

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

WELL PLUGGING RECORD
 K.A.R.-82-3-117

API NUMBER 15-095-21,067-0000

LEASE NAME Sale

WELL NUMBER 1

SPOT LOCATION SE SW SE

SEC. 11 TWP. 27 RGE. 10 (X) or (W)

COUNTY Kingman

Date Well Completed 4/24/81

Plugging Commenced 8/27/84

Plugging Completed 8/29/84

TYPE OR PRINT
 NOTICE: Fill out completely
 and return to Cons. Div.
 office within 30 days.

LEASE OPERATOR Energy Production, Inc.

ADDRESS 1100 Bitting Bldg., Wichita, Kansas 67202

PHONE # (316) 264-6963 OPERATORS LICENSE NO. 5016

Character of Well Oil
 (Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? Yes

Which KCC/KDHE Joint Office did you notify? Kingman (Steve Van Giesen)

Is ACO-1 filed? Yes If not, is well log attached? _____

Producing formation Mississippi Chert Depth to top 4,020' bottom 4,071' T.D. 4,291'

Show depth and thickness of all water, oil and gas formations. PBTD 4,260'

OIL, GAS OR WATER RECORDS

CASING RECORD

| Formation | Content | From | To | Size | Put in | Pulled out |
|-------------|---------|-------|------|--------|---------|------------|
| Congl. Sand | Gas | 4,006 | 4020 | 8 5/8" | 247.27' | None |
| Miss. Chert | Oil | 4,020 | 4071 | 4 1/2" | 4,282' | 3,423' |
| | | | | | | |
| | | | | | | |

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 hole. If cement or other plugs were used state, the character of same and depth placed, from feet to feet each set.

P.B. w/sand 4260' to 3895' - Dump 4 sacks cement - 3895 to 3860'
Cut off 4 1/2" casing @ 3,423' - Pulled 3,423' - Pump Hulls, gel, 125 sacks Class A Cement
down 8 5/8" casing - shut in w/300#

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

Name of Plugging Contractor Gressel Corporation License No. 5822

Address Box 322, Haysville, Kansas 67060

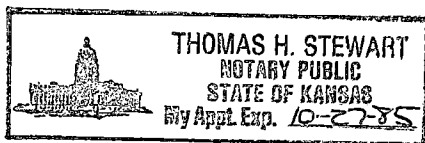
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STATE OF Kansas COUNTY OF Sedgwick, ss.

NOV 01 1984

James M. Stewart (employee of operator) or
 (operator) of 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 that the same are true and correct, so help me God.

(Signature) [Signature]
 (Address) 1100 Bitting Bldg., Wichita, KS



SUBSCRIBED AND SWORN TO before me this 31st day of October, 19 84

[Signature]
 Notary Public

My Commission expires: October 27, 1985

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

S. 11 T. 27 R. 10 E W

Loc. SE/4 SW/4 SE/4

API No. 15 — 095 — 21,067 — 0000
County Number

County Kingman

Operator Energy Production, Inc.

Address 604 One Main Place, Wichita, Kansas 67202

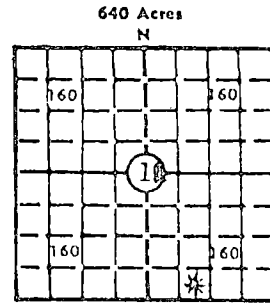
Well No. 1 Lease Name Sale

Footage Location 330 foot from (W) (S) line 1,650 foot from (E) (W) line

Principal Contractor Graves Drilling Co., Inc. Geologist Stephen M. Kreidler

Spud Date 3-19-81 Date Completed 4-24-81 Total Depth 4,291' P.B.Y.D. 4,270'

Directional Deviation 3/4° Oil and/or Gas Purchaser Central States



Elev.: Gr. 1,746

DF KB 1,757

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 | 259' | Common | 235 | 2% gel, 3% CC |
| Production | 7 7/8" | 4 1/2" | 10 1/2 | 4,282' | Reg. Poz. | 125 | 18% Salt, .75% CFR-2 |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| | | | 2 | DP Jet | 4,026-4,035 |

| Size | Setting depth | Packer set at |
|------------|---------------|---------------|
| 2 3/8" EUE | 4,032 | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|---|------------------------|
| 500 gal 10% MCA, 20,000# 20/40 sand + 6000# 10/20 sand -- | 4026-4035 |
| 691 Bbl. load | |

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INITIAL PRODUCTION

| | | |
|---|---|--|
| Date of first production 4-24-81 | Producing method (flowing, pumping, gas lift, etc.) Flowing | CONSERVATION DIVISION Wichita, Kansas |
| RATE OF PRODUCTION PER 24 HOURS | Oil — bbls. Gas 773 MCF Water — bbls. Gas-oil ratio | CFPB |
| Disposition of gas (vented, used on lease or sold) Vented on test | Producing interval (s) 4,026 - 4,035 | |

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.

No. 1

Lease Name Sale

15-095-21067-0000

S 11 T 27 R 10 ^{EX}
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 |
|---|-------|--------|----------------|---------------|
| <p><u>DST #1:</u> 30-30-30-30; fair blow throughout. Rec. 65' Watery Mud; IFP 40-40#; FFP 54-54#; ISIP 177#; FSIP 232#; BHT 98°.</p> | 1,585 | 1,650 | Herrington | 1,592 (+ 165) |
| | | | Winfield | 1,650 (+ 107) |
| | | | Towanda | 1,715 (+ 42) |
| | | | B/Flor. | 1,851 (- 94) |
| | | | Cottonwood | 2,109 (- 353) |
| | | | Neva | 2,152 (- 395) |
| <p><u>DST #2:</u> 30-30-30-30; Weak blow died in 6" first opening; flushed tool - no help; rec. 75' v. sl. OCM. IFP 32-21#; ISIP 1119#; FFP 54-43#; FSIP 1034#; BHT 114°.</p> | 3,543 | 3,566 | Red Eagle | 2,238 (- 481) |
| | | | Indian Cave | 2,378 (- 621) |
| | | | Wabaunsee | 2,421 (- 664) |
| | | | Stotler | 2,570 (- 813) |
| | | | Tarkio | 2,648 (- 891) |
| | | | Howard | 2,821 (-1064) |
| <p><u>DST #3:</u> 30-45-60-90; GTS 2" first opening. 527 MCFD/10", 654/20", 709/30". Second opening: 709 MCFD/10", 709/30", 709/40", 764/50", 764/60". IFP 146-167; FFP 167-188; ISR 1358; FSIP 1348.</p> | 3,998 | 4,015 | Topeka | 2,960 (-1203) |
| | | | Heebner | 3,316 (-1559) |
| | | | Brown Lime | 3,490 (-1733) |
| | | | Lansing | 3,501 (-1744) |
| | | | B/KC | 3,889 (-2132) |
| | | | Congl. Sand | 4,006 (-2249) |
| <p><u>DST #4:</u> 30-45-60-90. Strong blow throughout both openings. Rec. 240' gas in pipe, 20' SOCM, 60' OCM (2% gas, 9% oil, 2% Wtr., 87% mud) 60' O & GCWM (29% gas, 16% oil, 19% Wtr., 36% mud) (Water 24,000 PPM chlorides) IFP 38-38; FFP 51-63; ISIP 882; FSIP 1099.</p> | 4,018 | 4,035 | Miss. Chert | 4,020 (-2263) |
| | | | Miss. Lime | 4,071 (-2314) |
| | | | Kinderhook | 4,090 (-2333) |
| | | | Viola | 4,284 (-2527) |
| | | | Log TD | 4,285 (-2528) |
| | | | RTD (Logging) | 4,288 (-2531) |
| <p><u>DST #5:</u> 30-45-90-120. Strong blow decr. to v. wk. blow. Rec. 75' O & GCWM (3% gas, 7% oil, 10% Wtr., 80% mud), 60' O & GCWM (3% gas, 6% oil, 45% Wtr., 46% mud). (Water 49,000 PPM chlorides). IFP 52-52; FFP 83-83; ISIP 989; FSIP 1092.</p> | 4,035 | 4,060 | RTD (Ultimate) | 4,291 (-2534) |
| | | | | |
| <p><u>DST #6:</u> 30-45-30-30. Weak blow died end of first opening; no blow second opening. Rec. 75' mud--no show. IFP 63-52; FFP 63-63; ISIP 1123; FSIP 1165.</p> | 4,282 | 4,288 | | |

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

Date Received

James M. Stover
Signature
CONSERVATION DIVISION
Wichita, Kansas

President

Title

June 26, 1981
Date