

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 Bittling Building
Wichita, Kansas

Stafford County, Sec. 20 Twp. 21 Rge. 13 (E) W. (W)

Location as "NE/CNW/SW" or footage from lines 990' S. & 990' E. of W/4 Cor.

Lease Owner Cities Service Oil Company

Lease Name Schartz "B"

Well No. 4

Office Address Bartlesville, Oklahoma

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

Date well completed July 13, 1953

Application for plugging filed July 13, 1953

Application for plugging approved July 13, 1953

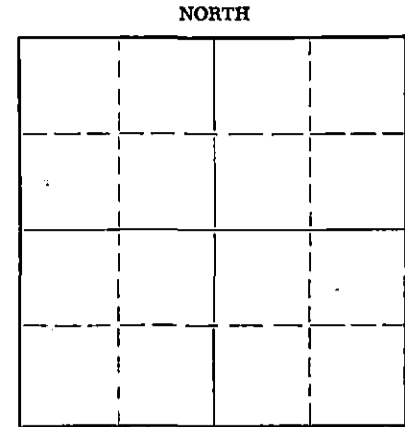
Plugging commenced July 13, 1953

Plugging completed July 13, 1953

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



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well M. A. Rives

Producing formation Arbuckle Depth to top Bottom Total Depth of Well 3764 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" | 346' | 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.

3764-270', heavy mud.
270-190', hulls, wood plug and 20 sacks cement.
190- 40', mud.
40' to base of cellar, hulls, wood plug and 10 sacks cement.

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STATE CORPORATION COMMISSION

7-16-53

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

Name of Plugging Contractor Holm Drilling Company

Address Tulsa, Oklahoma

STATE OF Kansas, COUNTY OF Barton, ss.

V. M. Conover

(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) V. M. Conover

Box 751, Great Bend, Kansas

(Address)

SUBSCRIBED AND SWORN TO before me this 14th day of July, 1953

W. G. Smith

Notary Public.

My commission expires March 12, 1955.

PLUGGING
FILE SEC 20-21-R 134
BOOK PAGE 117 LINE 30

WELL RECORD

Company Cities Service Oil Company Well No. 4 Farm Schartz "B"
 Location 990' South and 990' East of W/4 Corner Sec. 20 T. 21 R. 13W
 Elevation 1910 (1908 Gr.) County Stafford State Kansas
 Drlg. Comm. June 30, 1953 Contractor Hola Drilling Company
 Drlg. Comp. July 12, 1953 Acid None
 T. D. 3764' Initial Prod. Dry Hole - P. & A. 7-13-53

CASING RECORD:

8-5/8" @ 346' con. 325 sec cement

FORMATION RECORD:

| | |
|---------------------|------------|
| clay | 0-35 |
| sand & clay | 95 |
| iron & sand | 118 |
| shale | 220 |
| sand | 295 |
| shale | 347 |
| red bed & shale | 810 |
| anhydrite | 830 |
| shale & shells | 1660 |
| lime | 1945 |
| lime & shale | 2335 |
| shale & lime | 2550 |
| shale | 2770 |
| shale & lime shells | 2915 |
| lime | 3288 |
| shale & lime | 3358 |
| lime | 3764 T. D. |

| | |
|---------------------|-------|
| Hoekner | 3240' |
| Brown Limestone | 3365' |
| Lansing | 3377' |
| Cherty Conglomerate | 3632' |
| Viola | 3641' |
| Simpson | 3681' |
| Arbuckle | 3734' |
| Penetration | 30' |
| Total Depth | 3764' |

Drill Stem Test 3406-25, open 1 hr., recovered 605' salt water; B. H. P. 1520#/15 mins.

Drill Stem Test 3437-65, open 1 hr., recovered 30' mud with few specks oil; B. H. P. 450#/15 mins.

Drill Stem Test 3495-3511, open 1 hr., recovered 80' mud; B. H. P. 940#/15 mins.

SYFO: 500' 1°
 1000' 0°
 1500' 0°
 2000' 0°
 2500' 0°
 3000' 0°
 3500' 1°

PLUGGING

FLK SEC 20 T 21 R 13W
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