

31-2-29w
CONFIDENTIAL

AUG

KANSAS DRILLERS LOG

State Geological Survey

S. 31 T. 2S R. 29 ~~XXX~~
~~XXX~~

API No. 15 — 039 — 20,590 WICHITA BRANCH
 County Number

Loc. NW NE NE

County Decatur

640 Acres
 N



Date: 7/1/82

Locate well correctly

Elev.: Gr. 2763

DF _____ KB 2768

Operator Murfin Drilling Company

Address 617 Union Center Bldg.,, Wichita, KS 67202

Well No. 2-31 Lease Name Elbert May

Footage Location 330 feet from (N) ~~W~~ line 1080 feet from (E) ~~W~~ line

Principal Contractor Murfin Drilling Company Geologist Roger Welty

Spud Date 6-21-81 Total Depth 4040' P.B.T.D. 3996'

Date Completed 6-27-81 Oil Purchaser Clear Creek

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#	327'	50-50 Pozmix	250	3%CC
production	7-7/8	4 1/2"	10.5#	4037'	Class A	25 10% Salt 3/4% CFR 2	
					50-50 Pozmix	125 10% Salt 3/4% CFR 2	
							w/50 sx 2% CC, 25 gal. Latex

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			8		3820-22'

Size	Setting depth	Packer set at
2 3/8"	3813'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal. MOD-202 & 250 gal. MOD-101	3820-22'

INITIAL PRODUCTION

Date of first production <u>August 12, 1981</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>128</u> bbls. Gas <u>---</u> MCF Water <u>---</u> bbls. Gas-oil ratio <u>---</u> CFPB
Disposition of gas (vented, used on lease or sold) <u>-----</u>	Producing interval (s) <u>3820-22'</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 Murfin Drilling Company

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

Well No. 2-31

Lease Name Elbert May

Oil

S 31 T 2S R 29 ~~XXX~~
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
			Log Tops:	
			Anhydrite	2418' (+250)
			B/Anhydrite	2549' (+219)
Sand & Clay	290		Topeka	3579' (-811)
Shale	525		Oread	3729' (-961)
Shale & Sand	2521		Toronto	3776' (-1008)
Anhydrite	2552		LKC	3789' (-1019)
Sand & Shale	2987		BKC	4006' (-1238)
Shale & Shells	3200		LTD	4037'
Shell & Sand	3387		RTD	4040'
Shale	3500			
Shale, Shells & Sand	3645			
Shale & Lime	3855			
Shale & Shells	4040			
DST #1: 3783-3810'/30-45-30-45. Rec. 20' oil spotted mud. FP: 40-51#. SIP: 1176-1146#.				
DST #2: 3802-3828'/45-45-45-45. Rec. 660' GIP + 725' MO (125 MO - 60% O, 40% M, 0% W' 120' MCO - 90% O, 9% M, 1% W; 180' MCO - 95% O, 3% M, 2% W; 120' MCO - 90% O, 5% M, 5% W; 180' MCO - 80% O, 20% M, 0% W). FP: 91-336# SIP 1166-1115#.				

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

Date Received

Wayne Johnston
Signature

Wayne Johnston, Production Manager

Title

August 12, 1981

Date