

KANSAS

IMPORTANT
As. Geo. Survey request
samples on this well.

RECEIVED
1/15/81

21-2-22W

**WELL COMPLETION REPORT AND
DRILLER'S LOG**

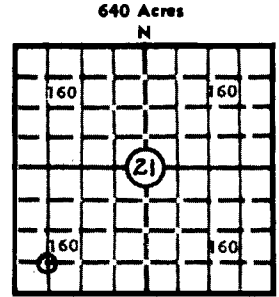
State Geological Survey

API No. 15 — 137 — 20,217
County Number
WICHITA BRANCH

S. 21 T. 2 R. 22 ^W

Loc. SWSW

County Norton



Elev.: Gr. 2233'

DF _____ KB 2238'

Operator
X O Exploration, Inc.

Address
1860 Lincoln Street, Suite 1050 Denver, Colo 80295

Well No. #1 Lease Name
Whitney

Footage Location
660' feet from (S) line 660' feet from (W) line

Principal Contractor Abercrombie Drilling, Inc. Geologist E. Brauch

Spud Date 8/14/81 Date Completed 8/20/81 Total Depth 3695' 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 | | 24 | 223.42 | Common | 165 | 3% cc, 2% gel |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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 |
|----------------------------------|------------------------|
| | |
| | |
| | |

INITIAL PRODUCTION

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) _____

| RATE OF PRODUCTION PER 24 HOURS | Oil | Gas | Water | Gas-oil ratio |
|---------------------------------|-------------|-----------|-------------|---------------|
| | _____ bbls. | _____ MCF | _____ bbls. | _____ 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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator

X O Exploration, Inc.

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

Well No.

#1

Lease Name

Whitney

Dry Hole

S T R 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 |
|--|------|--------|---------------|-------|
| Sand & Shale | 0 | 1770 | R A Guard Log | |
| Shale | 1770 | 1819 | w/SP & Cal. | |
| Anhydrite | 1819 | 1850 | | |
| Shale | 1850 | 2533 | Top Anhydrite | 1819' |
| Shale & Lime | 2533 | 2710 | Heebner | 3304' |
| Shale | 2710 | 3100 | Lansing | 3348' |
| Lime | 3100 | 3695 | B/Kc | 3552' |
| Rotary Total Depth | | 3695 | Arbuckle | 3627' |
| | | | GW | 3648' |
| DST#1 3481-3522, LKc, Misrun | | | | |
| DST#2 3472-3522, LKc, Open 30" SI 45" Open 30" SI 45" Recovered 10' Mud HP 1874-1804 FP 50-50 SIP 349-309 | | | | |
| DST#3 3448-3472 (Straddle LKc) Open 10" SI 30" Open 90" SI 90" Recovered 2' Mud, 66' SW HP 1874-1686 FP 50-70 SIP 1239-1179 | | | | |
| Set 1st plug @ 1490' with 50 sx. Set 2nd plug @ 310' with 50 sx. Set 3rd plug @ 40' with 10 sx. Plug was down 8/20/81. | | | | |

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

Date Received

Robert L. Lang
Signature
EXPLORATION MGR.
Title
9/1/81
Date