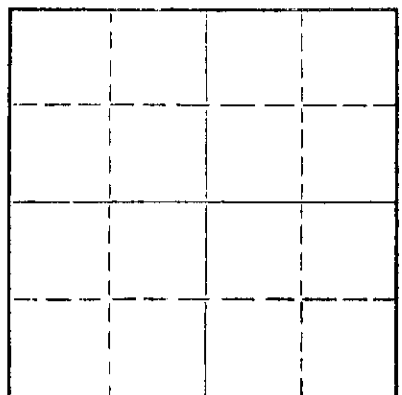


15-155-00208-00-00

STATE OF KANSAS
STATE CORPORATION COMMISSION
Give All Information Completely
Make Required Affidavit
Mail Decker Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

WELL PLUGGING RECORD

NORTH



Reno County, Sec. 14 Twp. 22S Rge. 8 (E) (W)
Location as "NE/CNW/SW" or footage from lines SW SW
Lease Owner Mack Oil Company
Lease Name Johnson Well No. 1
Office Address 812 Union Center, Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry
Date well completed 1-30 1962
Application for plugging filed 1-31 1962
Application for plugging approved 2-1 1962
Plugging commenced 2-1 1962
Plugging completed 2-1 1962
Reason for abandonment of well or producing formation Dry

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?

Name of Conservation Agent who supervised plugging of this well Fred W. Hempel
Producing formation none Depth to top Bottom Total Depth of Well 3665 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
<u>None</u>						

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 25 sacks at 210'. Set 10 sacks at 30'.

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2-12-62
CONSERVATION DIVISION

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

Name of Plugging Contractor Mack Oil Company
Address Box 471, Duncan, Oklahoma

STATE OF Kansas, COUNTY OF Sedgwick, ss.
Robert L. Harris (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) Robert L. Harris

(Address)

SUBSCRIBED AND SWORN TO before me this 6 day of February, 1962

HILDA GAULT, Notary Public
My commission expires Jan. 14, 1964
Hilda Gault Notary Public.



MACK OIL COMPANY
Wichita, Kansas

DRILLERS WELL LOG

Johnson #1

Commenced R.D.: 1-17-62
Completed R.D.: 1-30-62
Total Depth: 3665

C SW SW Sec. 14-22S-8W
Reno County, Kansas
Elevation: 1672 K.B.
Initial Production: Dry
Contractor: Mack Oil Co.

Casing Record: 8 5/8" @ 229' w/200 sx.

<u>STRATA</u>	<u>DEPTH</u>
Surface Sand	0 - 45
Sand	45 - 135
Shale	135 - 775
Shale and Sand	775 - 1184
Line	1184 - 1229
Shale and Shells	1229 - 1510
Shale, Sand and Lime	1510 - 1634
Line	1634 - 1715
Line and Shale	1715 - 1925
Shale and Lime	1925 - 2098
Shale	2098 - 2310
Shale and Shells	2310 - 2575
Shale and Lime	2575 - 2688
Line	2688 - 2916
Sand and Shale	2916 - 3065
Line	3065 - 3584
Chat	3584 - 3640
Line	3640 - 3665

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FEB 19 1962
CONSERVATION DIVISION
Topeka, Kansas

I hereby certify that the above is a true and correct log of said well as reflected by the daily drilling reports.

MACK OIL COMPANY

By Robert L. Harris

Signed and sworn to in my presence this 31st day of January, 1962 by Robert L. Harris, representative of Mack Oil Company.

Adela Petrik

Notary Public

My commission expires

Nov. 5, 1962

INVOICED

DATE _____

INV. NO. _____

Mack Oil Company
No. 1 Johnson
C SW SW Sec. 14-22-8W
Reno County, Kansas

Contractor: Mack Oil Company
Commenced: 1-18-62
Completed: 1-29-62
Production: D & A

Elevation: 1672' K.B. 1665 Top surface casing
Casing Record: 8 5/8" @ 229'
Samples: 20' samples 0 - 2800, 10' samples 2800 - 3500, 5'
 samples 3500 - RTD.
Drillstem Tests: 2 tests were run, 1 test in the Conglomerate
 and 1 test in the Mississippian.
A Gamma Ray-Neutron-Guard was run.

The geological phase of the drilling was supervised
from 2850' to RTD.

Following are the zones of interest and pertinent data
on the test:

<u>Heebner Shale</u>	Sample 2891	E Log 2889
<u>Toronto Lime</u>	Sample 2909	E Log 2904
<u>Douglas Shale</u>	Sample 2919	E Log 2914
<u>Brown Lime</u>	Sample 3065	E Log 3063
<u>Lansing</u>	Sample 3092	E Log 3089
3126-29	Limestone, tan, large oolites, some vuggular porosity, fine crystalline. N.S.	
3162-64	Limestone, gray, fine crystalline with poor pinpoint porosity. N.S.	
3193-3210	Limestone, tan-buff, sucrosic, oolitic with fair oolitic porosity. N.S.	
3220-30	Limestone, buff, fine crystalline, faintly oolitic, with poor oolitic to vuggular porosity, chalky. N.S.	

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FEB 1 1962

CONSERVATION
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3336-38	Limestone, gray, fine crystalline with a trace of poor pinpoint porosity. N.S.
3361-65	Limestone, light gray, with good oolitic porosity, chalky. N.S.
<u>Conglomerate</u>	Sample 3554 E Log 3554
3554-63	25% tripolitic, 75% varicolored fresh chert, tripolitic, has good show free oil, good florescence, tan stain, brown oil, with a few gas bubbles.
DST #1	3530-64 Open 1½ hours, recovered 130' GC & Oil specked mud. IBHP 1480/30" FBHP 180#/30" FP 40-80
<u>Mississippi Chert</u>	Sample 3563 E Log 3563
3563-83	Chert, white, semi-tripolitic to tripolitic, 100% having a fair to good show free oil, tan oil, good florescence, fair odor, free gas bubbles, tan stain, fair-good saturation.
DST #2	3564-84 Open 1 hour, recovered 1860' salt water IBHP 1178/30" FBHP 1018/30" FP 310-815
3583-3600	50% semi-tripolitic to tripolitic with a fair show free oil, spotty saturation, tan stain, 50% white fresh chert with some tan fresh chert.
3600-44	Mostly fresh chert, flesh to white with very scattered stain and florescence.
<u>Kinderhook</u>	Sample 3644 E Log 3644
<u>RTD</u> 3665	E Log TD 3665

Electric Log Calculations:

<u>Depth</u>	<u>Porosity</u>	<u>RW</u>	<u>M</u>	<u>Water</u>
3124-27	5 $\frac{1}{2}$.05	2.	100%
3223-26	12	.05	2.	85%
3359-63	12	.05	2.	70%
3554-56	23	.06	1.8	35%
3556-58	20	.06	1.8	73%
3558-60	22	.06	1.8	80%
3564-66	27	.06	1.6	80%
3600-02	20	.06	1.6	65%

Because of the lack of commercial shows, it was recommended the well be plugged and abandoned.

Harold L. Steincamp

Harold L. Steincamp