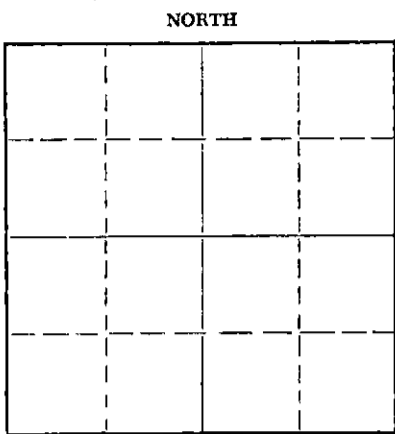


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD



Stafford County, Sec. 15 Twp. 22S Rge. 12 (E) (W) X
Location as "NE/CNW/SW" or footage from lines NE NE NW
Lease Owner Mobil Oil Company
Lease Name Spangenberg Well No. 2
Office Address P. O. Box 1070 Great Bend, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) _____
Date well completed _____ 19____
Application for plugging filed _____ 19____
Application for plugging approved _____ 19____
Plugging commenced 4-26-68 _____ 19____
Plugging completed 5-1-68 _____ 19____
Reason for abandonment of well or producing formation _____
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

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MAY 6 1968
CONSERVATION DIVISION
Wichita, Kansas

Name of Conservation Agent who supervised plugging of this well Herman Justice
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3668 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 |
|-----------|---------|------|----|--------|--------|------------|
| | | | | 10 3/4 | 654 | None |
| | | | | 7 | None | 1811 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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.

Moved in. Cleaned out cellar. Sanded to 3640'. Dumped 6 sacks of cement.

Rigged up unit. Working pipe. Shot pipe at 2400' - 2200' - 2100' - 2000' - 1900' and 1830'.

Working pipe. Moved pipe 4'. Pipe pulled into. Welded on collar.

Working pipe. Pulling pipe.

Plugging well. Set rock bridge at 300'. Dumped 35 sacks of cement. Mudded hole and rock bridge. Capped well with 15 sacks of cement.

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

Name of Plugging Contractor Forbes Casing Pulling, Inc.
Address P. O. Box 221 Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.

J. O. Forbes (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) J. O. Forbes
P. O. Box 221 Great Bend, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 3 day of May, 1968

My commission expires May 27, 1969

Glenn Baker
Notary Public.

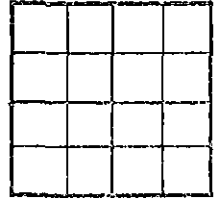
KANSAS WELL LOG BUREAU---KANSAS GEOLOGICAL SOCIETY
508 EAST MURDOCK
WICHITA 5, KANSAS

COMPANY Magnolia Petroleum Company
FARM Bertha A. Spangenberg No. 2

SEC. 15 T. 22S R. 12W
LOC. NE NE NW

TOTAL DEPTH 3668 K.B.
COMM. 8/29/50 COMP. 9/26/50
SHOT OR TREATED
CONTRACTOR Mallonee Drilling Company, Inc.
ISSUED

COUNTY Stafford



ELEVATION 1858 D.F.

PRODUCTION 49 BOPD w/trace wtr.

CASING
20 10 10 3/4" set @ 654' & cem. w/400 sacks
15 1/2 8 1/4
12 1/2 6 3/4 7" set @ 3665' & cem. w/200 sacks
13 3/4 5 A

FIGURES INDICATE BOTTOM OF FORMATIONS

| | |
|----------------------|------|
| surface clay & sand | 42 |
| sand & clay | 160 |
| gray shale | 190 |
| shale & sand | 225 |
| red sandy shale | 300 |
| red bed | 490 |
| red bed & sandy lime | 610 |
| red bed | 643 |
| Anhydrite | 654 |
| Anhydrite | 655 |
| shale & shells | 1200 |
| salt & shells | 1350 |
| salt & shale | 1460 |
| shale & lime | 1550 |
| lime & shale | 1655 |
| lime | 1825 |
| lime & shale | 1920 |
| broken lime | 1985 |
| lime & shale | 2170 |
| lime | 2235 |
| shale & shells | 2245 |
| lime & shale | 2330 |
| shale & lime | 2390 |
| lime & shale | 2715 |
| shale | 2770 |
| shale & shells | 2875 |
| lime | 3160 |
| lime & shale | 3225 |
| shale | 3309 |
| shale & lime | 3320 |
| lime | 3548 |
| lime & chert | 3575 |
| lime & cherty viola | 3593 |
| cherty lime | 3605 |
| lime & chert | 3614 |
| lime & shale | 3620 |
| Simpson shale | 3632 |
| lime & shale | 3665 |
| lime & shale | 3668 |

Steel line correction 3668=3666

lime 3668

Total Depth 3668 K.B.

| | | |
|--------------|------|---------|
| Top Lansing | 3309 | " |
| Top Viola | 3559 | " corr. |
| Top Simpson | 3603 | " " |
| Top Arbuckle | 3665 | " " |

Drill Stem Test 3372-3402, open 45 min.,
rec. 75' rotary mud, BH SIP 90'

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APR 1 1968
CONSERVATION DIVISION
Wichita, Kansas