

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCHAPI No. 15 — 113 — 20,367
County Number

Operator

Melland Drilling Company, Inc.

Address

901 North Main McPherson, Kansas 67460

Well No.

#2

Lease Name

Harry Johnson

Footage Location

550

feet from (N) line

585

feet from (W) line

Principal Contractor

Blackstone

Geologist

Don Melland

Spud Date

7/30/76

Total Depth

3515

P.B.T.D.

Date Completed

8/9/76, (rotary) 8/21/76

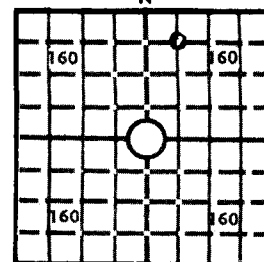
Oil Purchaser

NCRA

S. 13 T. 18 R. 4 E
W

Loc. C NW NE

County McPherson

640 Acres
N

Locate well correctly

Elev.: Gr. 1936

DF KB 1441

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
SP		13"		136'	Com	100	
SP		8 5/8"		465'	Com	300	
Prod		5 1/2"	17	3515'	Com	505	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	?	3483-88

TUBING RECORD

Size	Setting depth	Packer set at
2 1/2	3470	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

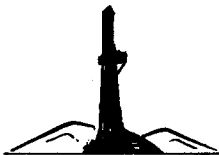
Amount and kind of material used	Depth interval treated
Acid 1000 gal. 15%	3483-88
Frac 30,000 # SD, 3500 BW	" "

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
9/6/76		Pump			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	38	✓	150		
bbls.			MCF	bbls.	
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		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:		
Well No.	Lease Name			
S _____ T _____ R _____ E _____ 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
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	 _____ Signature _____ Title 3/10/27 _____ Date			



13-18-4W

Blackstone Drilling, Inc.

Box 455 • 523 West Kansas • Phone (316) 241-1250

McPHERSON, KANSAS 67460

August 11, 1976

COMPANY: MELLAND DRILLING COMPANY, INC.
CONTRACTOR: BLACKSTONE DRILLING, INC.
FARM: HARRY JOHNSON #2
LOCATION: C NW/4 NE/4, Section 13-18-4W,
McPherson County, Kansas
COMMENCED: July 30, 1976
COMPLETED: August 8, 1976
ELEVATION:

0	to	35	Clay
35	to	80	Sand
80	to	134	Blue Shale
134	to	360	Shale & Lime
360	to	463	Anhydrite
463	to	1080	Lime & Shale
1080	to	1565	Shale
1565	to	1960	Shale & Lime
1960	to	2825	Lime
2825	to	3035	Lime & Shale
3035	to	3205	Mississippi
3205	to	3264	Lime
3264	to	3315	Lime & Shale
3315	to	3515	Shale
		3515	T. D.

Cut 15 1/2" hole to 134' and run 136' of 13" Surface pipe, cemented with 100 sacks of 2X Gel & 2X CC at 134'. Plug down at 3:00 P. M., July 30, 1976. Run 465' of 8 5/8" pipe, cemented with 300 sacks of 2X Gel & 2X CC. Plug down at 9:00 A. M., August 1, 1976. Drilled a 7 7/8" hole to 3515'. Run 3520' of 5 1/2" pipe, cemented with 50 sacks of cement at 3514'. Plug down at 4:30 P. M., August 8, 1976.

TOPS: MISSISSIPPI - 3039' KINDERHOOK - 3263' MARQUOKETA DOLOMITE - 3482'

Measurements taken from K. B.

CERTIFICATE

I, P. E. Plouffe, President of Blackstone Drilling, Inc. do hereby certify that the above and foregoing is a true and correct copy of log on your Harry Johnson #2, located on the C NW/4 NE/4, Section 13-18-4W, McPherson County, Kansas as reflected