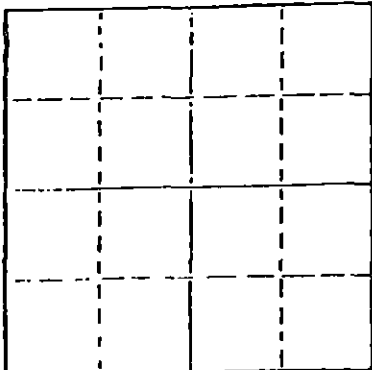


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Sedgwick County, Sec. 31 Twp. 27 Rge. 4 E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines SE SW SW
Lease Owner Maurice L. Brown
Lease Name Bartholomew Tract 14, Well #8 No.
Office Address Wichita, Kansas 67202
Character of Well (Completed as Oil, Gas or Dry Hole)



Locate well correctly on above
Section Plot

Date Well completed 19
Application for plugging filed 19
Application for plugging approved 19
Plugging commenced 10/16/78 19
Plugging completed 10/25/78 19
Reason for abandonment of well or producing formation
depleted.
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

Name of Conservation Agent who supervised plugging of this well Thompson
Producing formation Depth to top Bottom Total Depth of Well 3769
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
				8-5/8	198	none
				5 1/2"	3756	3009'

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 hold. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Sanded to 3750' and ran 5 sacks cement. Shot pipe at 3076', 3017', pulled 100 joints. Set rock bridge at 410' and ran 6 yards ready mix.

PLUGGING COMPLETE.

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STATE CORPORATION COMMISSION

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

Name of Plugging Contractor VOTH CASING PULLING
CHASE, KANSAS

NOV - 7 1978
11-7-78
CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS COUNTY OF RICE, ss.

WALTER VOTH

(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) Walter Voth

CHASE, KANSAS

(Address)

SUBSCRIBED AND SWORN TO before 1st day of October, 19 78



Margaret Melcher
Notary Public.

My commission expires

COMPANY: Westgate Greenland Oil Co.
 CONTRACTOR: Jackson Drilling Corporation
 FARM: Davis #8
 LOCATION: SE SW SW Section 31-27-4N,
 Sedgewick County, Kansas
 ELEVATION: 1421 D.F.
 COMMENCED: September 29, 1950
 COMPLETED: October 10, 1950 Rotary
 October 16, 1950 Cardwell

0	to	105	Clay and Sand
105	to	425	Shale and Shells
425	to	585	Salt and Shale
585	to	725	Shale and Lime Shells
725	to	780	Anhydrite
780	to	2905	Lime and Shale
2905	to	2980	Lime and Broken Lime
2980	to	3032	Lime and Shale
3032	to	3162	Lime
3162	to	3215	Lime and Shale
3215	to	3260	Lime
3260	to	3655	Lime and Shale
3655	to	3727	Lime
3727	to	3764	Mississippi
3764	to	3769	Lime
		3769	T.D.

8 5/8" 24# casing set at 198 feet. Cemented with 135 sacks cement.

5 1/2" casing set at 3756 feet. Cemented with 75 sacks cement.

Drill stem test at 3757-3764. Open 1 hour - Recovered 30 feet of oil and gas
 out and.

1,000 gallons Dowell service. Stripping 35 barrels oil in 1 hour.

Tops:	Brown Lime	2860
	Lansing	2900
	Mississippi	3717
	Dolomite	3756

Potential 58 barrels

All measurements from top of derrick floor.

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OCT 11 1950

CONSERVATION DIVISION
 Wichita, Kansas

C E R T I F I C A T E

I, Clare A. Stewart, do hereby certify that the above and foregoing is a true and correct copy of log of the Davis #8, Section 31-27-4N, Sedgewick County, Kansas, as reflected by files of the Jackson Drilling Corporation.

Clare A. Stewart
 Clare A. Stewart

Subscribed and sworn to before me, a Notary Public, within and for Jackson County, Kansas, this 22nd day of November, 1950.

Dorothy J. Wilson
 Dorothy J. Wilson

My Commission Expires November 30, 1950.

THE SHELLOW WATER REFINING CO.

INTER-OFFICE CORRESPONDENCE

June 24,

64
19

DATE

To File

NAME OR DEPT.

PLACE

From Frank Novy, Jr.

NAME

Wichita, Kansas

PLACE

SUBJECT

**BARTHOLOMEW UNIT - TRACT 14 - WELL 8
SE SW SW of Section 31-27-4W
Sedgwick County, Kansas**

USE SEPARATE SHEET FOR EACH SUBJECT

Answering yours of _____

5 1/2" casing at 3756'
C.T.T.D. 3781'
25' open hole

June 23, 1964

Halliburton rigged up and acidized using a total of 3000 gallons 15% CRA acid, 250 gallons 15% NE in 2 stage treatment. Treatment and pressure as follows:

Pressure tubing to 650#.

1000 gal. oil with 30# matri-seal
(fluid loss additive)

1500 gal. 15% CRA

10 bbl oil

800# TLC (400# WG & 400# 15) plugging
material mixed in jelled water.

6 bbl oil

250 gal 15% NE acid with 5% citric added - 5 bpm -- caught pressure

8 bbl oil - 5 bpm -- 500#

1500 gal. CRA - 4 bpm -- 500#

10 bbls. oil - 4 bpm -- 550#

10 bbls. oil - 4 bpm -- 650#

100% increase due to plugging material hitting formation.

15 bbl. oil and 400# lime - 4 bpm -- 600#

65 bbl oil flush - 4 bpm -- 600#

20 bbls pumped - 4 bpm -- 750#

30 bbl pumped - 4 bpm -- 800#

35 bbls pumped - 4 bpm -- 850#

40 bbls pumped - 3 bpm -- 800#

50 bbls pumped - 3 bpm -- 800#

65 bbls pumped - 3 bpm -- 800#

Shut down pump - 1 minute pressure drop -- 500#

5 minute pressure drop -- 500#

Close casing - 3 hrs. casing on slight vacuum.

Total of 138 bbls. oil used.

RECEIVED
OCT 11 1978
CONSERVATION DIVISION
Wichita, Kansas

SIGNATURE

PACKED OFF
No.

Well

PLAN-O-GRAM

Company SMALLOW WATER REE. CO.

Well No. 8 Lease TRACT No. 14

MIDDLE OF PRESSURE (11000)

SE SW SW
SEC. 31-27-4W

ORIGINALLY DRILLED TO
3767' T.D.

TREATED w/ 1000 GALS. DOW IX ACID
TREATED @ 1/2 BPM @ 450 PSI.

DEEPENED TO 3781' - T.D. DEC. 15, 1950

TREATED w/ 1000 GALS. DOW IX ACID
ON VAC. EXCEPT ON TAIL END
OF FLUSH - INJ. PRESS - @ 350 PSI.

PRESENT PROD. 13 BOPD.
9.8 BPM.

- PUMP 1000 GAL. OIL w/ 30 LBS. MATRISEAL/1000
- 1500 GAL. 15% CRA
- 10 BBLs. CRUDE
- 800 LBS. T.L.C. (400# - 15)
- 5 BBLs. CRUDE (400# - W-13)
- 250 GALS. 15% H.E. w/ 5% CITRIC ACID
- 8 BBLs. OIL
- 1500 GALS. 15% CRA
- 10 BBLs. OIL
- 15 BBLs. OIL w/ 400# LINE
- DISPLACE CASING w/ APPROX 70 BBLs.

3756' - 5 1/2" CSG.

MISS. - 3781' T.D.

Cementing

Special Tools

Acidizing

Chemical Services

Formation Testing

Fracturing

Dump Boiler

Casing Equipment



8 1/2
5 1/4
2 5/8