

State Geological Survey

WICHITA BRANCH

KANSAS DRILLERS LOG

15-071-20161-44
Mangold #1

well file

API No. 15 — 071 — 20161
County Number

S. 9 T. 17S R. 40

Loc. SW SW SW

County Greeley

Operator
R. C. Banks

Address
Box 242, Midland Texas 79701

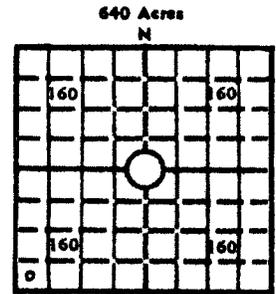
Well No. 1 Lessee Name Mangold

Footage Location
330 feet from ~~XX~~ (S) line 330 feet from ~~XX~~ (W) line

Principal Contractor Lakin Drilling Co. Geologist Lloyd Henderson

Spud Date 9-17-78 Total Depth 3060' P.B.T.D. 3060'

Date Completed 10-15-78 Purchaser (Gas) Sunflower Electric



Elev.: Gr. 3635'

DF KB 3642'

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"	23#	249'	Class "H"	275	3% CaCl & 1/4# flocele
Production	7-7/8"	4-1/2"	9.50#	3060'	Class "H" 50/50 Poz	400 150	4.5% pre-hyd gel w. 1/4# flocele 18% salt & 3/4 of 1% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None	--	--	1		2967 - 3001'

TUBING RECORD

Size	Setting depth	Pecker set at
2-3/8"	3015'	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize 500 gal. 15%	2967 - 3001'
Frac 26,300 gal. treated wtr. w/ 13,500# sand	2967 - 3001'

INITIAL PRODUCTION

Date of first production October 15, 1978 Producing method (flowing, pumping, gas lift, etc.) flow

RATE OF PRODUCTION PER 24 HOURS
Oil none Gas 400 MCF Water 5 bbls. Gas-oil ratio

Disposition of gas (vented, used on lease or sold) wait on pipeline connection Producing interval (s) 2967 - 3001'

RECEIVED
2-26-79

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 Memorial 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 **R. C. Banks** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. **1** Lease Name **Mangold** Gas

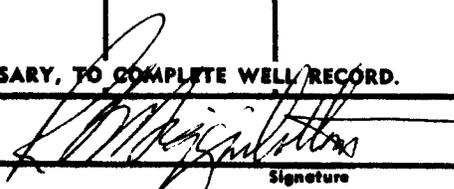
S 9 T 17S R 40

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	250	3041	Welex	GR-ACV
Base Stone Corral		2655		
Upper Winfield	2933	2948		
Towanda	2948	2978		
Upper Fort Riley	2978	3036		
Lower Fort Riley	3036			

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

Date Received	 Signature Petroleum Engineer Title 2/21/79 Date
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