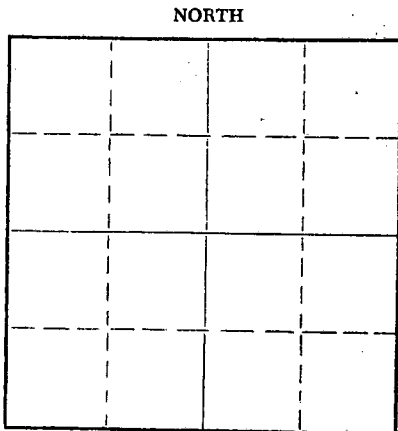


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

15-193-00039-00-00

WELL PLUGGING RECORD



Locate well correctly on above
Section Plat

Thomas County. Sec. 6 Twp. 10S Rge. (E)31 (W)
Location as "NE/CNW/SW" or footage from lines C SE SE NE
Lease Owner Musgrove Petroleum Corporation
Lease Name BERTRAND Well No. 1
Office Address 801 Union Center, Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry
Date well completed April 27, 19 59
Application for plugging filed verbally April 26, 19 59
Application for plugging approved verbally April 26, 19 59
Plugging commenced April 27, 19 59
Plugging completed April 27, 19 59
Reason for abandonment of well or producing formation Dry

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? verbally - yes.

Name of Conservation Agent who supervised plugging of this well _____
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 5061 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"	350'	

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.

Filled hole w/heavy mud to 600'.
Set 1st plug at 600' w/20 sx cement.
Filled hole w/heavy mud to 350'.
Set 2nd plug at 350' w/20 sx cement.
Filled hole w/heavy mud to 40'.
Set 3rd plug at 40' w/ 1/2 sack hulls & 10 sx cement.

RECEIVED
STATE CORPORATION COMMISSION
MAY 10 1959
CONSERVATION DIVISION
Wichita, Kansas

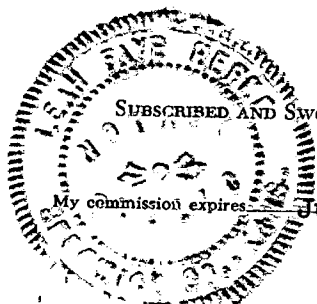
Name of Plugging Contractor Musgrove Petroleum Corporation
Address 801 Union Center, Wichita, Kansas.

STATE OF Kansas COUNTY OF Sedgwick
Emil E. Bowers (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) Emil E. Bowers
801 Union Center, Wichita, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 29th day of April, 19 59

Leah Joyce Hayes
Notary Public.



PLUGGING
FILE SEC 6 T. 10 R. 31 W.
BOOK PAGE 35 LINE 15

15-193-00039-00-00

CONTRACTOR'S WELL LOG

COMPANY: Musgrove Petroleum Corporation
 CONTRACTOR: Musgrove Petroleum Corporation
 FARM: BERTRAND #1
 LOCATION: C SE SE NE, Sec. 6-10S-31W
 Thomas County, Kansas
 COMMENCED: April 10, 1959
 COMPLETED: April 27, 1959

0	100	Sand & shells
100	350	Shale & shells
350	1010	Shale, shells & sand
1010	1345	Shale, chalky lime
1345	1535	Shale & shells
1535	2128	Shale & sand
2128	2280	Shale & lime
2280	2620	Shale, anhydrite, red bed
2620	2689	Lime, shale, chalk
2689	4010	Shale & lime
4010	4239	Lime
4239	4329	Lime & shale
4329	4367	Lime
4367	4465	Sandy lime
4465	4570	Lime
4570	4617	Lime & shale
4617	4660	Lime
4660	4685	Lime, sand, chert
4685	4881	Lime & chert
4881	4927	Lime
4927	4994	Lime & chert
4994	5061	Lime
5061		Rotary Total Depth

RECEIVED
 STATE CORPORATION COMMISSION
 05-01-1959
 MAY 1 1959
 CONSERVATION DIVISION
 Wichita, Kansas

Set 8-5/8" surface pipe at 350' with 250 sacks cement
 Dry & Abandoned

ELEVATION:	3064' D. F.	TOPS:	Welex Log
	3067' K. B.	Heebner	4045' (- 978)
		Toronto	4071' (-1004)
		Lansing	4095' (-1028)
		Base K. C.	4364' (-1297)
		Marmaton	4397' (-1330)
		Cherokee	4545' (-1478)
		Mississippi	4686' (-1619)
		Arbuckle	5012' (-1945)

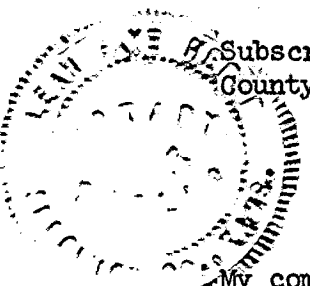
STATE OF KANSAS)
) SS
 COUNTY OF SEDGWICK)

I, Emil E. Bowers, do hereby certify that the above and foregoing is a true and correct copy of the log of the BERTRAND #1, C SE SE NE, Section 6-10S-31W, Thomas County, Kansas, as reflected by the files of the Musgrove Petroleum Corporation.

MUSGROVE PETROLEUM CORPORATION

BY Emil E. Bowers
 Vice President

Subscribed and sworn to before me, a Notary Public, in and for Sedgwick County, Kansas, this 30th day of April, 1959.



PLUGGING
 FILE SEC 6 T.10 R.31W
 BOOK PAGE 35 LINE 15

Sean Jaye Neple
 Notary Public

My commission expires June 16, 1959.