

PL

KANSAS DRILLERS LOG

API No. 15

County

Number

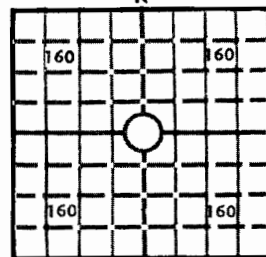
WICHITA, BRANCH

S. 20 T. 13S R. 20W E W

Loc. NE SE SE

County Ellis

640 Acres
N



Locate well correctly

Elev.: Gr. 2231'

DF _____ KB 2236'

Operator

Murfin Drilling Company/Fargo Petroleum

Address

617 Union Center; Wichita, Ks 67202

Well No.

1-20

Lease Name

Younger

Footage Location

990

feet from (N) (S) line

330

feet from (E) (W) line

Principal Contractor

Murfin Drlg/Fargo Petrol.

Geologist

Jerry Knobel

Spud Date

7/26/80

Total Depth

3878'

P.B.T.D.

Date Completed

8/3/80

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#	214'	Common	190	3% CaCl, 1 1/2% Ammoni
Production	7 7/8"	5 1/2"	14#	3866'	50 sx. Class A 100 sx. 50-50 Poz 25 gal. Latex		10% Salt, 3/4% CFR- 2, 2% CaCl

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
Open Hole		: 3866-74'

TUBING RECORD

Size	Setting depth	Packer set at
2"	3775'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal. MOD-202	3866-74'

INITIAL PRODUCTION

Date of first production 9/24/80		Producing method (flowing, pumping, gas lift, etc.) Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 123 bbls.	Gas ---	MCF	Water 8 bbls.	Gas-oil ratio ----
Disposition of gas (vented, used on lease or sold) -----				Producing interval (s) 3866-74'	

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.

PL

Operator Murfin Drilling/Fargo Petroleum DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDOW, ETC.: Oil well

Well No. 1-20 Lease Name Younger

S 20 T 13S R 20WE 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
Rock, Shale & Sand		215'	Anhydrite	1567-1607'
Shale and Sand		970'		
Sand		1225'		
Sand & Shale		1569		
ANHYDRITE		1607'		
Shale		1797'		
Shale & Chirt		2280		
Shale & Lime		3305'		
Lime & Shale		3789'		
Shale & Lime & Chirt		3810'		
Lime & Chirt - RTD		3878'		
DST #1: 2756-3789'/30-30-30-5, rec. 30' mud. FP: 62-62#, SIP: 62-62#.				
DST #2: 3870-3878'/45-45-30-45, rec. 185' TF. (75' GIP + 105' Clean Gassy Oil + 120' froggy oil + 60' muddy oil.) FP: 78/102-110/117#. SIP: 1057-995#.				

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

Date Received

Wayne Johnston
Signature

Wayne Johnston, Production Manager
Title

Sept. 26, 1980
Date