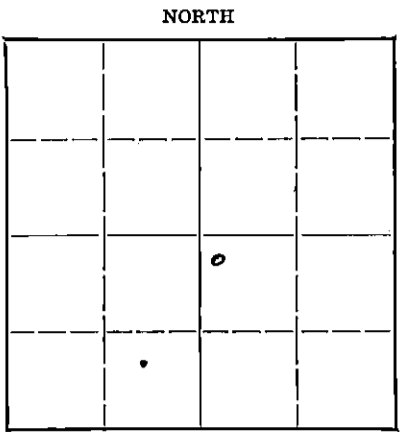


WELL PLUGGING RECORD

FORMATION PLUGGING RECORD

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

Strike out upper line  
when reporting plug-  
ging off formations.



Locate well correctly on above  
Section Plat

Stafford County. Sec. 16 Twp. 22S. Rge. (E) 12 (W)  
Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines. NW/4 NW/4 SE/4  
Lease Owner. Musgrove Petroleum Corporation  
Lease Name. Spangenberg Well No. 1  
Office Address. 407 K.F.H. Building, Wichita 2, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole). Dry Hole  
Date well completed. 7-30 19.48  
Application for plugging filed. (Via Telephone) 7-30 19.48  
Application for plugging approved. 7-30 19.48  
Plugging commenced. 7-30 19.48  
Plugging completed. 7-30 19.48  
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 com-  
menced? Yes

Name of Conservation Agent who supervised plugging of this well. C. D. Stough  
Producing formation. Depth to top. Bottom. Total Depth of Well. 3698 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 3/8	730	Cemented

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 hold. If cement or other plugs were used, state the character of same and depth placed, from.....feet to.....feet for each plug set.

Filled hole with heavy mud up to 240'.  
Plug driven down to 238'.  
Ran 15 sacks of cement.  
Filled with heavy mud to within 25' of top of hole.  
Ran another plug.  
Filled hole with 10 sacks of cement.

8-3-48

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

Correspondence regarding this well should be addressed to Musgrove Petroleum Corp.  
Address. 407 K.F.H. Bldg.  
Wichita 2, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.

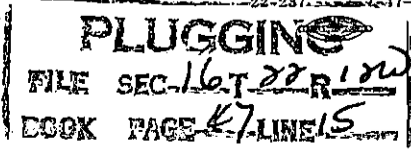
P. C. Musgrove (owner or operator) of the above-described well,  
being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

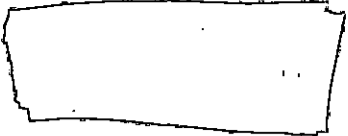
(Signature) P.C. Musgrove  
407 K.F.H. Bldg., Wichita 2, Kansas  
(Address)

SUBSCRIBED AND SWORN to before me this 2nd day of August, 1948.

Nadine Jirrel  
Notary Public.

My commission expires December 5, 1951





CONTRACTOR'S WELL LOG

Operator Musgrove Petroleum Corp. Per Name Spangenberg No. I

Location G 15, R 5, Section 16, Twp. 22 S, Rge. 12 E, Stafford Co.

WELL NAME CC County Stafford State Kansas

Commencement Date 7-9-48 Completion Date 7-30-48

LOG OF WELL

Elevation 1867'

All measure cuts from the top of rotary casing.

DEPT.	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS
0	235			Set 232.32' (11 jts.) 8-5/8" casing.
235	640	Red bed-Shale		
640	800	Anhydrite		
800	825	Shale-Shells		
825	1421	Shale-Shells		
1425	1680	Shale-Shells	1800' - 0	
1680	1750	Shale-Lime		
1750	1870	Lime-Shale		Surface pipe collapsed - Spudded Rig - RU
0	170	Sand		
170	240			ROC 48 Hours
240	470	Shale-Red Bed		
470	600	Shale-Red Bed		
600	680	Anhydrite		
680	1000	Shale-Shells		
1000	1401	Shale-Shells		
1401	1500	Shale-Lime		
1500	1660	Shale-Lime		
1660	1770	Lime-Shale		
1770	1780	Shale-Lime		
1780	1820	Lime-Shale		Reconcreted Surface 200 sfs. Reconcreted Surface 250 sfs. ROC 54 Hours
1920	2000	Lime		
2000	2050	Lime-Shale		
2050	2170	Shale-Lime		
2170	2200	Shale-Lime	2200' - 0°	
2200	2330	Lime-Shale		
2330	2430	Shale-Lime		
2430	2640	Shale-Lime		
2640	2680	Lime-Shale		
2680	2720	Shale-Lime	2700' - 0°	
2720	2900	Lime		
2900	3030	Lime		
3030	3130	Lime		
3130	3190	Lime		
3190	3200	Lime	3200' - 0°	
3200	3255	Lime		
3255	3325	Lime		
3325	3380	Lime		
3380	3420	Lime		
3420	3470	Lime		
3470	3490	Lime		
3490	3495	Lime		
3495	3600	Lime		
3600	3611	Lime		
3611	3640	Lime		
3640	3680	Lime		
3680	3690	Lime		DST 3671-3690'

CASING SET IN HOLE AFTER COMPLETION

Set 240.17' (11 jts.) 8-5/8" casing.

LOGGING  
 ALL 5-16-22-120  
 DEPT 47-5-15

STATE OF ILLINOIS )  
COUNTY OF SANGAMON )

The undersigned certifies that to the best of his knowledge and belief the above facts are true and correct.

J. G. BIRNBAUM, Notary Public.

R. A. Cook  
Resident

Subscribed and sworn to before me this 21st day of July, 1948.

My commission expires:  
June 30, 1951

Vicky Fritz  
Notary Public

NOTARY PUBLIC  
SANGAMON COUNTY, ILLINOIS