

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

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

API NUMBER 15-175-20,496-0000

LEASE NAME Felan

WELL NUMBER 1

SPOT LOCATION CNW

SEC. 31 TWP. 31 SRGE. 31 (X) or (W)

COUNTY Seward

Date Well Completed 11/13/80

Plugging Commenced 8/25/84

Plugging Completed 8/31/84

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

LEASE OPERATOR Kimbark Oil & Gas Company

ADDRESS 1580 Lincoln St. #700 Denver, CO 80203

PHONE # (303) 839-5504 OPERATORS LICENSE NO. 5219

Character of Well Gas
(Oil, Gas, D&A, SMD, 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? Dodge City

Is ACO-1 filed? No If not, is well log attached? Yes

Producing formation _____ Depth to top _____ bottom _____ T.D. _____

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 |
|-----------|---------|------|----|--------|--------|------------|
| | | | | 8-5/8" | 690 | none |
| | | | | 4-1/2" | 2802 | 2215' |
| | | | | | | |

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. Type 1 cement

- 25' sx fr 2790-2465'
- 35' sx fr 1680-1225'
- 40' sx fr 740-220'
- 10' sx fr 40-surface Cut surf 3' below GL, weld on plate

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

Name of Plugging Contractor Arapahoe Well Svc. License No. 5476
Address 535 N. Oliver Tag #1464
Wichita, KS 67208

STATE OF Colorado COUNTY OF Denver, ss.

RECEIVED
STATE CORPORATION COMMISS

C. A. Hansen (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.

OCT 01 1984

CONSERVATION DIVISION
Wichita, Kansas

(Signature) C. A. Hansen

(Address) 1580 Lincoln St. #700

Denver, CO 80203

SUBSCRIBED AND SWORN TO before me this 19th day of Sept., 19 84

Christine Pickart
Notary Public



My Commission Expires: September 15, 1986

KANSAS

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

WELL COMPLETION REPORT AND
DRILLER'S LOG

S. 31 T. 31S R. 31 E

Loc. CNW

County Seward

API No. 15 — 175 — 20,496 — 0000
County Number

Operator Rincon Operating Company

Address 1580 Lincoln St. Suite #700, Denver, CO 80203

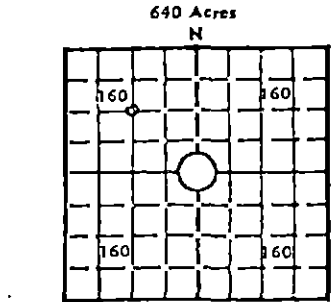
Well No. #1 Lease Name Felan

Footage Location 1320 feet from (N) (S) line 1320 feet from (E) (W) line

Principal Contractor Deflac Geologist

Spud Date 10/18/80 Date Completed 11/13/80 Total Depth 2790 P.B.T.D. 2756

Directional Deviation Oil and/or Gas Purchaser Northern Natural Gas



Elev.: Gr. 2832

DF _____ KB 2842

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 csg | 12 1/4" | 8 5/8" | 24 | 694' | 60/40 Poz & Reg. | 200 & 200 | 2% CaCl2 |
| Production csg | 7 7/8" | 4 1/2" | 10.5 | 2788' | 50/50 Poz | 150 | |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| | | | 4 JSPF | 3 1/8" Jet | 2658' to 2664' |

| Size | Setting depth | Packer set at |
|--------|---------------|---------------|
| 2 3/8" | 2682 | ---- |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 750 gals. 15% HCl | 2658' to 2664' |
| 40,000# 10/20/sd | 2658' to 2664' |
| | |

INITIAL PRODUCTION

| | | | | |
|---|---|----------------|---|-----------------------|
| Date of first production <u>11/13/80</u> | Producing method (flowing, pumping, gas lift, etc.) | | | |
| RATE OF PRODUCTION PER 24 HOURS | Oil --- | Gas 461 MCF | Water ---- | Gas-oil ratio CFPB |
| Disposition of gas (vented, used on lease or sold) <u>To be Sold</u> | | | Producing Interval (s) <u>2658' to 2664'</u> | |

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 | | DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: |
| Well No. 1 | Lease Name Felan | Gas |
| 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 |
|---------------------------------------|------|--------|------|-------|
| Surface Sand | 0 | 36 | | |
| Red Bed | 36 | 695 | | |
| Anhydrite | 695 | 1350 | | |
| Shale, Anhydrite | 1350 | 2188 | | |
| Shale | 2188 | 2225 | | |
| Lime, Shale | 2225 | 2790 | | |

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

| | |
|---------------|--|
| Date Received |  |
| | Signature |
| | Agent |
| | Title |
| | 11/19/80 |
| | Date |

WELL LOG

15-175-20496-0000

COMPANY Rincon Operating Co.

SEC. 31 T. 31S R. 31W

FARM Felan

NO. 1

LOC. C NW

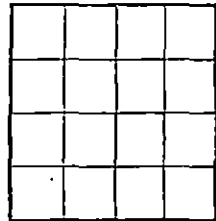
TOTAL DEPTH 2790 RTD

COUNTY Seward

COMM. 10-18-80

COMP. 10-22-80

CONTRACTOR DaMac Drilling Inc.



CASING 8 5/8 set @ 690'

ELEVATION

PRODUCTION 4 1/2 set @ 2788

FIGURES INDICATE BOTTOM OF FORMATIONS

| | | |
|------------------|------|----------|
| Surface Sand | 0 | 36 |
| RedBed | 36 | 695 |
| Anhydrite | 695 | 1350 |
| Shale, Anhydrite | 1350 | 2188 |
| Shale | 2188 | 2225 |
| Lime, Shale | 2225 | 2790 RTD |

RECEIVED
STATE OROGRAPHY COMMISSION

FEB 9 1983

CONSERVATION DIVISION
Wichita Kansas

State of Kansas }
County of Barton } 83

I, Martha J. McKown of DaMac Drilling Inc.

upon oath state the above and foregoing is a true and correct copy of the log of the Felan No. 1 well.

Martha J. McKown

Subscribed and sworn to before me this 23rd day of October 19 80

My Commission Expires: _____

Vada L. Sullivan
NOTARY PUBLIC

