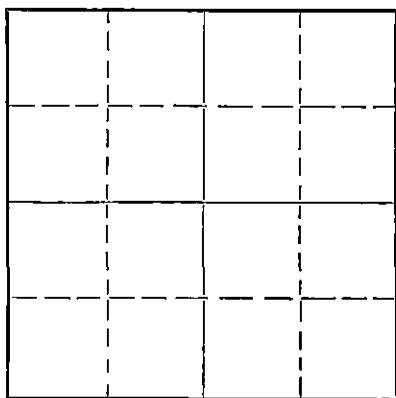


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bittling Building
Wichita, Kansas

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plot

Stafford County. Sec. 10 Twp. 22 Rge. 12 (E) (W)
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines C. S/2 NE NW
Lease Owner Petroleum, Inc.
Lease Name Spangenberg Well No. 4
Office Address 100 Derby Bldg., Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed September 2, 19 49
Application for plugging filed February 3, 19 51
Application for plugging approved February 10, 19 51
Plugging commenced February 3, 19 51
Plugging completed February 3, 19 51
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

Name of Conservation Agent who supervised plugging of this well
Producing formation Depth to top Bottom Total Depth of Well 3679 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"	180'	None
				5 1/2"	3678'	1818.44'

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.

Placed chat and 5 sax cement to 3350'. Filled hole with mud from 3350' to 180' up hole.

Placed wooden plug at 180'. Cemented and displaced through drill pipe 15 sax cement. Filled hole with mud to 30'. Placed wooden plug at 30'. Filled hole to surface with 10 sax cement.

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FEB 16 1951
CONSERVATION DIVISION
WICHITA, KANSAS

(If additional description is necessary, use BACK of this sheet)
Correspondence regarding this well should be addressed to Petroleum, Inc.
Address 100 Derby Building, Wichita, Kansas 2-16-51

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.
Eric H. Jager (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) Eric H. Jager
100 Derby Building, Wichita, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 15th day of February, 19 51
Charlotte Weidman
Notary Public.

My commission expires October 13, 1954

PLUGGING
FILE SEC 10 T 22 R 12
BOOK PAGE 61 LINE 4

WELL LOG SPANGENBERG NO. 4

Petroleum, Inc., Lease Owner

Section 10, Twp. 22S, R. 12W

Drillers, Inc., Contractor

Location: C S/2 NE NW

Rotary Total Depth: 3684

County: Stafford, Kansas

Commenced: August 22, 1949
 Completed: September 2, 1949

Production:

Casing: 191.42' of 8 5/8"
 3701.54' of 5 1/2"

Elevation: 1862 D.F.

Figures below indicate bottom of formation:

150 Sand	3619 (Viola) Chert
180 Shale, Lime & Shells	3681 Shale
235 Shale & Shells	3684 Lime
650 Shale & Red Rock	
685 Anhydrite	3684 R.T.D.
1130 Shale & Shells	
1240 Shale & Salt	
1540 Shale & Shells	
1895 Lime	
1920 Sand	
2860 Shale & Lime	
2920 Lime	
3055 Shale & Lime	
3140 Lime	
3192 Lime & Shale	
3290 Shale	
3554 Lime	
3595 Conglomerate Viola	

Tops

Anhydrite:	650	Simpson:	3619
Heebner:	3158	Arbuckle:	3681
Toronto:	3178		
B.O.:	3192		
Br.Ls.:	3290		
Lansing:	3310		
BKC:	3532		
PBC:	3553		
Viola:	3565		

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 FEB 16 1951
 CONSERVATION DIVISION
 Wichita, Kansas

I hereby certify that this is a true and correct log of the above mentioned well.

PETROLEUM, INC.

Eric H. Jager
 Eric H. Jager

STATE OF KANSAS
 SS.
 SEDGWICK COUNTY

Subscribed to and sworn to before me, a Notary Public in said County and State this 30th day of August, 1949.

Rosemond Koch
 Notary Public

My commission expires: June 7, 1952

PLUGGING
 FILE SEC 10 T 22S R 12W
 BOOK PAGE 6 LINE 4