

15-101-20217-00-00

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

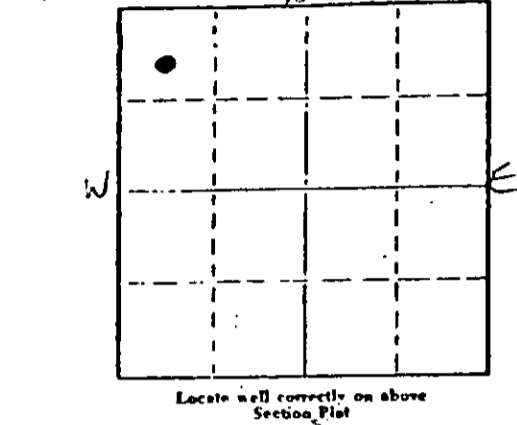
Lane _____ County. Sec. 35 Twp. 16S Rge. 28W E/W
Location as "NE/CNW/SW" or footage from lines _____
NW NW

Lease Owner Abercrombie Drilling, Inc
Lease Name TERWILLIGER Well No. 1
Office Address 801 Union Center, Wichita, Ks. 67202
Character of Well (Completed as Oil, Gas or Dry Hole) _____
Dry Hole

Date Well completed 3-21 1977
Application for plugging filed (Verbally) 3-21 1977
Application for plugging approved (Verbally) 3-21 1977
Plugging commenced 3-21 1977
Plugging completed 3-21 1977

Reason for abandonment of well or producing formation _____
No commercial quantity of oil or gas encountered
If a producing well is abandoned, date of last production _____
19 _____

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes



Name of Conservation Agent who supervised plugging of this well Gilbert Balthazor
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well _____
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.

RTD 4795'
Set 1st plug at 850' with 70 sx.,
2nd plug at 275' with 20 sx.,
3rd plug at 40' with 10 sx.

Cemented with 50/50 posmix, 6% gel. 4-6-77
Plug was down at 2:15 p.m. 3-21-77.
State Plugger - Gilbert Balthazor.

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Abercrombie Drilling, Inc.

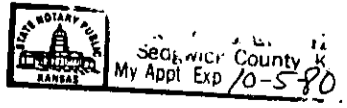
STATE OF Kansas COUNTY OF Sedgwick ss.
Jack L. Partridge, Asst. Sec.-Treas. (employee of owner) or (owner or operator) of the above-described

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, Kansas 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 29th day of March 19 77

My commission expires _____
Kathy S. Goertz
Kathy S. Goertz Notary Public.



KANSAS DRILLERS LOG

API No. 15 — 101 — 20217-00-00
 County Number

S. 35 T. 16S R. 28W
 W

Loc. NW NW

County Lane

Operator
Abercrombie Drilling, Inc.

Address
801 Union Center, Wichita, Kansas 67202

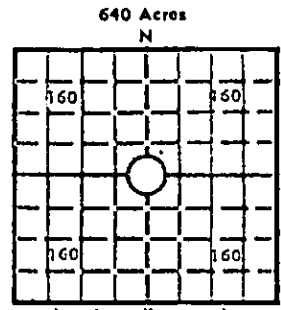
Well No. 1 Lease Name TERWILLIGER

Footage Location
 feet from (N) (S) line feet from (E) (W) line

Principal Contractor Abercrombie Drilling, Inc. Geologist Orlin Phelps

Spud Date 3-09-77 Total Depth 4795' P.B.T.D.

Date Completed 3-21-77 Oil Purchaser



Elev.: Gr. 2745'

DF 2748' KB 2750'

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" | | 279.61' | Common | 175 sx. | 2% gel, 3% Ca. Cl. |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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

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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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 | | DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: |
| Well No. 1 | Lease Name TERWILLIGER | Dry Hole |
| S 35 T 16 R 28 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, Clay & Sand | 0 | 250 | <u>SAMPLE TOPS:</u> | |
| Shale | 250 | 285 | | |
| Shale & Sand | 285 | 2027 | Anhydrite | 2158' (+592) |
| Shale & Shells | 2027 | 2158 | B/Anhydrite | 2209' (+541) |
| Anhydrite | 2158 | 2209 | Heebner | 3962' (-1212) |
| Shale & Lime | 2209 | 2720 | Toronto | 3981' (-1231) |
| Lime & Shale | 2720 | 3195 | Lansing | 4000' (-1250) |
| Shale & Lime | 3195 | 3740 | Stark Shale | 4254' (-1504) |
| Lime & Shale | 3740 | 4090 | Mississippian | 4689' (-1939) |
| Lime | 4090 | 4192 | Fort Scott | 4505 (-1754) |
| Lime & Shale | 4192 | 4285 | | |
| Lime | 4285 | 4673 | <u>ELECTRIC LOG TOPS:</u> | |
| Sand | 4673 | 4712 | | |
| Lime | 4712 | 4795 | Anhydrite | 2159' (+591) |
| Rotary Total Depth | | 4795 | Heebner | 3960' (-1210) |
| | | | Lansing | 4003' (-1253) |
| | | | Fort Scott | 4498' (-1748) |
| | | | Cherokee | 4521' (-1771) |
| | | | Conglomerate | 4574' (-1824) |
| | | | Congl. Sand | 4631' (-1881) |
| | | | Mississippian | 4686' (-1936) |
| | | | RTD | 4795' (-2045) |
| | | | ELTD | 4791' (-2041) |

DST #1 (4261-4285') 30", 60", 90", 60".
 Rec. 770' very slightly oil spotted sw.
 IFP 21-127, IBHP 1172, FFP 148-371, FBHP 1141.
 Temp. 121°.

DST #2 (4324-4380') 30", 60", 30", 60".
 Weak blow for 35". Rec. 40' mud. IBP 84,
 FFP 42-53, FBHP 63.

DST #3 (4392-4485') 30", 45", 30", 45".
 Weak blow for 36 minutes. Rec. 40' mud with oil
 specks in tools. ISIP 392, FFP 63-74, FSIP 116.

DST #4 (4490-4532') 30", 60", 90", 60".
 Weak blow throughout test. Rec. 40' gip,
 80' vsocm. IFP 21-42, ISIP 1097, FFP 53-63, FSIP 913.
 Temp. 126°.

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

| | |
|---------------|---|
| Date Received | <p align="center"><i>Jack L. Partridge</i> Jack L. Partridge Signature Assistant Secretary-Treasurer Title March 29, 1977 Date</p> |
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