

ANDERSON-PRICHARD OIL CORPORATION

Geological Well Completion Report

Division: Kansas

Well No.: 1 Frantz

Location: EL WL  
NL SL

NE NE NE

Section 35-308-28

Sumner County, Kansas

FILE	<u>K-8318-A</u>
LEASE	<u>Frantz Lease</u>
POOL OR AREA	<u>Anson Pool</u>
COUNTY	<u>Sumner County, Kansas</u>
STATE	

Commenced: December 31, 1947 Completed: February, 1948

APOC Interest: 50% Partner: Consolidated Gas Utilities Corp.

Operator: APOC Contractor: Carl F. Wakefield

Depth drilled with Rotary: 0-3775' Cable Tools: No deepening

Method of drilling in: Cable tools

Sample Log: 3020-3775' Time Log: 0-3775' Electric Log: 432-3769'

Core Analysis: None Other: Analysis made of gas from Howard Zone in upper Pennsylvanian

Geologist: Ray McAninch & J. G. Miller Elevation: 1332 BB 1334 BB Total Depth: 3775'

Casing: Surface: 10" @ 132' Intermediate: None Oil String: 7" @ 3742'

Stratigraphy:	ACTUAL DEPTH		SUBSEA DEPTH	
	SAMPLES	SCHL.	SAMPLES	SCHL.
<u>Leaving</u>	<u>3093</u>	<u>3082</u>	<u>3751</u>	<u>-1751</u>
<u>Miss. line</u>	<u>3736</u>	<u>3736</u>	<u>2602</u>	<u>2602</u>

IP: 38 BB plus 15% water Flow: Free-Flow Gravity: 60°

Pay (formation and depths): Mississippi line 3749 to approx. 3775'

Structural position: Approximately 20' higher on top of Miss. line than offset dry hole to the east

1 Frantz appears to be near the axis of the pre-Pennsylvanian Anson Pool structure.

Oil or gas showings (formation, depth, quantity of showing) 1915-2015' non-con. 1st show of gas from depleted gas reservoir, Howard Zone of upper Pennsylvanian. Pinhole porosity and spotted oil stain 3110-15' in upper Lansing; this show does not look very good. Pinhole and fine vugular porosity, oil stained to spotted oil stained Lansing 3140-44; this show does not look very attractive. Calcarenite and fine vugular porosity and live oil stain Lansing 3216-30; good looking show. Miss. Lim 3736-75 good gas & oil showing.

Drill stem tests (depths and results): 1915-2015, open 30", slight SG in 20", rec. 120' drill fluid, DST 3094-3166, open 30", Rec. 120' mud and 110' salt water. DST 3204-3232, open 30", Rec. 90' of oil cut mud, 60' of oil cut salt water, and 180' salt water. DST 3738-3775, open 30", SG in 20", increasing in 30", Rec. 15' drilling fluid w/gas bubbles, and 120' of drilling fluid. No cores were cut on this well.  
Testing record (including perforating, acid, shots, etc): 2/5/48 250 gal. acid; 2/7/48 1000 acid; 2/18/48 3000 acid; 5/26/48 1000 gal. acid. A spinner survey of 5/23/48 showed 70% permeability in bottom 14' (3762-75). For detailed description of testing see Production Dept. reports. Natural test before acidizing: 15 GPH and gas at rate of 285,000 CFDD.

Recommendation for further testing, deepening or plugging back prior to abandonment: Perforate and test 3216-24. Possibly perforate and test 3140-44 and 3110-15'.

Reason for drilling: Subsurface high.

Estimated gross cost: \$37,000.00

Estimated APOC Net Cost \$19,500.00

APOC Net Revenue Int.: 50%

Preliminary Est. APOC Net Reserve: 12,000.00

Remarks: Part of the Wichita Office progress and completion reports of #1 Fracts were lost or misfiled, therefore for complete data on same consult Production Department files.

Date January 18, 1949

Prepared by J. C. Condon

All measurements rotary bushing unless otherwise noted.

Report must be filed immediately following potential. Copies of written sample log, time log, electric log, core analyses, etc. should accompany exploration department's copy of report. If all information cannot be placed on form, use additional plain sheets and attach to report.

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