

WELL PLUGGING RECORD

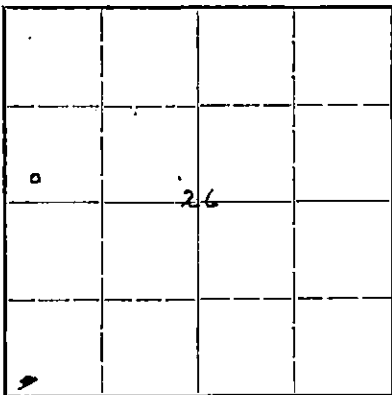
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

FORMATION PLUGGING RECORD

Strike out upper line
when reporting plug-
ging off formations.

NORTH



Locate well correctly on above
Section Plat

Trego County. Sec. 26 Twp. 15 Rge. 24 (E) W. (W)

Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines SW/4 SW/4 NW/4

Lease Owner Republic Natural Gas Company

Lease Name C. R. & H. G. Hille "Q" Well No. 1

Office Address Box 918, Ellinwood, Kansas

Character of Well (completed as Oil, Gas or Dry Hole) Dry hole

Date well completed September 12, 1947 19

Application for plugging filed September 13, 1947 19

Application for plugging approved Verbal approval September 12, 1947 19

Plugging commenced September 12, 1947 19

Plugging completed September 12, 1947 19

Reason for abandonment of well or producing formation Dry hole - no oil producing formations

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 C. D. Stough, Phone 1175, Hays, Kansas

Producing formation ~~Mississippi~~ Depth to top ~~4293~~ Bottom ~~4533~~ Total Depth of Well 4653 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 |
|-------------|---------|------|------|--------|--------|------------|
| Dakota | Water | 600 | 750 | 10-3/4 | 798 | None |
| Lansing | Dry | 3738 | 4125 | | None | |
| Mississippi | Dry | 4291 | 4511 | | None | |
| Viola | Dry | 4511 | 4596 | | None | |
| Arbuckle | Dry | 4596 | 4653 | | 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 hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

Heavy mud from total depth 4653' to 800' bottom of surface pipe

20 sax cement from 800' to 750'

Heavy mud from 750' to 175'

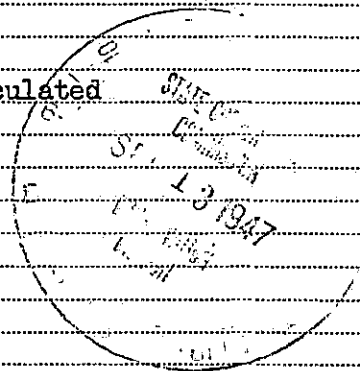
15 sax cement from 175' to 140'

Heavy mud 140' to 120'

10 sax cement from 120' to 6'

Cellar 6' to surface

10-3/4" surface casing cemented with 400 sax cement circulated



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

Correspondence regarding this well should be addressed to Mr. H. E. Wolfe, Republic Natural Gas Company
Address Box 918, Ellinwood, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
Paul H. Young (employee of owner) 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) Paul H. Young
Ellinwood, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 12th day of September, 1947.

Walter Max Berachelt
Notary Public.

My commission expires August 30, 1951

PLUGGING
FILE SEC 26 T 15 R 24W
BOOK PAGE 133 LINE 2

REPUBLIC NATURAL GAS COMPANY
WELL RECORD

Republic Natural Gas Co.
Box 918
Ellinwood, Kansas

Lease C. R. & H. G. Hille "Q" Well No. 1 Date _____

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

Sec. 26 Twp. 15S Rge. 24W
Location SW SW NW County Trego
Contractor Jones-Shelburne & Farmer
Commenced July 31, 1947
Completed September 11, 1947 D & A

CASING USED AND CEMENT

| | <u>Length</u> | <u>Weight</u> | <u>Left in Hole</u> | <u>Sax and Make Cement</u> |
|----------------------------------|-----------------|---------------|---------------------|---|
| Elev. <u>2319</u> | | | | |
| Anhyd. <u>1692</u> | | | | |
| Topeka | | | | |
| Lansing K.C. <u>3738</u> | <u>16" OD</u> | | | |
| Base K. C. <u>4125</u> | | | | |
| Cong. <u>4276</u> | <u>13" OD</u> | | | |
| Miss. Lime <u>4291</u> | | | | |
| Kinderhook <u>10-3/4"</u> | <u>798 RDF</u> | <u>32.75</u> | <u>--</u> | <u>400 Sax Dewey Portland Cement Circulated</u> |
| Misner | | | | |
| Hunton <u>8-5/8"OD</u> | | | | |
| Sylvan Shale | | | | |
| Viola <u>4511</u> | <u>7" OD</u> | | | |
| Simpson | | | | |
| Arbuckle <u>4596</u> | <u>5-1/2"OD</u> | | | |
| Basal Sand | | | | |
| Pre-Camb | | | | |
| T.D. <u>4653</u> | | | | |
| Penetration | | | | |
| Prod. Formation <u>D & A</u> | | | | |

2.31' from rotary bushing to derrick floor

SHOOTING RECORD:

LINER RECORD

Date _____ Size Shot _____

Size _____ Weight _____ From _____ To _____

Results _____

Deepening or Plugging Back Record:

NOTE: Explain how liner set.
(Packer bottom of hole, etc.)

POTENTIALS:

ACID RECORD 0 - 4 1947

Date _____ Oil _____ Water _____

Date _____ Gallons _____

1. _____
2. _____
3. _____
4. _____

- _____
- _____
- _____
- _____

PLUGGING
FILE SEC 26 T 15 R 2400
ROCK PAGE 33

DRILLING LOG

REPUBLIC NATURAL GAS COMPANY

Lease C. R. & H. G. Hille "Q"

Well No. 1

County Trego

Sec. 26 Twp. 15S Rge. 24W

Location SW SW NW

Elevation 2319

Total Depth 4653

Comm. 7-31-47 Comp. 9-11-47

Shot or Treated

CASING:

Contractor Jones-Shelburne & Farmer

Rotary T. D. 4653

Cable Tools From To

Figures Indicate Bottom of Formations:

| | | | |
|------------------|-----------|------------------------|-----------|
| Sand | 0-50 | Shale | 3005-3035 |
| Lime | 50-120 | Lime & Shale | 3035-3075 |
| Lime & Shale | 120-150 | Lime & Shale | 3075-3170 |
| Shale | 150-565 | Shale & Shells | 3170-3310 |
| Lime | 565-570 | Shale | 3310-3360 |
| Shale | 570-590 | Shale & Shells | 3360-3460 |
| Shale & Shells | 590-630 | Lime & Shale | 3460-3590 |
| Sand | 630-690 | Lime | 3590-3655 |
| Shale & Shells | 690-795 | Lime & Shale | 3655-3730 |
| Shale & Pyrite | 795-845 | Lime | 3730-3745 |
| Shale & Pyrite | 845-930 | Lime | 3745-3790 |
| Red Rock | 930-965 | Lime | 3790-3840 |
| Shale | 956-1500 | Lime & Shale | 3840-3870 |
| Red Rock | 1500-1705 | Pipe Stuck | 3873 |
| Anydrite | 1705-1760 | Lime & Shale | 3873-4085 |
| Red Rock & Shale | 1760-1780 | Shale | 4085-4175 |
| Red Rock | 1780-1785 | Lime & Shale | 4175-4225 |
| Red Rock & Shale | 1785-1945 | Conglomerate and Chert | 4225-4277 |
| Red Rock & Shale | 1945-2080 | Shale and Chert | 4277-4297 |
| Shale & Lime | 2080-2270 | Lime & Shale | 4297-4370 |
| Shale | 2270-2370 | Lime & Shale | 4370-4425 |
| Lime | 2370-2435 | Chert & Lime | 4425-4449 |
| Lime & Shale | 2435-2450 | Lime & Shale | 4449-4500 |
| Shale | 2450-2545 | Lime & Chert | 4500-4570 |
| Lime & Shale | 2545-2600 | Lime & Shale | 4570-4596 |
| Lime | 2600-2660 | Lime & Shale | 4596-4653 |
| Lime & Shale | 2660-2705 | | |
| Lime & Shale | 2705-2735 | | |
| Lime & Shale | 2735-2770 | | |
| Lime & Shale | 2770-2835 | | |
| Lime & Shale | 2835-3005 | | |

(SEE OVER FOR CORING RECORD)

Core No. 1

4297 to 4303

Recovered 4 $\frac{1}{2}$ ' - Top 3 $\frac{1}{2}$ ' fine sucrose dolomite with spotted lightly bleeding stains - Lower 1' uniformly saturated, bleeding heavily. Porosity light and spotted to fair in last foot.

Drill Stem Test No. 1

No test. Packer @ 4291 - T.D. 4303 - open 30 minutes. Blow immediately - continued hard for 12 minutes - slight blow at end. Recovered 270' mud. No show.

Core No. 2

4303 to 4306

Recovered 2 $\frac{1}{2}$ ' - Top 8" fine hard. Dolomite with occasional bleeding spotted porosity - 18" coarse crystalline hard lime, no porosity and no show. 4" fine very dense hard dolomite, no porosity and no show.

Drill stem Test No. 2

Packer set @ 4292. Open 30 minutes. Very light blow on opening tool. Recovered 10' mud. No show.