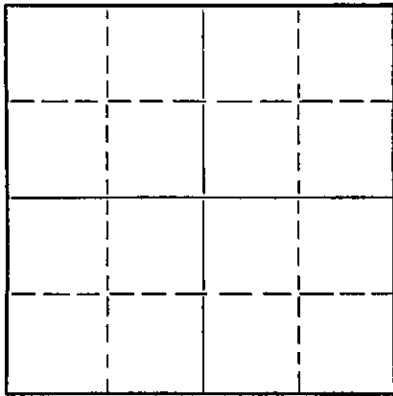


WELL PLUGGING RECORD

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

NORTH



Locate well correctly on above
Section Flat

Saline County, Sec 24 Twp 15 Rge 4 (W)
Location as "NE/CNW/SW" or footage from lines SE SE NE
Lease Owner Musgrove Petroleum Corporation
Lease Name Carlson Well No. 1
Office Address 407 KFH Building, Wichita 2, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed October 15 19 51
Application for plugging filed October 15 19 51
Application for plugging approved October 18 19 51
Plugging commenced October 15 19 51
Plugging completed October 15 19 51
Reason for abandonment of well or producing formation Dry Hole

If a producing well is abandoned, date of last production None 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 Ruel Durkee
Producing formation Depth to top Bottom Total Depth of Well 3431 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"	339'	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 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 300 feet
Set plug at 300 feet
Put in 15 sacks cement
Set plug at 40 feet
Put in 10 sacks cement

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

Name of Plugging Contractor Musgrove Petroleum Corporation
Address 407 KFH Building
Wichita 2, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.
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
407 KFH Building, Wichita 2, Kansas

SUBSCRIBED AND SWORN to before me this 22nd day of October, 19 51

Ada C. May Notary Public.

My commission expires August 31, 1955 STATE COMMISSION 23-8390-1 ON 6-51-20M

RECEIVED
OCT 30 1951
FILE SEC 24 T 15 R 40
WICHITA DIVISION
Wichita, Kansas
BOOK PAGE 107 LINE 33

CONTRACTOR'S WELL LOG

COMPANY: Mangrove Petroleum Corporation
CONTRACTOR: Mangrove Petroleum Corporation
WELL: Carlson #1
LOCATION: SE SE NE Section 24-15-4
 Saline County, Kansas
COMMENCED: October 1, 1951
COMPLETED: October 15, 1951

0	60	Surface sand & clay
60	90	Sand & red bed
90	130	Shale
130	200	Shale & shells
200	290	Gravel
290	330	Sand & shale
330	337	Amphibite
337	450	Lime & shale
450	500	Lime shale & red rock
500	610	Shells
610	825	Lime & shale
825	950	Lime
950	1075	Shale & shells
1075	1490	Shale
1490	1790	Shale & shells
1790	2410	Lime & shale
2410	2485	Shale & shells
2485	2950	Lime & shale
2950	3070	Shale & sandy lime
3070	3078	Sandy lime
3078	3130	Cherty lime
3130	3225	Lime & shale
3225	3245	Lime & chert
3245	3270	Lime
3270	3285	Lime & shale
3285	3290	Shale & shells
3290	3370	Shale & lime
3370	3451	Shale & shells
	3451	Total Depth

Set 339' of 8-1/8" surface casing, cemented with 501 sacks.
 Dry and Abandoned

STATE OF KANSAS }
 COUNTY OF SEDGWICK } SE4

I, GORDON L. KELLING, Do hereby certify that the above and foregoing is a true and correct copy of the log of Carlson #1, Sec. 24-15-4, Saline County, Kansas, as reflected by the files of the Mangrove Petroleum Corporation.

MANGROVE PETROLEUM CORPORATION

By Gordon L. Kelling
 Secretary-Treasurer

Subscribed and sworn to before me, a Notary Public, within and for Sedgewick County, Kansas, this 26th day of October, 1951.

My Commission expires: July 9, 1952
 By Mary Lou Rogers
 Notary Public

OCT 30 1951

CONSERVATION DIVISION
 Wichita, Kansas

PLUGGING
 FILE SEC. 24-15-R-40
 BOOK PAGE 117 LINE 33