

1-1-26W P

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey
WICHITA BRANCH

S. 1 T. 1S R. 26W E
NW SW SE
Loc. _____ SEP
County Decatur

API No. 15 — 039 — 20,517
County Number

Operator
Abercrombie Drilling, Inc.

Address
801 Union Center, Wichita, KS 67202

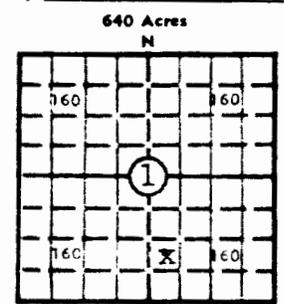
Well No. 2 Lease Name COZAD "C"

Footage Location
990 feet from (N) XX line 2310 feet from (W) Y line

Principal Contractor Abercrombie Drilling, Inc. Geologist Steve Frankamp

Spud Date 8/24/81 Date Completed 9/01/81 Total Depth 3608' P.B.T.D.

Directional Deviation _____ Oil and/or Gas Purchaser _____



Elev.: Gr. 2485'
DF _____ KB 2490'

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" | 20# | 283' | 60-40 pomix | 225 | 3% c.c., 2% gel |
| Production | | 4 1/2" | 10 1/2# | 3606' | Chem. Flush | 25 bbl. | |
| | | | | | 50-50 posmix | 50 | 12 1/2# Gilsinite |
| | | | | | common | 150 | Salt Saturated. |

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 _____ 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.

1-1-26W (

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

Operator: **Abercrombie Drilling, Inc.**

Well No. **2** Lease Name **COZAD "C"**

S 1 T 1 S R 26 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 |
|---|------|--------|------------------------|---------------|
| | | | <u>SAMPLE TOPS</u> | |
| Clay, Sand & Shale | 0 | 258 | Anhydrite | 1975' (+ 515) |
| Sand & Shale | 258 | 1976 | B/Anhydrite | 2005' (+ 485) |
| Anhydrite | 1976 | 2005 | Heebner | 3271' (- 781) |
| Shale | 2005 | 3003 | Toronto | 3306' (- 816) |
| Lime & Shale | 3003 | 3318 | | |
| Lime | 3318 | 3354 | | |
| Lime & Shale | 3354 | 3438 | | |
| Lime | 3438 | 3604 | | |
| Lime | 3604 | 3608 | | |
| Rotary Total Depth | | 3608 | <u>ELEC. LOG TOPS:</u> | |
| | | | Anhydrite | 1977' (+ 513) |
| | | | B/Anhydrite | 2005' (+ 485) |
| | | | Heebner | 3272' (- 782) |
| | | | Lansing | 3306' (- 816) |
| | | | BKC | 3538' (-1048) |
| | | | Reagan Sand | 3608' (-1115) |
| | | | LTD | 3607' (-1117) |
| | | | DTD | 3608' |
| <p>DST #1: (3269' - 3318') 30-45-60-45, Fair Blow. Rec. 30' OCM (30% oil), 155' WCM (25% water, few oil specks), IFP: 51-51#, IBHP: 673#, FFP: 81-81#, FSIP: 632#.</p> <p>DST #2: (3318' - 3354') 30-45-60-45, Wk. Blow throughout. Rec. 5' Clean Oil, 20' MCO (55% oil), 90' SO&MC salt water (2% oil, 53% water, 45% mud), ISIP: 785#, IFP: 71-61#, FFP: 91-91#, FSIP: 744#.</p> <p>DST #3: (3407' - 3438') 30-45-60-45, Strong Blow. Rec. 480' gas in pipe, 535' Clean gassy oil, 20' MCO (55% oil), 85' SOCMW (2% oil, 60% water), ISIP: 673, IFP: 54-152#, FFP: 195-260#, FSIP: 640#.</p> <p>DST #4: (3440' - 3474') 30-45-30-45, Wk. Blow. Rec. 2' mud with few oil specks. IFP: 32-32#, ISIP: 43#, FFP: 32-32#, FSIP: 32#.</p> <p>DST #6: (3585' - 3608') Packer failed.</p> <p>DST #7: (3560' - 3608') 30-45-30-45, Wk. Blow 30", Rec. 40' SOCM (2% Oil), no water. ISIP: 770#, IFP: 43-43#, FSIP: 748#, FFP: 54-54#.</p> | | | | |

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

Date Received

Signature: *Carl J. Pustulka*

Vice President

Title

September 1, 1981

Date