel & CC
Production	7-7/8"	5 1/2"	14#	2425'	poz	250	18% Salt

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Secks cement	Shots per ft.	Size & type	Depth interval
			2	Jet 1/2"	3254-64
<b>TUBING RECORD</b>			4	Jet 1/2"	3182-84, 3130-32
Size	Setting depth	Packer set at	4	Jet 1/2"	3088-90
			2	Jet 1/2"	2774-2782

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

Amount and kind of material used	Depth interval treated
1000 gallon Halliburton MCA	3254-64, 3182-84, 3130-32
250 gallon Halliburton MCA	3088-90
500 gallon Halliburton MCA	2774-2782

**INITIAL PRODUCTION**

Date of first production Dry	Producing method (flowing, pumping, gas lift, etc.)				
RATE OF PRODUCTION PER 24 HOURS	Oil None	Gas None	Water 20 bbls pr. hr.	Gas-oil ratio	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. Mendota (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-198. Drillers Log will be of little use to the Oil and Gas Commission if it is not filled out correctly.