

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 167 — 21,500
County Number

Operator

John O. Farmer, Inc.

Address

P.O. Box 352, Russell, KS 67665

Well No.

#1

Lease Name

Brungardt

Footage Location

330 feet from (S) line

330 feet from (E) line

Principal Contractor

Shields Drilling Co., Inc.

Geologist

Francis C. Whisler

Spud Date

9-18-80

Date Completed

9-27-80

Total Depth

3315'

P.B.T.D.

3116'

Directional Deviation

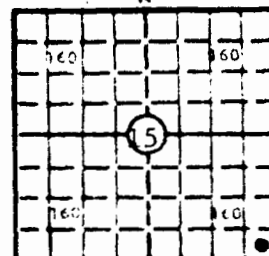
Oil and/or Gas Purchaser

Koch Oil Company

S. 15 T. 13S R. 15W XX
W

Loc. SE SE SE

County Russell

640 Acres
N

Locate well correctly

Elev.: Gr. 1868'

DF 1871' KB 1873'

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	206'	Common	150	3% C.C.
Production	7-7/8"	5-1/2"	15-1/2	3150'	Common	150	10% Salt
			DV Tool @ 949'	50-50 Pozmix	350	6% Gel	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	SSB Jets	3072-76
Size	Setting depth	Pecker set at	4	SSB Jets	3056-60
2-3/8"	3112				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal. 15% NE	3056-60 & 3072-76
(Zones communicated)	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
November 22, 1980		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	55 bbls.	unk. MCF	Trace bbls.	unk. CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
used on lease			3056-60 & 3072-76		

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, 245 No. Water, Wichita, Kansas 67202. 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.

501416

Operator John O. Farmer, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. #1	Lease Name Brungardt	Oil	
S 15 T 13S R 15W ^{EX} _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
Surface Clay	0	50	
Shale	50	210	
Shale & Sand	210	483	Anhydrite
Shale	483	1710	Grandhaven Lime
Shale & Lime	1710	2201	Dry Shale
Lime & Shale	2201	2745	Dover Lime
Lime	2745	3315	Langdon Shale
			Tarkio Lime
			Willard Shale
			Elmont Lime
			Topeka Lime
			Heebner Shale
			Toronto Lime
			Lansing
			B/KC
			Arbuckle
			T.D.
DST #1 2930-58 Tool open 15-60-45-60 - weak to very weak blow Rec: 30' mud IFP: 40-40 IBHP: 1002 FFP: 51-51 FBHP: 940			Log Tops 949 (+924) 2433 (-560) 2442 (-569) 2464 (-591) 2466 (-591) 2504 (-651) 2528 (-655) 2563 (-690) 2758 (-885) 2980 (-1127) 3000 (-1127) 3031 (-1158) 3276 (-1403) 3394 (-1421) 3313 (-1440)
DST #2 3033-66 Tool open 15-60-45-60 - very strong blow Rec: 840' gas 60' gas cut mud 480' gassy, muddy oil IFP: 91-122 IBHP: 745 FFP: 153-344 FBHP: 725			DST #4 3073-3302 Tool open 30-30; weak blow - 5 min. Rec: 5' slightly oil cut mud IFP: 40-50 BHP: 61
DST #3 3064-87 - very strong blow Tool open 15-60-15-60 throughout Gas to surface 2nd opening Rec: 560' muddy gassy oil & clean IFP: 81-102 gassy oil IBHP: 725 FFP: 153-193 FBHP: 694			DST #5 3297-3313 Tool open 15-30-30-30 - strong blow throughout Rec: 540' muddy water IFP: 30-61 IBHP: 987 FFP: 113-195 FBHP: 956
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Vice-President Title December 4, 1980 Date		