KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

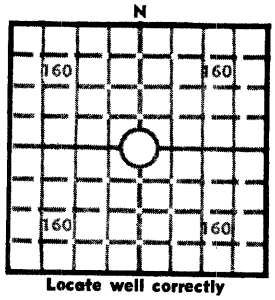
API No. 15 — 163 (County) — 21,460 (Number) -00-00

S. 32 T. 8S R. 19W E/W

Loc. C W/2 W/2 NE/4

County Rooks

640 Acres



Locate well correctly

Elev.: Gr.

DF KB 2,059'

Operator: Frontier Oil Company	
Address: 1720 KSB Building, Wichita, Kansas 67202	
Well No.: 1-A (ICCC ZAP)	Lease Name: Lowry "A"
Footage Location: feet from (N) (S) line	feet from (E) (W) line
Principal Contractor: Red Tiger Drilling Company	Geologist: Richard Parker
Spud Date: 10/14/81	Date Completed: 10/23/81
Total Depth: 3,556'	P.B.T.D.
Directional Deviation	Oil and/or Gas Purchaser

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"	20#	260.71'	Common	180 sx	3% Gel, 2% C.C.

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

RECEIVED
STATE CORPORATION COMMISSION
NOV 2 1981
CONSERVATION DIVISION
Wichita, Kansas
11/2/81

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	
RATE OF PRODUCTION PER 24 HOURS	Oil: bbls.	Gas: MCF
Water: bbls.	Gas-oil ratio: CFPB	
Disposition of gas (vented, used on lease or sold)	Producing interval(s)	

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.

C-10-1972

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Frontier Oil Company	Dry Hole
Well No. 1	**Lease Name** Lowry "A"
S 32 T 8S R 19W E/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	DEPTH
Surface Soil & Rock	0	30		
Shale	30	602		
Sand	602	707		
Shale	707	1232		
Sand & Shale	1232	1344		
Shale	1344	1521		
Anhydrite	1521	1557		
Shale	1557	1969		
Shale & Lime	1969	2738		
Lime & Shale	2738	2941		
Shale & Lime	2941	3039		
Lime	3039	3296		
Lime & Chert	3296	3336		
Lime	3336	3556		
RTD		3556		

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

Date Received

Ann D. Brennan
Signature

Title

Date 10-30-81