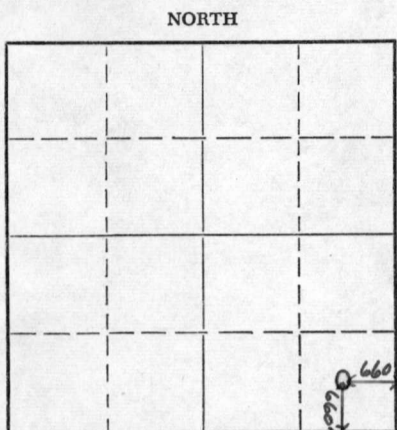


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Biting Building
Wichita, Kansas



Seward County. Sec. 13 Twp. 34 Rge. 31 (E) W (W)
Location as "NE/CNW/SW" or footage from lines center of SE 1/4 of SE 1/4
Lease Owner Columbian Fuel Corporation
Lease Name Nilie Keating Well No. B-1
Office Address Drawer 31, Liberal, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry hole
Date well completed March 23, 1954
Application for plugging filed March 23, 1954
Application for plugging approved by phone (M.A. Rives) March 23, 1954
Plugging commenced March 24, 1954
Plugging completed March 24, 1954
Reason for abandonment of well or producing formation Dry

If a producing well is abandoned, date of last production None 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 M. A. Rives
Producing formation None Depth to top Bottom Total Depth of Well 5960 Feet
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 |
|-----------|---------|------|----|---------|--------|------------|
| None | | | | 13 3/8" | 613' | None |
| | | | | 9 5/8" | 2524' | None |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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 for each plug set.

5960' to 550' - Filled with 9.4#, 57 vis. mud
550' to 462' - Cement plug (35 sks cement)
462' to 38' - Filled with 9.4#, 57 vis. mud
38' to 0' - Cement plug (15 sks cement)

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor done by company, (Columbian Fuel Corp.)
Address Drawer 31, Liberal, Kansas

STATE OF Kansas, COUNTY OF Seward, ss.
I, Robert Grady, (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) Robert Grady
Robert Grady, Superintendent
Drawer 31, Liberal, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 25th day of March, 1954

Wallace B. Pedigo
Wallace B. Pedigo Notary Public.

My commission expires June 4, 1955

PLUGGING
FILE SEC 13 T 34 R 31W
BOOK PAGE 22 LINE 35

RECEIVED
STATE CORPORATION COMMISSION
MAR 26 1954
CONSERVATION DIVISION
Wichita, Kansas

NILIE C. KEATING B-1
C SE SE, SECTION 13-34S-31W
SEWARD COUNTY, KANSAS
COLUMBIAN FUEL CORPORATION

CASING RECORD:

SET 13-3/8" csg. @ 613' w/500 sx.
 SET 9-5/8" csg. @ 2524' w/800 sx.

COMMENCED: 2/13/54
 COMPLETED: 3/24/54
 RESULT: D&A

| | | |
|-------------------------------|------|------|
| SAND | 0 | 70 |
| SAND ROCK | 70 | 520 |
| RED BED | 520 | 800 |
| SAND, SHELLS, SHALE | 800 | 1100 |
| SHALE, SAND, LIME, SHELLS | 1100 | 1300 |
| LIME, SHELLS, ANHYDRITE, SALT | 1300 | 1450 |
| LIME, SHALE, ANHYDRITE | 1450 | 1815 |
| ANHYDRITE, SHALE | 1815 | 1931 |
| ANHYDRITE | 1931 | 2416 |
| ANHYDRITE, SHALE | 2416 | 2476 |
| ANHYDRITE | 2476 | 2525 |
| LIME | 2525 | 3119 |
| LIME, SHALE | 3119 | 3204 |
| LIME CHALKY | 3204 | 3217 |
| LIME | 3217 | 3294 |
| LIME, SHALE | 3294 | 3395 |
| LIME | 3395 | 3522 |
| SHALE, LIME | 3522 | 3650 |
| LIME | 3650 | 3805 |
| SHALE | 3805 | 3835 |
| SHALE, LIME | 3835 | 4335 |
| LIME | 4335 | 4420 |
| LIME, SHALE | 4420 | 4510 |
| LIME | 4510 | 4547 |
| LIME CHALKY | 4547 | 4588 |
| LIME | 4588 | 4638 |
| LIME, SHALE | 4638 | 4705 |
| CHERTY LIME, SHALE | 4705 | 4749 |
| LIME, SHALE | 4749 | 4797 |
| LIME | 4797 | 4835 |
| LIME, SHALE | 4835 | 4997 |
| LIME | 4997 | 5004 |
| LIME, SHALE | 5004 | 5093 |
| LIME | 5093 | 5137 |
| LIME, SHALE | 5137 | 5180 |
| LIME | 5180 | 5285 |
| LIME, SHALE | 5285 | 5365 |
| LIME | 5365 | 5490 |
| LIME, SHALE | 5490 | 5570 |
| LIME CHERTY | 5570 | 5609 |
| LIME, SHALE | 5609 | 5717 |
| LIME | 5717 | 5805 |
| LIME, SHALE | 5805 | 5885 |
| LIME | 5885 | 5960 |

TOTAL DEPTH 5960

STATE OF OKLAHOMA)
) SS
 COUNTY OF TULSA)

I HEREBY AFFIRM THAT THE ABOVE AND FOREGOING IS A TRUE AND CORRECT COPY OF THE LOG OF THE NILIE C. KEATING WELL No. B-1, LOCATED IN THE CENTER OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 13, TOWNSHIP 34 SOUTH, RANGE 31 WEST, SEWARD COUNTY, KANSAS.

HELMERICH & PAYNE, INC.

[Signature]

 VICE PRESIDENT

SUBSCRIBED AND SWORN TO BEFORE ME A NOTARY PUBLIC THIS 1ST DAY OF APRIL, 1954.

PLUGGING
 FILE SEC 13, 34, 31W
 BOOK PAGE 22, LINE 35

[Signature]

 STATE CORPORATION COMMISSION NOTARY PUBLIC

APR 7 1954

MY COMMISSION EXPIRES JULY 22, 1955.

CONSERVATION DIVISION
 Wichita, Kansas

LOG OF WELL

CODE GW 2065 Columbian Fuel Corp SHEET _____
(COMPANY)
 STATE Kansas DISTRICT 72 COUNTY Seward
 LEASE Nilie C. Keating WELL NO. B-1 SEC. 13 TWP. 34 R. 31
 DATE OF LOG 4-3-54 LOCATION IN SEC. 660' From East & 660' From South Line
 LOCATION MADE 2-2-54 COMM. RIGGING UP 2-12-54 COMM. DRILLING 2-13-54 COMP. DRILLING 3-24-54
 TOTAL DEPTH 5960' ELEVATION 2556.5' Ground STATE PERMIT NO. _____
 DAY DRILLER _____ NIGHT DRILLER _____ CONTRACTOR _____
 CABLE TOOLS FROM _____ TO _____ ROTARY TOOLS FROM 0 TO 5960'
 OPEN FLOW CAPACITY _____ M. CU. FT. ROCK PRESSURE _____ GASOLINE CONTENT _____
PER M. CU. FT.
 DEPTH IN SAND Thru PRODUCING SANDS AND THICKNESS OF EACH None
 PRODUCTION FIRST 24 HOURS _____ SETTLED PRODUCTION _____ STARTED PRODUCTION _____
 DATE TUBED _____ SYPHON SET _____ SIZE _____ FEET _____

CASING RECORD

| SIZE | WEIGHT | PUT IN WELL | | PULLED OUT | | LEFT IN WELL | | SHOES | | PACKERS | | |
|---------|--------|-------------|-----|------------|-----|--------------|-----|--------|------|---------|--------|--------|
| | | FEET | IN. | FEET | IN. | FEET | IN. | LENGTH | MAKE | KIND | LENGTH | SET AT |
| 13 3/8" | 48# | 613' | | | | 613' | | | | | | |
| 9 5/8" | 36# | 2524' | | | | 2524' | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

LINER: STATE SIZE AND WEIGHT _____ WHERE SET _____ FT. AND INS. BLANK _____ FT. AND INS. PERFORATED _____
 HOW PUT TOGETHER _____ COUPLING _____ FLUSH-JOINT _____ INSERTED _____
 REMARKS _____

EQUIPMENT RECORD

| TUBING | | | | SUCKER RODS | | | PUMPING OUTFIT |
|--------|--------|------|-----|-------------|-----|---------------|-------------------------------|
| SIZE | WEIGHT | FEET | IN. | FEET | IN. | SIZE AND KIND | DESCRIPTION, KIND, SIZE, ETC. |
| | | | | | | | |
| | | | | | | | |

KIND OF SHOT _____ SIZE OF SHOT QUARTS _____ NUMBER OF SHOTS _____
 NUMBER OF SHELLS _____ SIZE OF SHELLS _____ INCHES, DIAMETER _____
 LENGTH OF SHELLS _____ FT. _____ INS. SHOT FURNISHED BY _____ TOP OF SHOT _____
 BOTTOM OF SHOT _____ ANCHOR _____ WELL BRIDGED TO _____
 PRODUCTION BEFORE SHOT _____ PRODUCTION AFTER SHOT _____
 NAME OF SHOOTER _____ SHOT INSPECTED _____ BY _____
(COMPANY EMPLOYEE)
 COMMENCED DRILLING DEEPER _____ COMPLETED DRILLING DEEPER _____
 TOTAL DEPTH _____ PRODUCTION FIRST 24 HOURS _____ SETTLED PRODUCTION _____

REMARKS: Non Productive..Dry & Abandoned..Plugging Completed 3-24-54

PLUGGING
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 STATE CORPORATION COMMISSION
 APR 7 1954

NOTE: IF WELL WAS DRY, STATE UNDER REMARKS, WHEN, HOW, AND BY WHOM PLUGGED.
 STATE UNDER REMARKS ANYTHING OF INTEREST NOT COVERED IN LOG.
 IF SPACE PROVIDED FOR REMARKS IS NOT SUFFICIENT WRITE ON BOTTOM OF LAST SHEET OF LOG.