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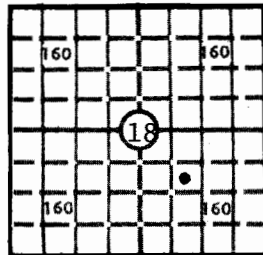
KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BR 18 SE NW SE

API No. 15 — 065 — 21,160
County Number

County Graham

640 Acres
N



Locate well correctly

Elev.: Gr. 2422'

DF 2425' KB 2427'

Operator John O. Farmer, Inc.	
Address P.O. Box 352, Russell, KS 67665	
Well No. #5	Lease Name Klenk
Footage Location 990 feet from (N) line 990 feet from (W) line	
Principal Contractor John O. Farmer, Inc.	Geologist Sam L. Farmer
Spud Date 9-22-80	Total Depth 4020'
	P.B.T.D. 4003'
Date Completed 9-30-80	Oil Purchaser Mobil Oil Corporation

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	212'	Common	165	3% C.C.
Production	7-7/8"	4-1/2"	9-1/2	4018'	50-50 Pozmix	150	10% Salt
			DV Tool	@ 2077'	Halco Light	375	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
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TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	4000	---

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2000 gal. 15% NE	3915-20

INITIAL PRODUCTION

Date of first production November 14, 1980	Producing method (flowing, pumping, gas lift, etc.) Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil 4-1/2 bbls.	Gas ---	Water 20-1/2 bbls.	Gas-oil ratio ---	CFPB ---
Position of gas (vented, used on lease or sold) ---			Producing interval (s) 3915-20		

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 John O. Farmer, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #5	Lease Name Klenk	Oil
S 18 T 9S R 23W ^{EX} 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
Blue Shale	0	212		<u>Log Tops</u>
Sand & Shale	212	1312		
Shale & Sand	1312	1603	Anhydrite	2064 (+363)
Sand	1603	1805	Heebner	3723 (-1296)
Red Bed	1805	2064	Toronto	3749 (-1322)
Anhydrite	2064	2100	Lansing	3766 (-1339)
Shale & Shells	2100	2385	T.D.	4019 (-1592)
Lime & Shale	2385	2550		
Shale & Lime	2550	2995		
Lime & Shale	2995	3280		
Shale & Lime	3280	3435		
Lime & Shale	3435	3845		
Lime	3845	4020		
<p>DST #1 3906-26 Tool open 60-60-90-90; weak blow Rec: 60' gas 120' heavy oil cut mud FP: 20-30 BHP: 110-130</p> <p>DST #2 3940-70 Tool open 45-60-10; weak blow - 45 min. Rec: 25' mud - few specks of oil FP: 60-40 BHP: 1146</p>				

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

Date Received	<i>John O. Farmer III</i> Signature
	Vice-President Title
	December 4, 1980 Date