

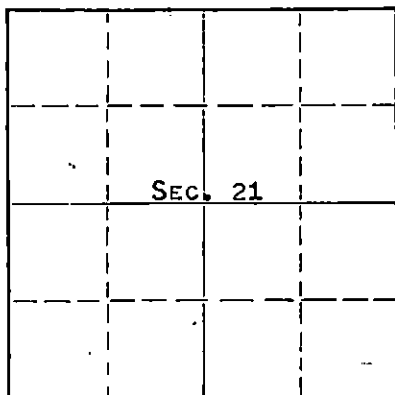
WELL PLUGGING RECORD

Give All Information Completely  
Make Required Entries  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
211 No. Broadway  
Wichita, Kansas

STAFFORD County, Sec. 21 Twp. 21 Rge. 13W (X) (W)

Location as "NE/CNW/SW" or footage from lines SW NE NE  
Lease Owner PETROLEUM, INC.  
Lease Name HOFFMAN "A" Well No. 4  
Office Address ROUTE 2, GREAT BEND, KANSAS  
Character of Well (completed as Oil, Gas or Dry Hole) OIL  
Date well completed NOVEMBER 19, 1954  
Application for plugging filed JUNE 25, 1963  
Application for plugging approved JUNE 25, 1963  
Plugging commenced JULY 1, 1963  
Plugging completed JULY 9, 1963  
Reason for abandonment of well or producing formation DEPLETION OF  
PRODUCIBLE FORMATIONS  
If a producing well is abandoned, date of last production JUNE 25, 1963  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? YES

NORTH



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well ARCHIE ELVING  
Producing formation ARBUCKLE Depth to top 3670' Bottom -- Total Depth of Well 3730 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
ARBUCKLE	WATER &	3690	3692	8-5/8"	324'	NONE
	SMALL AMOUNT	3688	3690	5-1/2"	3729	3015'
	OF OIL	3690	3694			

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.

PRESENT TOTAL DEPTH 3724'

FILLED HOLE WITH CRUSHED ROCK FROM 3724' TO 3675' RAN 5 SACKS CEMENT FROM 3675' TO 3645'. FILLED HOLE WITH MUD TO 330' AND BUILT SOLID ROCK BRIDGE TO 320'. RAN 20 SACKS CEMENT FROM 320' TO 250'. FILLED HOLE WITH MUD TO 40' AND BUILT SOLID ROCK BRIDGE TO 30'. FILLED HOLE WITH TEN SACKS OF CEMENT TO BASE OF WELL CELLAR.

RECEIVED  
STATE CORPORATION COMMISSION

JUL 25 1963

CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor MORGAN WELL PLUGGING SERVICE  
Address ROUTE 3, HUTCHINSON, KANSAS

STATE OF KANSAS, COUNTY OF BARTON, ss.  
DON SEARLE (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. DON SEARLE, DIST. PROD. SUPT.  
(Signature) [Signature]  
ROUTE 2, GREAT BEND, KANSAS (Address)

SUBSCRIBED AND SWORN TO before me this 19TH day of JULY, 1963

My commission expires APRIL 14, 1967 [Signature] Notary Public.

DRILLER'S LOG

COMPANY: Petroleum Inc., and Westgate-Greenland Oil Co  
 CONTRACTOR: Jackson Drilling Corporation  
 FARM: Hoffman #4, SW NE NE Sec. 21-21-13W,  
 Stafford County, Kansas  
 COMMENCED: October 26, 1951  
 COMPLETED: November 9, 1951- Rotary  
 ELEVATION: 1890 DF

0	To	50	Sand
50	to	75	Sand and pyrite
75	to	310	Sand and shale
310	to	325	Shale and shells
325	to	375	Shale
375	to	758	Shale and red bed
758	to	785	Anhydrite
785	to	1680	Shale and shells
1680	to	1715	Lime
1715	to	2380	Lime and shale
2380	to	2505	Shale
2505	to	3150	Lime and shale
3150	to	3200	Lime
3200	to	3319	Lime and shale
3319	to	3333	Brown lime
3333	to	3545	Lansing lime
3545	to	3575	Lime and shale
3575	to	3624	Viola
3624	to	3670	Shale
3670	to	3730	Arbuckle
		3730	T. D. Rotary

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Set 324 feet of 8 5/8" Surface. Cemented with 225 sacks cement and 3 sacks calcium chloride.

Set 5 1/2" casing at 3729. Cemented with 100 sacks cement, 2% gel.

Tops: Lansing 3332. Arbuckle 3670.

Drill Stem Tests: <sup>1 33 67</sup> 3408-32, rec. 32 ft very slightly oil cut mud, 80# BHP.  
<sup>2</sup> 3413-65, open 3/4 hr, rec 12 feet mud, BHP 360#.  
<sup>3</sup> 3580-3626, open 3/4 hr, rec 15 feet mud.  
<sup>4</sup> 3671 1/2-3675, rec 15 feet oil and gas cut mud.  
<sup>5</sup> 3675-3680, open 1 hr, rec 12 feet mud, no BHP.  
<sup>6</sup> 3680-90, open 2 hr, rec 82 ft oil cut mud, 150# BHP.  
<sup>7</sup> 3690-3700, open 1 hr, rec. 300 feet oil, 1600' gas, 1095# BHP.

C E R T I F I C A T E

I, Harold A. Burt, do hereby certify that the above and foregoing is a true and correct copy of log of the Hoffman #4, Section 21-21-13W, Stafford County, Kansas, as reflected by files of the Jackson Drilling Corporation.

Harold A. Burt  
 Harold A. Burt

Subscribed and sworn to before me, a Notary Public, within and for Sedgwick County, Kansas, this 15th day of November, 1951.

Esther Russell  
 Notary Public

My commission expires May 25, 1953