

15-165-20921-0000

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Bldg.
Wichita, Kansas 67202

Form CP-4
Rev. 12-15-80

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit

COUNTY Rush SEC. 19 TWP. 19S RGE. 17W E/W
Location as in quarters or footage from lines:
SW NW NW

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

Locate Well
correctly on above
Section Platt.

Lease Owner Thorton Anderson
Lease Name GRAVER Well No. 1
Office Address 840 1st Nat. Bank Bldg., Wichita, KS 67202
Character of Well (Completed as Oil, Gas or Dry Hole): Dry Hole
Date Well Completed 9/23/81
Application for plugging filed 9/23/81
Plugging commenced 9/23/81
Plugging completed 9/23/81

Reason for abandonment of well or producing formation
No commercial quantity of oil or gas encountered.

Was permission obtained from the Conservation Division or it's
Agent's before plugging was commenced? YES

Name of Conservation Agent who supervised plugging of this well Marion Schmidt
Producing formation _____ Depth to top _____ bottom T.D. 3920'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

Casing Record

| Formation | Content | From | To | Size | Put in | Pulled Out |
|-----------|---------|------|----|------|--------|------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

Set 1st plug @ 660' with 70 sx.
Set 2nd plug @ 240' with 40 sx.
Set 3rd plug @ 40' with 10 sx.
5 sx. in Rathole. 50-50 posmix, 4% gel, 3% c.c.

Plug was down @ 12:00 midnight, 9/23/81

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Abercrombie Drilling, Inc.

STATE OF Kansas COUNTY OF Sedgwick, ss.

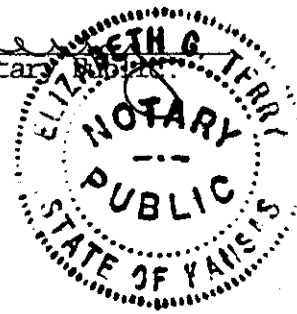
Jack L. Partridge, Vice Pres. (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Jack L. Partridge
801 Union Center, Wichita, KS 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 25th day of September, 19 81

My Commission expires: 7-13-85

Elizabeth G. Terry
Elizabeth G. Terry Notary Public
RECEIVED
STATE CORPORATION COMMISSION
10-8-81
OCT 8 1981
CONSERVATION DIVISION
Wichita, Kansas



KANSAS

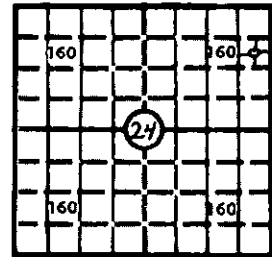
WELL COMPLETION REPORT AND DRILLER'S LOG

S. 24 T. 19 R. 18 E

Loc. C SE NE NE

County Rush

640 Acres N



Locate well correctly

Elev.: Gr. 2117

DF _____ KB 2122

API No. 15 — 165 — 20,921-0000
County Number

Operator
Thornton E. Anderson

Address
Suite 840, First National Bank Bldg.

Well No. 1 Lease Name Graver

Footage Location 990 feet from (N) line 330 feet from (E) line

Principal Contractor Geologist
Abercrombie Drilling, Inc. Ray Goodin

Spud Date Date Completed Total Depth P.B.T.D.
9-17-81 9-24-81 3920

Directional Deviation Oil and/or Gas Purchaser
D & A

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# | 259' | Common | 165 | 2% Gel 3% CaCl |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

| Size | Setting depth | Packer set at |
|------|---------------|---------------|
| | | |
| | | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| | |
| | |
| | |

RECEIVED
STATE CORPORATION COMMISSION
SEP 28 1981
9-28-81
CONSERVATION DIVISION
Wichita, Kansas

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 | CFPB |
| | bbls. | bbls. | MCF | bbls. | |
| Disposition of gas (vented, used on lease or sold) | | | Producing interval (s) | | |
| | | | D & A | | |

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.

Operator

Thornton E. Anderson

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

Well No.

1

Lease Name

Graver

S 24 T 19 R 18 ^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 |
|---------------------------------------|-----|--------|--------------|-------|
| No DST'S | | | Log Tops: | |
| | | | Heebner | 3470 |
| | | | Toronto | 3489 |
| | | | Lansing | 3521 |
| | | | BKC | 3801 |
| | | | Conglomerate | 3894 |
| | | | Arbuckle | 3911 |

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

Date Received

Frank S. Mize
 Frank S. Mize ^{Signature}
 Geologist

Title

9/24/81

Date

CONTRACTORS WELL LOG

OPERATOR: Thorton Anderson
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: GRAVER #1
 LOCATION: SW NW NW, Sec. 19-19S-17W
 Rush County, Kansas
 SPUD DATE: 9/17/81
 COMPLETION DATE: 9/18/81

| | | |
|------|------|--------------------|
| 0 | 259 | Clay & Sand |
| 259 | 1211 | Sand & Shale |
| 1211 | 1244 | Anhydrite |
| 1244 | 2049 | Sand & Shale |
| 2049 | 2351 | Shale & Sand |
| 2351 | 2590 | Sand & Shale |
| 2590 | 2839 | Shale & Red Beds |
| 2839 | 3023 | Shale & Sand |
| 3023 | 3701 | Shale & Lime |
| 3701 | 3900 | Lime & Shale |
| 3900 | 3920 | Shale & Lime |
| | 3920 | Rotary Total Depth |

Spud hole @ 7:30 p.m., 9/17/81. Drilled 259' of a 12½" hole. Ran 6 joints of 8 5/8" 20# casing set @ 254.91' and cemented with 165 sx. Common 2% gel, 3% c.c. Cement did circulate. Plug was down @ 7:00 a.m., 9/18/81.

3920' TD. Set 1st plug @ 660' with 70 sx. Set 2nd plug @ 240' with 40 sx. Set 3rd plug @ 40' Solid Bridge with 10 sx. 5 sx. in Rathole. 50-50 posmix, 4% gel, 3% c.c. Plug was down @ 12:00 midnight, 9/23/81.

SAMPLE TOPS:

Anhydrite 1211'
 B/Anhydrite 1264'

STATE OF KANSAS)
) SS
 COUNTY OF SEDGWICK)

Jack L. Partridge, Vice President of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the GRAVER #1, SW NW NW, Sec. 19-19S-17W, Rush County, Kansas.

ABERCROMBIE DRILLING, INC.

BY: Jack L. Partridge
 Jack L. Partridge, Vice Pres.

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 6th day of October, 1981.

my commission expires 7-13-85

Elizabeth G. Terry
 Elizabeth G. Terry
 RECEIVED PUBLIC
 STATE CORPORATION COMMISSION
 OCT 8 1981
 10-8-81
 CONSERVATION DIVISION
 Wichita, Kansas

