

**KANSAS DRILLERS LOG**

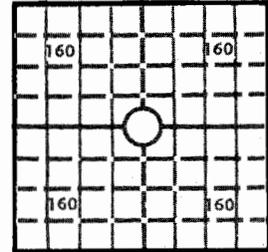
S. 9 T. 11 R. 32 <sup>NE</sup>/<sub>W</sub>

API No. 15 — 109 — 20,038  
County Number

Loc. C SW SE

County Logan

640 Acres  
N



Elev.: Gr. 3054

DF \_\_\_\_\_ KB 3059

Operator  
Murfin Drilling Co.

Address  
617 Union Center Wichita, Kansas 67202

Well No. # 1 Lease Name James

Footage Location  
330 feet from ~~XX~~ (S) line 990 feet from (E) ~~XX~~ line SE/4

Principal Contractor Murfin Drilling Company Geologist Roger Welty

Spud Date 2-2-75 Total Depth 4730' P.B.T.D. \_\_\_\_\_

Date Completed 2-14-75 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 1/4"	8 5/8"	24#	272'		150	

**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 744.

erator

Murfin Drilling Company

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name James Dry Hole

S 9 T 11S R 32 ~~W~~ W

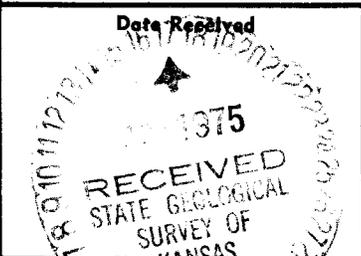
**WELL LOG**

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
Surface soil & sand	0	230	Anhydrite	2574
Blue shale	230	272	Top eka	3852
Shale	272	400	Heebner	4013
Shale & sand	400	1670	Toronto	4035
Sand	1670	1910	Lansing	4053
Shale & sand sks	1910	2130	Base KC	4332
Shale	2130	2574	Pawnee	4469
Anhydrite	2574	2603	Cherokee	4558
Sand, shale & lime	2603	2726	Miss	4659
Lime & shale	2726	3475	LTD	4731
Lime & shale sks	3475	3620		
Lime & shale	3620	3830		
Lime	3830	4685		
Lime & chert	4685	4730		
Total Depth	4730			
DST#1: 4309-25/30-30-30-45. Rec 700' SW. Press: 1349-43-303-1318#				
DST #2: 4185-4309/45-20-45-20. Rec 480' MW. Press: 1221-87-281-1200#				
DST #3: 4121-75/30-20-15-20. Rec 1500' SW. Press: 43-303-SIP failed				
DST #4: 4579-46/30-30. 10 min weak blow. Rec 10' Mud. BHP 870#, FP 65-65#				

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



Signature: *James R. Daniels*  
 Title: JAMES R. DANIELS, General Manager  
 Date: March 19, 1975

100648

COMPANY Murfin Drilling

FARM James

NO. 1

RIG. NO. 2

TOTAL DEPTH 4730'

COMM. 2/2/75

COMP. 2/14/75

CONTRACTOR Murfin Drilling Company

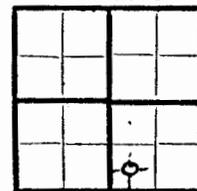
CASINO

20	10
15	8 5/8" @ 272' w/150 sx
12	6
13	5

KANSAS GEOLOGICAL SURVEY  
Wichita, Kansas

9-11s-32w  
SEC. 9 T. 11S R. 32W  
LOC. App. C SW SE

API 15-109-20038  
COUNTY Logan  
KANSAS



ELEVATION 3054 GL

PRODUCTION D & A

FIGURES INDICATE BOTTOM OF FORMATIONS

0 - 230	Surf. soil & sand
230 - 272	Blue shale
272 - 400	Shale
400 - 1670	Shale & sand
1670 - 1910	Sand
1910 - 2130	Shale & sand sks
2130 - 2574	Shale
2574 - 2603	Anhydrite
2603 - 2726	Sand, shale & lime
2726 - 3475	Lime & shale
3475 - 3620	Lime & shale sks
3620 - 3830	Lime & shale
3830 - 4685	Lime
4685 - 4730	Lime & chert
4730	TD

ELEVATION: 3059 KB

LOG TOPS: DEPTH:

Ang	2574
Top	3852
Heeb	4013
Tor	4035
Lans	4053
Bkc	4332
Paw	4469
Cher	4558
Miss	4659
Rtd	4730
Ltd	4731

State of           Kansas           }  
 County of           Sedgwick           } ss: