

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

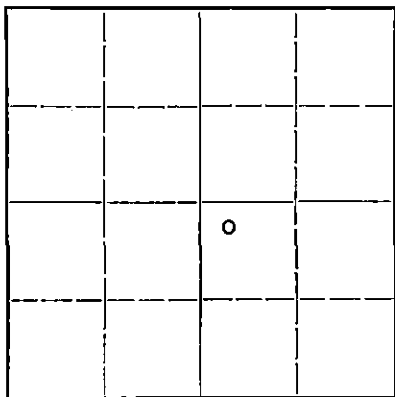
FORMATION PLUGGING RECORD

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

OR

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

NORTH



Locate well correctly on above
Section Plat

Stafford County. Sec. 21 Twp. 22 Rge. (12) 12 (W)
Location as "NE1/4NW1/4SW1/4" or footage from lines NW NW SE
Lease Owner The Palmer Oil Corporation
Lease Name Spangenberg Well No. 1
Office Address 415 Union National Bank Building, Wichita 2, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry hole
Date well completed October 18 19.46
Application for plugging filed " 21 19.46
Application for plugging approved " 18 19.46
Plugging commenced " 18 19.46
Plugging completed " 18 19.46
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 Eldon Petty
Producing formation none Depth to top Bottom Total Depth of Well 3736 Feet
Show depth and thickness of all water, oil and gas formations.

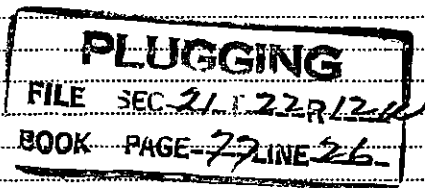
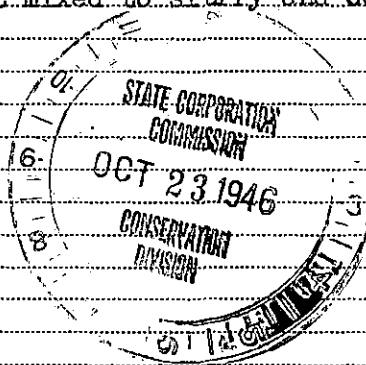
OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
Surface sand and gravel	water	0	103	8-5/8	208	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.

Heavy mud 208 to 3736
Wooden plug at 208 set with drill pipe
Cement plug 164 to 208 15 sax cement mixed to slurry and set through drill pipe
Heavy mud 40 to 164
Wooden plug at 40 set with drill pipe
Cement plug bottom of cellar to 40 10 sax cement mixed to slurry and set through drill pipe and poured into hole



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

Correspondence regarding this well should be addressed to The Palmer Oil Corporation
Address 415 Union National Bank Building, Wichita, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.
J. P. McKee (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) J. P. McKee
415 Union National Bank Building
(Address)

SUBSCRIBED AND SWORN to before me this 22nd day of October, 19.46
Bonnie Durall
Notary Public.

My commission expires 3/21/49

WELL LOG - SPASCHENBERG #1

Well Owner - The Palmer Oil Corporation
 Contractor - The Palmer Oil Corporation

Sec. 21, Twp. 22S, Rge. 12E

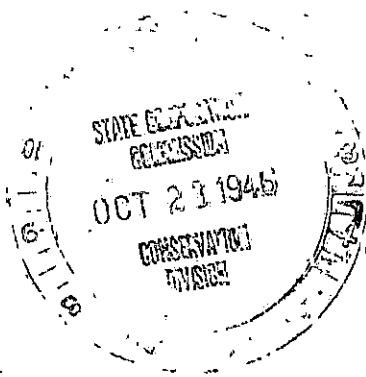
Commenced: 10/3/46
 Completed: 10/18/46

Location: W 1/2 SE
 County: Stafford County, Kansas
 Elevation: 1866

Total Depth: 3736'

Casings: 8 5/8" - 208' con. 125 cas

Surface	0	35
Sand	35	43
Shale & Shells	43	73
Gravel	73	103
Shale & Shells	103	180
Red Bed	180	214
Red Bed & Shells	214	656
Anhydrite	656	735
Shale & Linc	735	1090
Shale & Galt	1090	1230
Shale & Shells	1230	1470
Linc & Shale	1470	1670
Sandy Linc	1670	1750
Linc	1750	1885
Sandy Linc	1885	1975
Broken Linc	1975	2165
Shale & Linc	2165	2280
Shale & Shells	2280	2375
Shale & Linc	2375	2510
Shale & Shells	2510	2645
Shale & Linc	2645	2872
Linc	2872	3110
Cherty Linc	3110	3140
Linc	3140	3200
Linc & Shale	3200	3370
Linc	3370	3495
Hard Linc	3495	3550
Linc	3550	3605
Linc & Chert	3605	3630
Shale & Sand	3630	3655
Shale & Linc	3655	3702
Sand	3702	3709
Linc	3709	3736
Total Depth		3736



Plugged and Abandoned

Formations tops corrected to electric log.

Anhydrite	650
Lensing	3520
Conglomerate	3598
Viola	3604
Simpson	3636
Arbuckle	3704
Total Depth	3736

PLUGGING
 FILE SEC-21 T22R1210
 BOOK PAGE-77 LINE 26

Drill stem test 3706-3711 - Tool open 15 minutes - Recovered 25 feet thin water cut and slight sulphur odor.

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

THE PALMER OIL CORPORATION

J. P. McKee

STATE OF KANSAS)
 COUNTY OF STAFFORD) SS

Subscribed and sworn to before me, a Notary Public in said County and State, this 22nd day of October, 1946.

Bonnie Duwall
 Notary Public

My commission expires 3/21/49