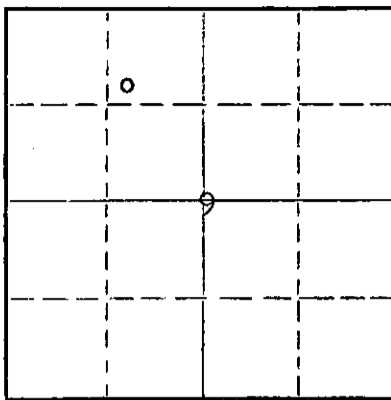


STATE OF KANSAS  
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD

NORTH



Locate well correctly on above  
Section Plat

Harper County. Sec. 9 Twp. 31 Rge. 8 (E) W (W)  
Location as "NE/CNW%SW%" or footage from lines SW/4 NE/4 NW/4  
Lease Owner Republic Natural Gas Company  
Lease Name H. W. Sanders Well No. 1  
Office Address Box 126, Ellinwood, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Oil  
Date well completed August 17 19 54  
Application for plugging filed October 8 19 56  
Application for plugging approved October 9 19 56  
Plugging commenced October 31 19 56  
Plugging completed November 5 19 56  
Reason for abandonment of well or producing formation Depleted

If a producing well is abandoned, date of last production August 20 19 56  
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 Mississippi Depth to top 4402' Bottom Total Depth of Well 4506 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 |
|------------------------|---------|------|----|---------|--------|------------|
| Mississippi            |         |      |    | 10-3/4" | 157'   | None       |
| Perforations 4448-4468 |         |      |    | 5-1/2"  | 4502'  | 3885'      |
| 4416-4430              |         |      |    |         |        |            |
|                        |         |      |    |         |        |            |
|                        |         |      |    |         |        |            |
|                        |         |      |    |         |        |            |
|                        |         |      |    |         |        |            |

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.

Measured into TD 4506'.  
Plugging started 10-31-56. Finished 11-5-56.  
Plugged off bottom with sand to 4410' and dumped 5 sacks cement with bailer.  
Shot 5 1/2" casing at 3885'. Pulled pipe out of hole and plugged well with heavy mud to 175' and set permanent rock bridge. Dumped 30 sacks cement.  
Filled hole with heavy mud to 30' and mixed 10 sacks for cap on well.

RECEIVED  
STATE CORPORATION COMMISSION  
11-17-56  
CONSERVATION DIVISION  
WICHITA, KANSAS

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

Name of Plugging Contractor Forbes Casing Pulling Company  
Address Box 221, Great Bend, Kansas

STATE OF Kansas COUNTY OF Barton ss.  
P. B. Horst (employee of owner) or (owner/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) P. B. Horst  
Box 126, Ellinwood, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 16th day of November, 19 56

My commission expires 8-20-59 Notary Public.

PLUGGING  
FILE SEC 9 T 31 R 8W  
BOOK PAGE 105 LI E 43

DRILLER'S LOG

Company: Republic Natural Gas Company  
 Contractor: Purcell-Mull Drilling Co., Inc.  
 Commenced: 6-14-54  
 Completed: 7-1-54  
 Lease and Well No.: H. W. Sanders #1  
 Location: SW NE NW Sec. 9-31S-8W, Harper County, Kansas  
 Casing Record: 10-3/4" surface casing set at 157' cemented with 100 sacks.  
 5-1/2" production casing set at 4502' cemented with 100 sacks.

| Formation               | From | To                      |
|-------------------------|------|-------------------------|
| Clay                    | 0    | 20                      |
| Sand                    | 20   | 110                     |
| Red Bed                 | 110  | 158                     |
| Red Bed, Shale & Shells | 158  | 380                     |
| Shale & Shells          | 380  | 1040                    |
| Shale                   | 1040 | 1300                    |
| Anhydrite               | 1300 | 1380                    |
| Shale & Lime            | 1380 | 1455                    |
| Lime & Shale            | 1455 | 2095                    |
| Lime                    | 2095 | 2151                    |
| Shale & Shells          | 2151 | 2335                    |
| Shale & Lime            | 2335 | 2595                    |
| Lime & Shale            | 2595 | 2720                    |
| Shale & Lime            | 2720 | 2815                    |
| Lime & Shale            | 2815 | 3255                    |
| Lime                    | 3255 | 3330                    |
| Lime & Shale            | 3330 | 3602                    |
| Shale & Lime            | 3602 | 3687                    |
| Lime                    | 3687 | 4302                    |
| Lime & Shale            | 4302 | 4336                    |
| Lime                    | 4336 | 4372                    |
| Lime & Shale            | 4372 | 4403                    |
| Lime                    | 4403 | 4506 Rotary Total Depth |

**PLUGGING**  
 FILE SEC 9 T 31 R 8W  
 BOOK PAGE 105 LINE 43

10-9-56