

25-2-30w  
 State Geological Survey  
 S. 25 T. 25 S. R. 30 E. 25 W.

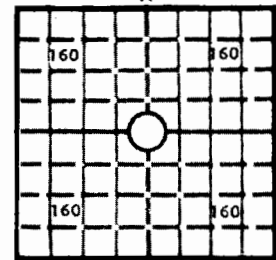
**WELL COMPLETION REPORT AND DRILLER'S LOG**

API No. 15 — 039 — 20,513  
 County Number

Loc. SW SE NE

County Decatur

640 Acres



Elev.: Gr. 2803'

DF \_\_\_\_\_ KB 2808'

Operator  
 Murfin Drilling Company

Address  
 617 Union Center Bldg.

Well No. 1-25 Lease Name Morton

Footage Location  
 330' feet from (S) line 990' feet from (E) line SW/4

Principal Contractor Murfin Drilling Co. Geologist Jim Reeves

Spud Date 10-16-80 Date Completed 10-23-80 Total Depth 4070' P.B.T.D.

Directional Deviation Oil and/or Gas 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#	316'	Common Sunset	200	

**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.	bbls.	MCF	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, 245 No. Water, Wichita, Kansas 67202. 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 Murfin Drilling Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole
Well No. 1-25	Lease Name Morton	Dry Hole
S 25 T 2S R 30		

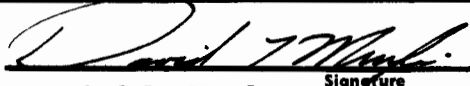
### WELL LOG

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
Soil, Sand & Clay		270'	Severy	3633 (-825)
Shale		317'	Topeka	3674 (-866)
Shale & Sand		2560'	Oread	3759 (-951)
Andhydrite		2592'	Toronto	3809 (-1001)
Shale & Sand		2982	BKC	4025 (-1217)
Shale		3100'		
Shale & Lime		3695'		
Lime & RTD		4070'		
DST #1: 3778'-3815'/45-45-45-45. IF: Weak blow increasing to 5". FF: weak blow increasing to 6". Rec. 165' gas & 15' OGCM (30% O) & 60' VHO&GCM (70% O) & 60' MO (90% O). No Water. HP: 2115-2085#. FP: 75/86-108/108#. SIP: 744-713#. Temp. 113°.				
DST #2: 3832'-3856'/45-60-45-60. Tool slid 5'. IF: Weak blow built to 2", died after 40 mins. FF: no blow. Rec. 30' mud, no shows. HP: 2216-2165#. FP: 64/64-64/64#. SIP: 75-64#. Temp. 113°.				
DST #3: 3809'-3864'/(straddle test) 45-60-45-60. IFP: Weak blow up to 2" then decreasing. FFP: no blow. Rec. 75' VSOSP. HP: 2246'-2206#. FP: 97/79-119/119#. SIP: 1234-1163#. Temp. 118°.				
Logs: Compensated Acoustic Velocity Log, Gamma-Guard Sidewall Neutron Log.				

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

Date Received	
	Signature David L. Murfin Drilling Manager
	Title February 9, 1981
	Date