

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 - 163 - 21,121 - 0000  
County Number

S. 29 T. 10S R. 19W<sup>XX</sup> W

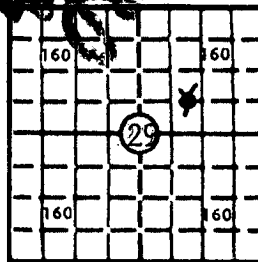
Loc. C/E/2 SW NE

Operator  
Frontier Oil Company

County Rooks  
640 Acres

Address  
1720 Kansas State Bank Bldg., Wichita, Ks 67202

Well No. #1 Lease Name LARGENT (SWD)



Footage Location  
660 feet from ~~XX~~ (S) line 990 feet from ~~XX~~ (W) line

Elev.: Gr. \_\_\_\_\_

DF \_\_\_\_\_ KB 2212'

Principal Contractor Red Tiger Drilling Co. Geologist Richard Parker

Spud Date 7/22/80 Date Completed 3/18/81 Total Depth 3851 P.B.T.D. \_\_\_\_\_

Directional Deviation \_\_\_\_\_ Oil and/or Gas Purchaser Disposal Well

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 3/4"	8 5/8"	24#	248.88	Common	190	2% Gel-3% CC
Production	7 7/8"	4 1/2"	10 1/2#	3773	Common	250	10% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	D.P.	1681'

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	1680	1680'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Squeezed Op Hole w/20 sx Regular Cement	3773-3785
Squeezed 4 1/2" csg w/550 sx Common Cement 5% Gel	1681-Surface

INITIAL PRODUCTION

Date of first production Disposal Well	Producing method (flowing, pumping, gas lift, etc.) n/a
RATE OF PRODUCTION PER 24 HOURS Oil ----- Gas ----- Inj. Rate 54 BPD	Gas-oil ratio ----- CFPB
Disposition of gas (vented, used on lease or sold) n/a	Producing interval (s) n/a

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.

Operator Frontier Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: SWD
Well No. #1	Lease Name Largent	
S29 T10S R19 W Rooks County, Kansas		

**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
Surface Soil, Sand & Rock	0	71		
Shale & Sand Streaks	71	230		
Shale & Sand	230	1000		
Shale	1000	1080		
Sand	1080	1290		
Shale	1290	1614		
Anhydrite	1614	1651		
Shale (Cedar Hills)	1651	2112		
Shale & Lime	2112	2710		
Lime	2710	3775		
RTD		3775		

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

Date Received	<i>George A. Angle</i>
	Signature
	Owner
	Title
	4-13-81
	Date