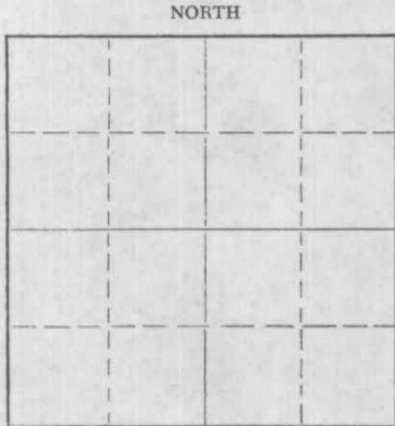


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

15-203-00016-00-00
WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Wichita County, Sec. 33 Twp. 18 Rge. (E) 36 (W)
Location as "NE/CNW/SW" or footage from lines C SW SE
Lease Owner Musgrove Petroleum Corporation
Lease Name MANTEL Well No. 1
Office Address 801 Union Center, Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry hole
Date well completed September 28, 1956
Application for plugging filed verbally - September 27, 1956
Application for plugging approved verbally - September 27, 1956
Plugging commenced September 28, 1956
Plugging completed September 28, 1956
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 5040 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
				13-3/8"	359'	none

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 with heavy mud to 310'
Set 1st plug at 310' with 25 sx cement.
Filled hole with heavy mud to 25'
Set 2nd plug at 25' with 20 sx cement.

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Musgrove Petroleum Corporation
Address 801 Union Center, Wichita, Kansas.

STATE OF Kansas, COUNTY OF Sedgwick, ss.
I, Gordon L. Koelling (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) *Gordon L. Koelling*
801 Union Center, Wichita, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 3rd day of October, 1956

Leah Jaye Neftz
Notary Public.

My commission expires June 16, 1956

PLUGGING
FILE SEC. 33 T. 18 R. 36 W
BOOK PAGE 104 LINE 6

RECEIVED
STATE CORPORATION COMMISSION
OCT 11 1956
CONSERVATION DIVISION
Wichita, Kansas

CONTRACTOR'S WELL LOG

COMPANY:	Musgrove Petroleum Corporation
CONTRACTOR:	Musgrove Petroleum Corporation
FARM:	MANTREL #1
LOCATION:	C SW SE, Sec. 33-18-36W Wichita County, Kans.
COMMENCED:	September 8, 1956
COMPLETED:	September 28, 1956

0	280	Surface clay & sand
280	429	Shale & lime
429	1320	Blue shale & lime
1320	1510	Shale & lime
1510	1810	Shale & lime streaks
1810	2000	Shale & lime
2000	2090	Shale & sand
2090	2280	Shale
2280	2553	Shale & lime
2553	2855	Lime
2855	3015	Lime & shale
3015	3185	Lime
3185	3310	Lime & shale
3310	3400	Lime
3400	3505	Lime & shale
3505	3575	Lime
3575	4000	Lime & shale
4000	4095	Lime
4095	4185	Lim ⁴ & shale
4185	5040	Lime
	5040	Rotary Total Depth

Set 13-3/8" surface pipe at 359' with 300 sacks cement, 2% calcium chloride.

DRY AND ABANDONED

ELEVATION:	3266' K. B.	Wabaunsee	3525'	(- 259)
TOPS: (Schlumberger)		Topeka	3730'	(- 464)
Blaine	1562' (/1691)	Heebner	3925'	(- 659)
Anhydrite	2343' (/ 923)	Lansing	4001'	(- 735)
Wellington	2538' (/ 728)	Marmaton	4423'	(-1157)
Herington	2840' (/ 426)	Morrow	4764'	(-1499)
Wreford	3102' (/ 164)	Mississippi	4939'	(-1673)

STATE OF KANSAS)
) SS
 COUNTY OF SEDGWICK)

I, GORDON L. KOELLING, do hereby certify that the above and foregoing is a true and correct copy of the log of the MANTREL #1, C SW SE, Section 33-18-36W, Wichita County, Kansas, as reflected by the files of the Musgrove Petroleum Corporation.

MUSGROVE PETROLEUM CORPORATION

BY Gordon L. Koelling
 Secretary-Treasurer

Subscribed and sworn to before me, a Notary Public, in and for Sedgwick County, Kansas, this 3rd day of October, 1956.

PLUGGING
 FILE SEC. 33 T. 18 R. 36W
 BOOK PAGE 104 LINE 6

Leah Jane Hecke
 Notary Public

My commission expires June 16, 1959.