

15-163-20776

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

API No. 15 —————
County _____ Number _____

Operator
John O. Farmer, Inc.

Address
Box 352, Russell, Kansas 67665

Well No. 2 Lease Name COLLINS #2

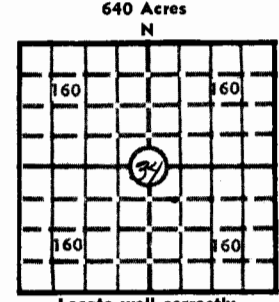
Footage Location
660 feet from (N) (S) line 560 feet from (E) (W) line

Principal Contractor John O. Farmer, Inc. Geologist Sam Farmer

Spud Date 4-1-78 Total Depth 3690' (RTD) P.B.T.D.

Date Completed 4-12-78 Oil Purchaser The Permian Corporation

S. 34 T. 9S R. 18W^E_W
Loc. 100' W of C NW SE
County Rooks



Locate well correctly
Elev.: Gr. 2120'
DF 2123' KB 2125'

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	26	216'	Common	170	
Production	7-7/8	5-1/2	10-1/2	3689'	Common	150	
		DV Tool	at 1480'				

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	SSB Jets	3638' - 3641'
TUBING RECORD			4	SSB Jets	3402' - 3408'
Size 2-1/2"	Setting depth 3660'	Packer set at			3354' - 3358'
					3374' - 3376'

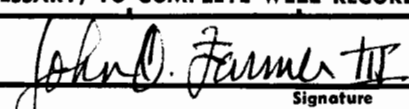
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal. MOD 202 acid	3638' - 3641
Squeezed 150 sx.cement	3638' - 3641
3000 gal. 15% acid	3402' - 3408'
	3354' - 3358'
	3374' - 3376'

INITIAL PRODUCTION

Date of first production 5-28-78	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 12 bbls. Gas 0 MCF Water 20 bbls. Gas-oil ratio 0 CFPB
Disposition of gas (vented, used on lease or sold) 0	Producing interval(s) 3374-3468 Lansing 3638-41 Simpson

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. 2	Lease Name COLLINS #2	Oil	
S <u>34</u> T <u>9S</u> R <u>18W</u> ^E _W			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME DEPTH
Clay and sand	-0-	185	Log Tops:
Blue Shale	185	216	
Shale and Sand	216	960	Anhydrite 1438 (+687)
Sand	960	1160	Heebner 3279 (-1157)
Shale and Shells	1160	1439	Toronto 3298 (-1173)
Anhydrite	1439	1475	Lansing 3321 (-1196)
Shale and Shells	1475	2020	B/KansasCity 3542 (-1417)
Shale and Lime	2020	3295	Conglomerate 3555 (-1430)
Lime and Shale	3295	3330	Simpson 3612 (-1487)
Lime	3330	3630	Arbuckle 3662 (-1537)
Lime and Shale	3630	3675	L.T.D. 3688 (-1563)
Arb	3675	3690	R.T.D. 3690 (-1565)
DST#1 3342-3416		IFP: 31-31 FFP: 31-31	
Tool Open 30-30-60-60; Good blow		BHP: 177-187	
Rec: 525' heavy oil and gas cut mud		DST.#4 3600' to 3630'	
Top Part: 48% gassey oil		Had a miss-run.	
49% mud		DST.#5 3595' to 3630'	
3% water		Miss-run plugged packer	
Middle Part: 47% gassey oil		DST.#6 3610' to 3630'	
49% mud		Miss-run tool plugged	
4% water		IBHP 1068#	
Bottom Part: 30% gassey oil		DST.#7 3609' to 3630'	
65% mud		Miss-run	
5% water		DST.#8 3614' to 3626' (Straddle)	
IFP: 94-147		Tool Open 30-30-60-60; strong blow	
FFP: 187-281		Rec: 126' gas; 93' gassey oil 27' Grav	
BHP: 1089-1058		408' Oil & gas cut muddy water-40%	
DST.#2 3464' to 3495'		oil 40% water 20% mud; 252'	
Tool Open 30-30-60-60; strong blow		muddy water	
Rec: 1030' salt water, few speck oil		IFP: 42-146 FFP: ; 98-301	
IFP: 42-218 FFP: 250-479		BHP: 737-665	
BHP: 851-835			
DST.#3 3500' to 3520'			
Tool Open: 30-30-60-60; weak below			
Rec: 30' heavy oil cut mud			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Vice-President Title May 30, 1978 Date		

LOH00