

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

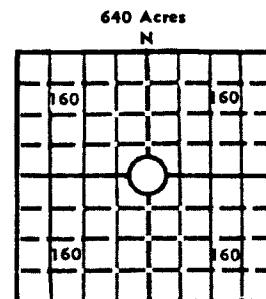
IMPORTANT
Kans. Geo. Survey request
samples on this well.

15-025-20154
3-35-22W

S. 3 T. 35 R. 22 ^KW
Loc. 1320 FSL & Between 2 & 3
County Clark

API No. 15 — 025 — 20,154
County Number

Operator Robert L. Haynie	
Address 715 Midland Savings Building Denver, Colorado 80202	
Well No. #8-2	Lease Name Tuttle
Footage Location 1360' feet from (N) (S) line 35 feet from (E) (W) line of SE $\frac{1}{4}$ Sec. 3	
Principal Contractor Thomas Drilling Co.	Geologist G. W. Speer
Spud Date 9/16/77	Total Depth 5745'
	P.B.T.D. 5725'
Date Completed 11/6/77	Oil Purchaser Gas well



Locate well correctly
Elev.: Gr. 1961'
DF KB 1968'

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
conductor	24"	16"		67'	redimix	5cu.yds	10 sx grout
surface	12 $\frac{1}{4}$ "	8 5/8"	24#	555'	regular	900	
production	7 7/8"	4 $\frac{1}{2}$ "	10.5#	5745'	50/50 Pozmix	150	18% salt, 3/4% CFR2 12.5#/gilsonite per sack

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
	NONE				
TUBING RECORD			3-Total-12	.36" DML	5700-5704
Size 2 3/8"	Setting depth 5714'	Packer set at 5710'KB	3-Total-18	.36" DML	5712-5718

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
750 gal 7 $\frac{1}{2}$ % Mudacid	5700-5704

INITIAL PRODUCTION

Date of first production 11/18/77		Producing method (flowing, pumping, gas lift, etc.) flowing	
RATE OF PRODUCTION PER 24 HOURS	Oil 7 $\frac{1}{2}$ bbls.	Gas 4point 8838 MCF	Water None bbls.
Disposition of gas (vented, used on lease or sold) Shut in		Producing interval(s) Shut in	

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 Robert L. Haynie		DESIGNATION OF COMPLETION: OIL GAS DEPT. HOLE, NO. 3-35-22W	
Well No. #8-2	Lease Name Tuttle	Gas Well	
S 3 T 35 R 22 E 1/4 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
gravel		62'	
red bed		1625'	
shale & lime		1863'	
shale & anhydrite		2214'	
shale		4095'	
shale & lime		4640'	
lime & shale		5740'	
			Heebner 4436'
			Toronto 4468'
			LKEity 4616'
			Oswego 5422'
			Atoka 5623'
			Morrow "A" 5699'
			Morrow "B" 5708'
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	Signature Production Manager Title 12/8/77 Date		