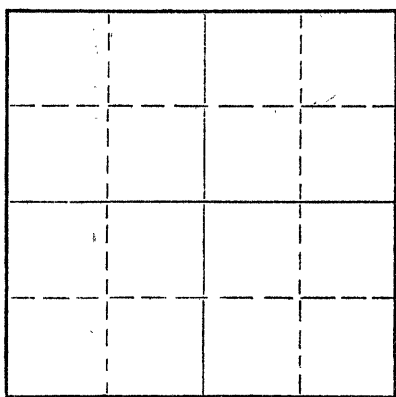


9

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

WELL PLUGGING RECORD

NORTH



Locate well correctly on above Section Plat

Phillips County, Sec. 33 Twp. 1 Rge. 18 (E) (W) x  
Location as "NE/CNW&SW¼" or footage from lines C of NW NE  
Lease Owner T. W. Jackson Oil Co.  
Lease Name Jackson Well No. #1  
Office Address Phillipsburg, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole)  
Date well completed 19  
Application for plugging filed 7-6-67 19  
Application for plugging approved 19  
Plugging commenced 8-15-67 19  
Plugging completed 8-18-67 19  
Reason for abandonment of well or producing formation

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?

Name of Conservation Agent who supervised plugging of this well Leo Massey  
Producing formation Depth to top Bottom Total Depth of Well 3695' 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
				5 1/2"	3694'	1463.48'
				8 5/8"	206'	

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.

Made bottom hole plug back with sand to 3490', mixed and ran 4 sacks cement thru dump baller.  
Squeezed hole with 20 sacks gel, followed with 100 sacks cement, followed with 15 sacks gel and displaced with 15 sacks cement.

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CONSERVATION DIVISION  
Wichita, Kansas

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

Name of Plugging Contractor Southwest Casing Pulling Co., Inc.  
Address Box 364, Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.  
Southwest Casing Pulling Co., Inc. (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) W. C. Spencer Sec.  
Box 364, Great Bend, Kansas  
(Address)

SUBSCRIBED AND SWORN TO before me this 21 day of August, 19 67

My commission expires 24 October 1968

Sidney D. Miller  
Notary Public.

FRANK HAMLIN  
Petroleum Geologist

TELEPHONES: OFFICE GL 3-5251; RES. GL 3-6449

5215 1/2 WEST TENTH

POST OFFICE BOX 446 GREAT BEND, KANSAS

15-147-01011-00-00

August 21, 1961

T. W. Jackson Oil Co.  
Phillipsburg, Kansas

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WICHITA, KANSAS

Re: #1 Jackson  
NW NE, Sec. 33-1-18W  
Phillips, County, Kansas

GENERAL DATA:

Operator: Jackson Oil Co.  
Commenced: 8-13-61  
Surface pipe: 8 5/8" @ 206'  
Elevation: 2257KB

Contractor: Leben Drlg.  
Completed: 8-20-61  
Total Depth: 3695'  
Prod. Pipe: 5 1/2" @ 3695'

Sample cuttings were saved and have been examined microscopically from 3100 feet to rotary total depth. A one (1) foot drilling time log was kept over the same interval. The well was under geological supervision from 3200' to total depth.

<u>Formation</u>	<u>Depth</u>	<u>Sub-sea</u>
Topeka	3210	-953
Heebner	3422	-1165
Toronto	3447	-1190
Lansing-KC	3465	-1208
Base/Kansas City	3690	-1433

The following zones of porosity and shows of oil which were observed in sample cuttings are as follows:

Lansing-Kansas City

3498-3503 Limestone, white to gray, fine crystalline, cherty, fossiliferous with scattered show of free oil in vugular porosity.

3518-3520 Limestone, gray, dolomitic, cherty with weak spotted stain in poor pin point porosity.

Drill Stem Test #1

Tool open one hour, weak blow for two minutes, recovered 20' of oil cut mud. ISIP-970#/30 min. FSIP-795#/30 min. FP-50/50#.

3540-3547 Limestone, white to gray, fine crystalline, with fair scattered show of free oil in fair vugular to inter-crystalline porosity.

Drill Stem Test #2

Tool open 90 minutes, weak to fair blow throughout test, recovered 50 feet of free oil plus 15 feet of oil cut mud. ISIP-missed. FSIP-missed. FP-50/65#.

Lansing Kansas City Section:

3615-3617 Limestone, white to gray, fine crystalline, slightly cherty with very weak spotted stain in poor pin point porosity.

Structure:

On top of the Lansing at 3465 (-1208) the #1 Jackson is 19 feet lower than the Jackson D #1, which lies 330' west and 2410' north; and 10 feet lower than the Ana Lowe #1, which lies 330' west and 990' south, both of which produce from the Lansing.

Recommendation:

As a result of the drill stem tests taken on the subject well which compared favorably with tests on other commercial producers in the area, it was recommended that 5 1/2" casing be set to further test this well for commercial oil.

Pertinent zones: 3498 to 3503, 3518 to 3520, and 3540 to 3547. The "G" zone 3615 to 3617 did not appear favorable in sample cuttings, however it should be observed closely in log analysis.

These above mentioned zones should be correlated with Gamma Ray Neutron Log to identify more accurately the actual zones of porosity.

Respectfully submitted,

By: Frank Hamlin  
Frank Hamlin

Jackson #1 Jackson  
 NW NE Sec. 33-1-18W  
 Phillips County, Kansas  
 Elev. 2257 KB

DRILLING TIME LOG

Depth	Time	Remarks
3100-3110	1-1-1-1-3-2-2-1-1-1	
3120	2-3-1-4-5-5-5-4-2-3	
3130	4-5-6-5-5-5-4-5-5-5	
3140	5-6-4-2-2-4-4-3-4-3	
3150	3-3-2-3-3-2-4-5-6-7	
3160	4-3-4-4-4-4-4-3-4-3	
3170	3-2-4-1-4-4-4-5-4-4	
3180	5-4-3-3-3-3-2-3-2-2	
3190	4-3-3-3-3-3-4-3-3-3	
3200	2-2-4-4-2-2-3-3-3-3	
3200-3210	4-4-4-5-4-3-4-4-4-3	
3220	5-5-5-6-5-5-6-4-4-3	
3230	2-3-4-4-4-5-4-3-3-3	
3240	2-1-1-1-3-5-5-4-4	
3250	5-4-2-2-3-5-6-7-6-7	
3260	4-2-3-5-5-3-4-2-2-2	
3270	2-3-3-4-3-3-3-2-1-3	
3280	2-3-4-2-3-2-2-2-1-2	
3290	2-2-5-6-7-6-7-6-3-3	
3300	7-4-4-4-5-6-6-7-7-6	
3300-3310	6-8-6-6-5-5-3-2- $\frac{1}{2}$ - $\frac{1}{2}$	
3320	1-2-1-1-1-1-1-1-2-1	
3330	2-1-1-1-2-3-3-2-1-2	
3340	2-1-1-2-3-3-6-6-7-8	
3350	4-3-7-5-3-3-3-3-3-2	
3360	9-8-8-7-7-9-8-7-6-5	
3370	4-4-4-5-5-4-6-7-9-9	
3380	9-8-4-4-3-4-5-5-5-4	
3390	4-5-2-3-4-6-3-4-5-5	
3400	5-5-5-4-4-5-4-5-4-4	
3400-3410	4-4-3-3-3-4-4-4-2-3	
3420	3-3-2-3-3-4-4-4-4-4	
3430	4-3-2-2-2-3-6-4-2-3	
3440	3-3-3-3-3-3-3-3-3-3	
3450	4-4-3-3-4-3-3-3-3-2	
3460	1-3-4-6-5-5-6-5-5-6	
3470	3-4-3-4-4-6-6-6-5-5	
3480	6-7-6-7-7-7-7-7-7-7	
3490	7-8-9-8-4-7-7-4-3-7	
3500	6-6-6-5-6-5-4-6-4-5	
3500-3510	6-6-6-7-8-8-8-7-6-6	
3520	6-6-7-6-4-4-3-2-3-4	
3530	7-7-7-8-8-4-4-6-6-5	
3540	5-5-2-4-6-3-4-6-8-7	
3550	5-4-4-6-6-4-4-9-6-4	
3560	7-6-4-5-5-4-5-5-6-8	
3570	4-8-10-8-7-6-6-6-7-10	
3580	6-9-5-4-6-7-8-10-4-3	
3590	5-8-4-6-5-6-6-5-5-6	
3600	7-12-10-8-7-7-9-10-8-4	

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Trip @ 3372'

Circ. & DST @ 3525'

Circ. & DST @ 3555'

Jackson Oil #1 Jackson  
Drilling Time Log

(2)

3600-3610	11-12-12-15-12-12-11-12-5-5
3620	4-4-4-5-5-6-9-6-7-9
3630	9-6-7-8-9-5-3-5-4-5
3640	5-5-4-3-3-7-5-5-5-6
3650	3-4-7-9-6-7-8-6-3-5
3660	5-5-5-5-5-7-4-4-3-4
3670	3-5-3-3-4-3-5-7-5-5-
3680	6-8-9-8-6-2-3-5-5-8
3690	4-4-5-5-4-5-6-3-5-7
3700	4-4-3-4-4

Rotary total depth 3695'

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