

**KANSAS DRILLERS LOG**

S. 29 T. 32S R. 28 ~~X~~ W

API No. 15 — 119 — 20,367  
County Number

Loc. C SW SE

Operator

A. Scott Ritchie

State Geological Survey  
Meade  
WICHITA, BRANCH

Address

Suite 950 - 125 N. Market

Well No.

1

Lease Name

Crooked L Ranch "A"

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Murfin Drilling Co.

Geologist

Kris Kennedy

Spud Date

8/18/79

Total Depth

5690'

P.B.T.D.

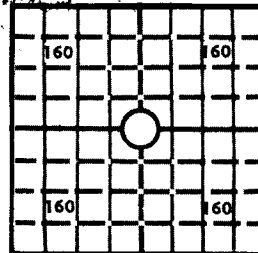
5640'

Date Completed

1/15/80

Oil Purchaser

Unknown



Locate well correctly

Elev.: Gr. 2493'

DF 2499' KB 2502'

**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#	1429'	pozmix	800	600 sx 50-50 poz 3% cc + 200 sx common 3% cc
production		4 1/2"	10.5#	5685'	pozmix	200	10% salt - 15 bbls brine preflush

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	SSB	5594' - 5600'
			2	SSB	5576' - 5588'

**TUBING RECORD**

Size	Setting depth	Packer set at

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

Amount and kind of material used	Depth interval treated
1000 gals 15% acid w/5 gals Pen-5, 3 gals cla-sta, 1 gal HAI-55 foamed w/nitrogen	5594' - 5600'
7500 gals MOD-202 acid foamed w/nitrogen	5576' - 5588'

**INITIAL PRODUCTION**

Date of first production	Producing method (flowing, pumping, gas lift, etc.) flowing open flow - 4 pt. test				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas calculated/	Water	Gas-oil ratio	
	bbls.	2,683	MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold) sold			Producing interval (s) 5576' - 5600'		

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

erator

A. Scott Ritchie

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

Well No. 1	Lease Name Crooked L Ranch "A"
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S 29 T32S R 28 <sup>K</sup> 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
DST #1 4321'-4370' Rec. 315' muddy salt water, no show of oil or gas. IFP 46-93#/30"; ISIP 1379#/45"; FFP 117-164#/45"; FSIP 1402#/60".				
DST #2 5519'-5545' Wk blow for 15" and died. Wk blow 10" second open and died. Rec. 15' mud. IFP 46-46#/30"; ISIP 70#/45"; FFP 46-46#/30"; FSIP 46#/45".				
DST #3 5553'-5605' Gas to surface in 15'. Guaged 23.7 MCF. Second opening guaged 27.3 MCF and stabilized. Rec. 36' gas cut mud. IFP 70-70#/45"; ISIP 1495#/60"; FFP 70-70#/90"; FSIP 1844#/120".				
			ELECTRIC LOG TOPS	
			Heeb 4306'	(-1804)
			Tor 4333'	(-1831)
			Lans 4454'	(-1952)
			Marm 5071'	(-2569)
			Cherokee	
			Shale 5232'	(-2730)
			Atoka 5454'	(-2952)
			Morrow	
			Shale 5516'	(-3016)
			Morrow	
			Sand 5532'	(-3030)
			Miss/ 5540'	(-3038)
			Chester	
			LTD 5685'	(-3183)

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

Date Received	<i>F. Judson Hipps</i>
	Signature
	Exploration Manager
	Title
	January 21, 1980
	Date

PJ

# WELL LOG

State Geological Survey  
WICHITA, BRANCH

COMPANY A. Scott Ritchie

SEC. 29 T. 32S R. 28W

FARM CROOKED L. RANCH "A" #1

LOC.

C SW SE

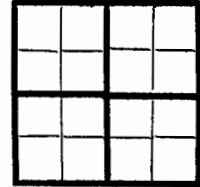
RIG. NO. 19

TOTAL DEPTH 5690'

COUNTY Meade  
KANSAS

COMM. 8-18-79 COMP. 9-3-79

CONTRACTOR Murfin Drilling Company



CASINO

20 10  
15 8 -5/8" csg. set @ 1429' w/800 sx.

ELEVATION

12 6

13 5

PRODUCTION

4 1/2" csg. set @ 5685' w/200 sx.  
FIGURES INDICATE BOTTOM OF FORMATIONS

290'	Sand & Red Bed
635'	Sand & Shale & Red Bed
916'	Red Bed
940'	Shale
1125'	Sand
1280'	Shale & Sand Streak
1380'	Shale & Red Bed
1429'	ANHYDRITE
1865'	Shale & Lime Stks
2334'	Shale
2415'	Lime & Shale
2700'	Shale & Broken Lime
2932'	Lime & Shale
3178'	Shale & Lime
3410'	Broken Lime & Shale
3556'	Shale & Lime
5115'	Lime & Shale
5690'	Lime RTD

RECORDED  
SEP 2 1979

SEP 2 1979