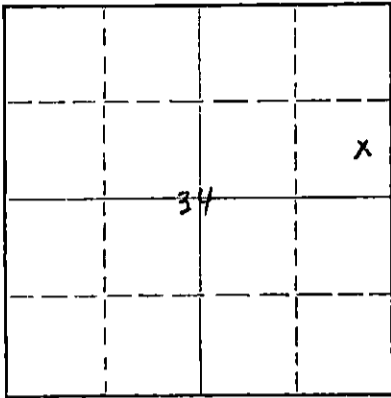


WELL PLUGGING RECORD

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

Stafford County. Sec. 34 Twp. 21S Rge. 13 (E) (W)
Location as "NE/CNW/SW" or footage from lines SE SE NE
Lease Owner Mobil Oil Corporation
Lease Name M. Gates Well No. 4
Office Address P. O. Box 1828 Oklahoma City, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole)
Date well completed 8-19-43 19
Application for plugging filed 5-3-67 19
Application for plugging approved 5-4-67 19
Plugging commenced 5-5-67 19
Plugging completed 5-9-67 19
Reason for abandonment of well or producing formation Uneconomical
If a producing well is abandoned, date of last production Sept. 19 66
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 Archie V. Elving
Producing formation Arbuckle Depth to top 3675 Bottom 3680 Total Depth of Well 3680 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
Arbuckle	Oil	3675	3680	10 3/4	235	None
				7	None	1740

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. Breaking out cellar cement.
Drilling and shooting cement out of cellar. Sanded to 3650'. Dumped 7 sacks of cement.
Shot pipe at 1900' - 1800' and 1730'. Pulling pipe.
Bailing Water. Pushed plug to 225' rock bridge. Dumped 10 sacks of cement.
Bailing hole dry. Dumped 20 sacks of cement. Filled hole and rock bridge. Capped well with 15 sacks of cement.

RECEIVED
STATE CORPORATION COMMISSION

JUN 7 1967

CONSERVATION DIVISION
Wichita, Kansas

(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 Oklahoma, COUNTY OF Oklahoma, ss.
P. K. Langenberg (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) Paul K. Langenberg
P. O. Box 1828 Oklahoma City, Oklahoma
(Address)

SUBSCRIBED AND SWORN TO before me this 6th day of June, 19 67

[Signature]
Notary Public.

My commission expires 9-9-67

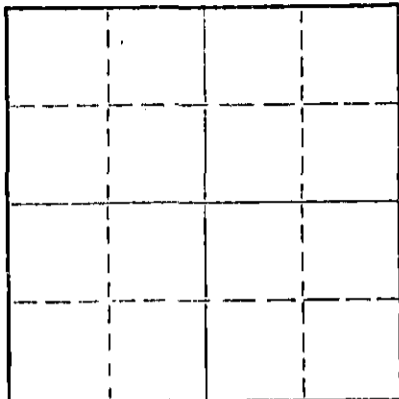
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

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

Stafford County, Sec. 34 Twp. 21S Rge. 13 (E) (W)
Location as "NE/CNW/SW" or footage from lines SE SE NE
Lease Owner Mobil Oil Company
Lease Name M. Gates Well No. 4
Office Address P. O. Box 1828 Oklahoma City, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole)
Date well completed 19
Application for plugging filed 5-3-67 19
Application for plugging approved 5-4-67 19
Plugging commenced 5-5-67 19
Plugging completed 5-9-67 19
Reason for abandonment of well or producing formation

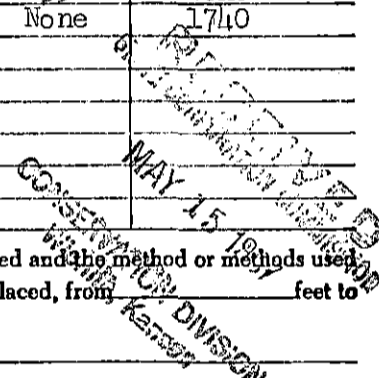
If a producing well is abandoned, date of last production 19
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well
Producing formation Depth to top Bottom Total Depth of Well 3680 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	235	None
				7	None	1740



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. Breaking out cellar cement.

Drilling and shooting cement out of cellar. Sanded to 3650'. Dumped 7 sacks of cement.

Drilling and shooting cement out of cellar. Rigging up. Working pipe.

Shot pipe at 1900' - 1800' and 1730'. Pulling pipe.

Bailing water. Pushed plug to 225' rock bridge. Dumped 10 sacks of cement.

Bailing hole dry. Dumped 20 sacks of cement. Filled 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 12 day of May, 19 67

My commission expires May 27, 1969

Notary Public.

Record of Well No. 4

Owned by MAGNOLIA PETROLEUM CO.

Mastic Gates

State Stafford County Kansas
 680' 150' 660' 150' 150' 150' 150' 150'
 District: Chase, Kansas

Drill/Log/Tool	JULY 22 1945	1200' Kern. Drill, Tools	Contract Company
Drill/Log/Tool	JULY 22 1945		
Drill/Log/Tool	JULY 23 1945		
Drill/Log/Tool	AUG 16 1945		

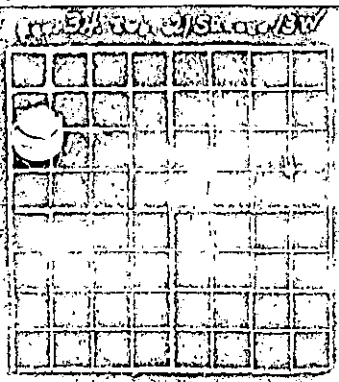
Date	Pumped		Produced		Gals. Produced	Remarks
	Oil	Water	Oil	Water		
10-5-47 Rd. 2nd Hand	235		0		235	Cemented w/275 Sacks
7-12-48 Rd. 2nd Hand	3676		0		3676	Cemented w/300 Sacks
2-4-48 Rd. 2nd Hand	3679		0		3679	

RECEIVED
 STATE CORPORATION COMMISSION

Transfer-in No. 3867 Own No. MAY 8 1967

Oil Production 100 Bbl Gals Cu. Ft.

Voucher No. CONSERVATION DIVISION
 Wichita, Kansas



FORMATION	TOP	BOTTOM	REMARKS
sand & shale	0	230	Run 2" Tubing & Rods Pumped 2 Hrs. Set good 5' 80 PSI - No Water Pumped 6-80 PSI - 8 Hrs. Physical Potential - 150 Hbls - No Water - 7 BPH for last 8 Hrs. on Pot. Effective 6-16-43
red rock	230	300	
10-3/4" Ggs. Set	235		WD - SIM 3680
shale & shells	300	1640	<u>Geological Notes</u>
sand & shale	1640	1970	1- A relatively soft zone from 3669 to 3674 - rare staining.
lime & shale	1970	2145	2- 3497 to 28 - fair porosity - rare staining.
shale & shells	2145	2365	3- 3455 to 62 - collocastic porosity - fair oil staining
shale	2365	2485	Samples caught at 3495 & 3500 showed good collocastic porosity & fair saturation. A relatively soft zone from 3478 to 3483 probably accounts for the saturation noted in the 3495 sample. It is probable, however, that a part of the section below 3490 accounts for a part of the saturation present in the 3500 sample. In my opinion, none of the zones in the Lansing- Kansas City can be expected to produce oil in commercial quantities.
shale & lime	2485	2540	
shale & shells	2540	2660	
shale & lime	2660	2715	
shale & shells	2715	2885	
lime & shale	2885	2985	
lime	2985	3020	
shale & lime	3020	3040	
lime	3040	3080	
lime & shale	3080	3160	
lime	3160	3178	
lime & shale	3178	3305	
shale & shells	3305	3329	
top Lansing - K.O.	3329		
Lansing - K.O. - Lime	3329	3584	
top Viola	3584		
Viola Lime	3584	3628	
No Oil Shows			
top Simpson	3628		
Simpson sand	3628	3676	
No Oil Shows			
top A-bro's	3676		
7" Ggs. Set	3676		
Artable lime	3676	3680	

No saturation
 Cored from 3677-80 - 2 1/2' Recovery
 of medium crystalline, medium
 porous dolomite w/bleeding oil
 saturation

Standardized
 Drilled out plug 3680
 Rilled up 400' - 3 Hrs.

Hole Surveys
 OK 400 - 940 - 1400 - 1500 - 1750 - 2050 -
 2500 - 2850 - 3300

(See Over)

859

Contractor's Statement

8880 Drilling	○	2635	10,488.00
18 hrs. casing hole	○	5-21	83.36
8 hrs. Drilling cement	○	5-21	41.68
8 hrs. Running tubing	○	5-21	41.68
24 hrs. Run Rods, Pump Test	○	5-21	125.04
8 1/2 hrs. Coring & Circulating	○	10-12	98.99
			<u>10,878.75</u>

Notes From Well Log

5-21-56
 Open hole 3676-80' was acidized w/1000 gal 15% (oil type W thru 2" tub, down break @ 600', treat 1150/1950/0 2 hrs. Press drop to 500' in 10 min after pump shut down (90 BLO). Prod before 5'80 & 50 BLD Prod After 35'80 & 35' BLD

Rotary Commenced 7-28-43
 Rotary Completed 8-11-43
 10-3/4" Csg. Set 7-28-43
 7" Csg. Set 8-11-43
 Used 11 - 5" Rock Bits
 5" Airhole time cored with rotary down 3677-80
 2" Airhole time drilled with rotary rock bit from 3675-80
 Rotary Completed
 Cable Commenced 8-14-43
 Cable Completed 8-17-43
 No test hole made with cable tools.
 Potential 150 Bbl. Oil.

Clean Out Tools Account - (302-10)

Work Commenced 5-6-49
 Work completed 5-12-49

Production before CO - 20 Bbl. Oil - No Water/Day
 Production after CO - 7 Bbl. Oil per Hour - No Water

Rigged up Cardwell Spudder & pulled rods and tubing. Cleaned out Cavings 3670 to 3680, wd. Swabbed & tested 2 - 16 Hr. Days - Ran tubing and rods & put on pump.