

15169-00100-0000

STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Saline County, Sec. 1 Twp. 16S Rge. 4W (E) (W)

Location as "NE/CNW $\frac{1}{4}$ /SW $\frac{1}{4}$ " or footage from lines NW/4 NW/4 SE/4

Lease Owner R. R. Seymour

Lease Name L. Palm Well No. 1

Office Address Colby, Kansas

Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole

Date well completed September 6, 19 51

Application for plugging filed September 6, 19 51

Application for plugging approved September 6, 19 51

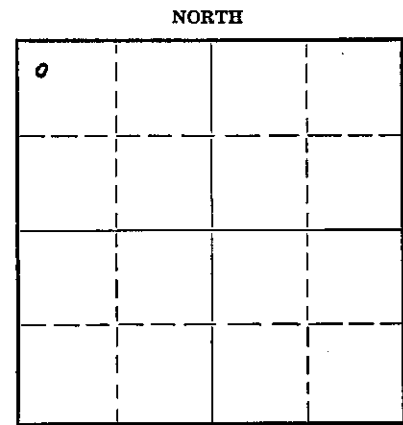
Plugging commenced September 6, 19 51

Plugging completed September 6, 19 51

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? Yes



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Ruel Durkee

Producing formation None Depth to top Bottom Total Depth of Well 3440 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
Maquoketa Dol.	Dry	3436	3440	8 5/8"	365'	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.

Set Wood Plug at 165'
Cemented w/ 15 sacks
Mud from 165' to 25'
Cemented w/ 5 sacks
Mud from 25' to 6'
Surface soil from 6' to top.

12-27-51

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

Name of Plugging Contractor J. A. Melland

Address 1111 North Main Street, Hutchinson, Kansas

STATE OF Kansas, COUNTY OF Saline, ss.

T. A. Phillips (Employer, 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) T. A. Phillips

535 State St. Salina, Kansas

(Address)

SUBSCRIBED AND SWORN to before me this 26th day of December, 19 51

My commission expires April 12, 1952

Notary Public

PLUGGING
FILE SEC 1 T 16 R 4 W
BOOK PAGE 108 LINE 20

September 6, 1951

GEOLOGIC REPORT

Seymour-Phillips
No. 1 Palm
NW NW SE Sec. 1-168-4W
Semi-Wildcat
Saline County, Kansas

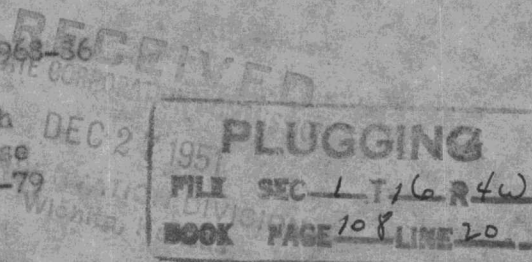
Elevation: 1309 Rotary Bushing
1307 Derrick floor
Contractor: J. A. Melland
8-5/8" cag 350'; Completed 9-6-51
Dry and abandoned

The #1 Palm was drilled with rotary tools to 3440', Total Depth. Ten-foot samples were saved from 2900' to 3300', and five-foot samples from 3300' to Total Depth. One-foot drilling time was recorded from 2900' to Total Depth. All samples were examined with a microscope and drilling was observed from approximately 3330' to Total Depth.

FORMATION TOPS, OIL SHOWINGS AND RELATED DATA

Included below are detailed descriptions of all porous, oil-stained or otherwise significant lithologic zones. All measurements are based on the top of the Rotary Bushing.

<u>Formation Tops & Notable Zones</u> <u>(*Denotes oil staining)</u>	<u>Depth below</u> <u>Surface</u>	<u>Depth below</u> <u>Sea Level</u>	<u>Remarks</u>
BURGESS SAND (Shaly)	2905	-1596	
Gray to white medium to coarse-grained poorly sorted tight sand, some with white cementing material	2905-07		
"MISSISSIPPI LIME"	2907	-1598	
Buff medium crystalline dolomite, fair to good vugular porosity	2938-50		
Buff to gray-buff medium to finely crystalline glauconitic dolomite, fair to good vugular porosity	2950-68		
Gray to light brown finely sucrose glauconitic dolomite, fine to very slightly porous; light gray & gray translucent to devitrified chert	2968-36		
White devitrified to tripolitic tight chert with streaks light gray, buff & brown finely sucrose dolomite, very slight vugular porosity	3073-79		
Light gray to white opaque partly devitrified tight chert & traces light gray to buff finely sucrose dolomite with very slight porosity	3085-3103		
KINDERHOOK SHALE	3210	-1901	
MISNER SAND - Shaly (Approximate top)	3337	-2028	



Geologic report Page #2
 Seymour-Phillips #1 Palm
 NW NW SE Sec. 1-168-4N
 Saline County, Kansas

Traces gray to white medium grained partly
 pyritic tight sand; a few coarse and very
 coarse rounded free sand grains

3337-42

HUNTON

3362

-2053

White & greenish-white medium crystalline
 to chalky impure tight dolomite

3362-65

MAQUOKETA SHALE

3365

-2056

MAQUOKETA DOLOMITE

3436

-2127

Circulate 1 hr
 3439'

*Gray to light gray medium crystalline dolomite
 and white to light gray fossiliferous leached
 chert, abundant pieces of both with fair to
 good porosity & small shows free oil; few
 pieces with fair shows free oil

3436-40

Circulate 1 1/2 hrs
 3440' Drill Stem Test
 3437-40, open 45 min,
 strong blow throughout
 test, recovered 393'
 muddy saltwater; 15-
 minute Bottom Hole
 Pressure 1160 lbs

TOTAL DEPTH

3440

-2131

Dry and Abandoned

PRODUCTION POSSIBILITIES

As a result of the recovery of 393' of muddy salt water and no oil in
 the drill stem test from 3437-40, the Maquoketa Dolomite is considered condemned from
 the production standpoint. The failure of this formation to produce was due to its
 relatively low structural position rather than to an absence of porosity.

No oil showings were noted in any of the porous zones logged above the
 Maquoketa Dolomite.

STRUCTURAL COMPARISONS

The #1 Palm occupies an unfavorable structural position. On the subsea top
 of the Maquoketa Dolomite it is 21' lower than Phillips and Sanderson #2 Nyding, 1/2
 mile west in the SW SW NW Sec. 1-168-4N. It is 19' lower than the El Dorado Refining
 Co. #1 Olsson, NW NW SW Sec. 1, the south offset to the #2 Nyding.

The subject well is also 19' lower than Phillips and Sanderson #1 Nyding
 NW NW SW Sec. 1. It is 6' lower than Cooperative Refinery Association #2 Carlson,
 a dry hole a little over 1/2 mile north in the SE SW SE Sec. 36-158-4N. The #1 Palm
 is 8' lower on the Maquoketa Dolomite than the lowest producer drilled to date in
 the Smolan Pool, the W. G. Bruns #2 Dahlsten, in approximately C. E. NE NW Sec. 25-
 158-4N.

Yours very truly,