

State Geological Survey
**WELL COMPLETION REPORT AND
 DRILLER'S LOG**

S. 5 T. 13S R. 17W ^E/_W
 Loc. C S/2 S/2 N/2

County Ellis

API No. 15 — 051 — 21,797 ✓
 County Number

Operator
 Frontier Oil Company

Address
 1720 KSB&T Building, Wichita, Kansas 67202

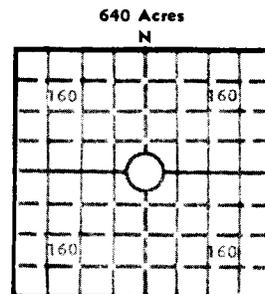
Well No. 1 Lease Name Nuss

Footage Location
2310 FNL 2640 FEL
 feet from (N) (S) line feet from (E) (W) line

Principal Contractor Red Tiger Drilling Company Geologist Richard D. Parker

Spud Date 10/8/79 Date Completed 10/22/79 Total Depth 3,611' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser



Locate well correctly
 Elev.: Gr. 2046
 DF 2048 KB 2,051'

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"	28#	254'	Common	160	2% Ge1, 3% C.C.
Production	7 7/8"	4 1/2"	10.5#	3,605'	Common	275	10% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
150 gal 15% INS	3605-3611

INITIAL PRODUCTION

Date of first production Jan., 1980 Producing method (flowing, pumping, gas lift, etc.) Pump

RATE OF PRODUCTION PER 24 HOURS
 Oil 15 bbls. Gas 0 MCF Water 25 bbls. Gas-oil ratio 0 CFPB

Disposition of gas (vented, used on lease or sold) Producing interval (s) 3605-3611

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.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Operator
Frontier Oil Company

Well No.

1

Lease Name

Nuss

Oil

S 5 T 13 R 17 W 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
Clay	0	40		
Clay & Rock	40	80		
Shale	80	360		
Shale & Sand	360	925		
Red Bed	925	1279		
Anhydrite	1279	1315		
Shale	1315	1670		
Shale & Lime	1670	2018		
Lime & Shale	2018	2985		
Lime	2985	3610		
RTD		3610		

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

Date Received

Doraine G. Starr
Signature

Office Manager

Title

December 4, 1979

Date

56115