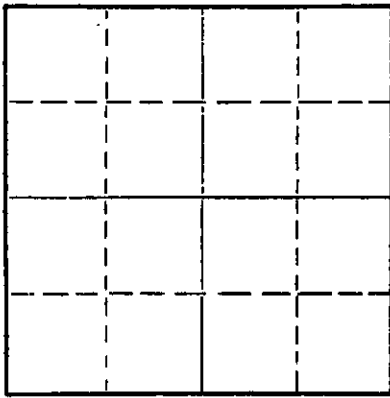


15-1165-20047-0000

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas

NORTH



Locate well correctly on above
Section Plat

Rush County, Sec. 12 Twp. 18S Rge. 17W (E) (W)
Location as "NE/CNW/SW" or footage from lines C NW SW
Lease Owner Cities Service Oil Co.
Lease Name Crotinger Well No. A-#1
Office Address Box 308, Great Bend, Kansas 67530
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed 7-20-67 19
Application for plugging filed 7-20-67 19
Application for plugging approved 7-20-67 19
Plugging commenced 7-20-67 19
Plugging completed 7-20-67 19
Reason for abandonment of well or producing formation Dry Hole

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 Leo Massey
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3619 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 |
|-----------|---------|------|----|--------|--------|------------|
| | | | | 8 5/8" | 1053' | 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.

Set cal seal Plug @ 975' with 10 sks. cement by Halliburton
Set RTTS Tool @ 375', did not shut off Dakota Flow. Hooked up swage, pumped in 150 sks. Common + 2% cc

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JUL 24 1967

7-24-67

CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Leben Drilling, Inc.
Address Box 486, Great Bend, Kansas 67530

STATE OF KANSAS, COUNTY OF BARTON, ss.
Leslie Kite

(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) Leslie Kite

Box 486, Great Bend, Kansas 67530
(Address)

SUBSCRIBED AND SWORN to before me this 22nd day of July, 1967

April 1, 1971

Gloria Nichols

My commission expires July 22, 1967

Notary Public.

15-165-20847-0000

WELL RECORD

Company Cities Service Oil Co. Well No. 1 Farm Crotinger "A"
 Location 1980' FSL and 660' FWL Sec. 12 T. 18 R. 17W
1987.5 KB
 Elevation 1985 DF 1983 GL County Rush State Kansas
 Initial Prod. D. & A. Contractor Leben Drilling, Inc.
 Acid None Drlg. Comm. 7-8-67
 T. D. 3619' Drlg. Comp. 7-20-67

CASING RECORD:

8-5/8" @ 1052' cem. with 350 sx

FORMATION RECORD:

| | |
|----------------------|----------|
| Surface Clay | 0-65' |
| Sand & Shale | 190 |
| Sand | 295 |
| Shale | 435 |
| Sand | 680 |
| Shale | 760 |
| Shale & Red Bed | 1045 |
| Anhydrite | 1073 |
| Shale & Shells | 1480 |
| Salt & Shale | 1735 |
| Shale, Lime & Shells | 1850 |
| Lime & Shale | 2130 |
| Lime | 2200 |
| Shale & Lime | 3000 |
| Lime | 3060 |
| Lime & Shale | 3140 |
| Lime | 3220 |
| Lime & Shale | 3350 |
| Lime | 3410 |
| Lime & Shale | 3570 |
| Sand | 3582 |
| Granite | 3602 |
| Schist | 3619 RTD |

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Wichita, Kansas

ELECTRIC LOG TOPS:

| | |
|-----------------------|--------------|
| Topeka | 2937 (-949) |
| Heebner | 3220 (-1232) |
| Toronto | 3238 (-1250) |
| Lansing | 3273 (-1285) |
| Base Kansas City | 3510 (-1522) |
| Base Basal Penn. Sand | 3570 (-1582) |
| Granite Wash | 3582 (-1594) |
| Schist | 3602 (-1614) |
| Rotary Total Depth | 3619 (-1631) |

SLOPE TESTS:

| | |
|------|------|
| 1/2° | 250' |
| 1/2° | 500 |
| 1/2° | 750 |
| 1/8° | 1629 |
| 1/8° | 1877 |
| 3/4° | 2200 |
| 3/4° | 2627 |
| 3/4° | 2793 |
| 1/4° | 3059 |
| 1/4° | 3346 |
| 1/4° | 3540 |

DRILL STEM TESTS:

Test #1 - 3560-3580, Basal Penn.,
30-30-60-30, strong blow decreasing to fair blow, gas to surface in 31 mins. TSTM, recovered 125' gas-cut sli. oil-cut thin mud, 60' salt water; IFP 64#, ISIP 613#, FSIP 489#, FFP 91#.

Test #2 - 3582-3619, Granite Wash,
15-30-20-30, fair blow gradually dieing, recovered 15' drilling mud; IFP 55#, ISIP 585#, FSIP 293#, FPP 68#.

Plugged and abandoned 7-20-67.