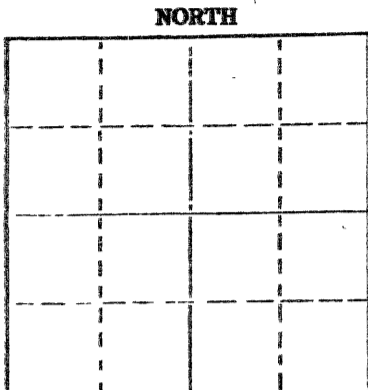


STATE OF KANSAS
 STATE CORPORATION COMMISSION
 CONSERVATION DIVISION
 P. O. BOX 17027
 WICHITA, KANSAS 67217

FORM CP-4

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Norton County. Sec. 36 Twp. 3 Rge. 24 (E) (W) X
 Location as "NE/CNWSW2" or footage from lines C of SE
 Lease Owner Theodore Gore
 Lease Name Lawson Well No. #7
 Office Address 650 Fourth National Bank Bldg. Wichita, Kansas
 Character of Well (completed as Oil, Gas or Dry Hole)
 Date well completed 19
 Application for plugging filed 19
 Application for plugging approved Sept. 26, 1974 19
 Plugging commenced 10-16-74 19
 Plugging completed 10-23-74 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 W. L. Nichols
 Producing formation Depth to top Bottom Total Depth of Well 3782' 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
				7"	3781'	1033.64'
				10"	260'	

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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 3750'. Mixed and ran 5 sacks cement thru dump bailer.
 Squeezed hole with 5 sacks hulls - 15 sacks gel - 140 cu. ft. cement and 21 sacks gel. Released plug 40 cu. ft. cement and 7 sacks gel. Displaced with 15 cu. ft. cement

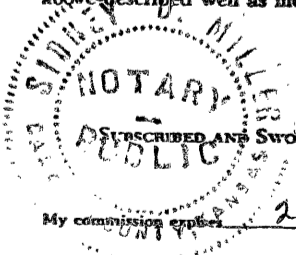
(If additional description is necessary, use BACK of this sheet)

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

STATE OF Kansas COUNTY OF Barton, ss.
 Southwest Casing Pulling Co. (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 30 day of October, 1974



My commission expires 24 October 1976
 Sidney D. Miller
 Notary Public.

Log Bureau
June 21, 1954
15-137-0068500-01

COMPANY: HARRY GORE
CONTRACTOR: EMPIRE DRILLING COMPANY
FARM: CHARLES LAWSON #7
LOCATION: C SE $\frac{1}{4}$, SEC. 36-3-24
NORTON COUNTY, KANSAS
COMMENCED: 5-31-54
COMPLETED: 6-9-54

Potential: 169

0	TO	281	SURFACE HOLE
281	TO	2038	SHALE AND SHELLS
2038	TO	2069	ANHYDRITE
2069	TO	2715	SHALE AND SHELLS
2715	TO	3214	SHALE AND LIME
3214	TO	3260	LIME AND SHALE
3260	TO	3365	SHALE AND LIME
3365	TO	3535	LIME AND SHALE
3535	TO	3632	LIME AND CHERT
3632	TO	3667	LIME
3667	TO	3752	LIME AND SHALE
3752	TO	3779	SHALE AND LIME
3779	TO	3782	LIME
3782			R.T.D.

SET 260' OF 10" SURFACE CASING, CEMENTED WITH 135 SACKS OF CEMENT.

ELEVATION: 2454 K.B.

TOPS: HEEBNER 3485'; TORONTO 3511'; L.S. K.C. 3525'; BASE OF K.C. 3710;
ARBUCKLE 3779'; R.T.D. 3782'.

RAN 3781' OF 7" CASING, CEMENTED WITH 100 SACKS OF CEMENT.

C E R T I F I C A T I O N

I, DAN J. KORNFELD, DO HEREBY CERTIFY THAT THE ABOVE AND FOREGOING IS A TRUE AND CORRECT COPY OF THE LOG ON THE CHARLES LAWSON #7, C SW $\frac{1}{4}$ OF SECTION 36, TOWNSHIP 3, RANGE 24 WEST, NORTON COUNTY, KANSAS, AS REFLECTED BY THE FILES OF THE EMPIRE DRILLING COMPANY.



Dan J. Kornfeld
DAN J. KORNFELD

SUBSCRIBED AND SWORN TO BEFORE ME A NOTARY PUBLIC WITHIN AND FOR SEDGWICK COUNTY, KANSAS THIS 15TH DAY OF JUNE 1954.

MY COMMISSION EXPIRES MAY 5, 1956

Mary Zimmerman
NOTARY PUBLIC

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Wichita, Kansas

V. JEAN TAYLOR
CONSULTING PETROLEUM GEOLOGIST
 514 W. K. H. BUILDING
 WICHITA, KANSAS

Harry Gore
 Lawson No. 7
 Section 36, T 3 S, R 24 W
 Norton County, Kansas

Elevation: 2449 Ground
 2451 Derrick Floor
 2454 Kelly Bushing

Depths are from Kelly bushing.

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- SAMPLE LOG -

HEBNER 3485 (minus 1031)

Shale	- Black, carbonaceous.	3485 - 3490
Limestone	- Gray brown, fine crystalline.	3496
Shale	- Red brown.	3511

TORONTO 3511 (minus 1057)

Limestone	- Light gray, fine crystalline, slightly oolitic, with trace of spotted oil stain.	3511 - 3519
Shale	- Red brown.	3525

LANING-KANSAS CITY GROUPS Undifferentiated 3525 (minus 1071)

Limestone	- Light gray, fine crystalline, slightly chalky, slightly oolitic, trace of scattered stain in top. Base--light gray, fine crystalline.	3525 - 3546
Shale	- Red brown and brick red.	3560
Limestone	- Light gray, fine crystalline.	3564
Shale	- Red brown.	3569
Limestone	- Light gray to gray, fine crystalline, slightly calcitic.	3585
Shale	- Gray and red brown.	3593
Limestone	- Light gray to gray, nodular.	3602
Shale	- Red brown.	3607
Limestone	- Light gray, fine crystalline, with gray to bone white chert at base.	3620
Shale	- Red brown.	3622
Limestone	- Tan, fine crystalline.	3625
Shale	- Red brown.	3634
Limestone	- Light gray, fine crystalline, with spotted oil stain.	3647
Shale	- Gray and red brown.	3657
Limestone	- Light gray, fine to medium crystalline, slightly oolitic, with spotted oil stain.	3671
Shale	- Red brown.	3682
Limestone	- Light gray, fine crystalline, fossiliferous, with black dead oil stain.	3693
Shale	- Red brown.	3700

Harry Gore
Lawson No. 7
Section 36, T 3 S, R 20 W
Norton County, Kansas

- SAMPLE LOG -

Limestone - Cream to light gray, fine crystalline, slightly nodular.	3710
<u>BASE KANSAS CITY</u> 3710 (minus 1256)	
Shale - Red brown.	3715
Shale - Rust red, finely arenaceous.	3726
Limestone - Gray to gray brown, fine crystalline, fossiliferous.	3732
Shale - Rust red.	3743
Limestone - Gray, fine crystalline, fossiliferous, with spotted dead oil stain. Included glassy angular quartz fragments.	3762
Shale - Red brown and green, sub-waxen.	3777
Shale - Pale green.	3779
<u>ARBUCKLE</u> 3779 (minus 1325)	
Dolomite - Gray, medium rhombic, very glauconitic, with good odor and trace of free oil.	3779 - 3782
	<u>TOTAL DEPTH 3782</u>

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V. JEAN TAYLOR
CONSULTING PETROLEUM GEOLOGIST
 514 W. K. H. BUILDING
 WICHITA, KANSAS

Harry Gore

Lawson No. 7

Section 36, T 3 S, R 24 W

Norton County, Kansas

Elevation: 2449 Ground

2451 Derrick Floor

Size Hole 9"

Drill Pipe 4-1/2"

2454 Kelly Bushing

Size Pump Liners 7-1/4"

Length Stroke 12"

Depths are from Kelly bushing.

Depth	Time	Remarks
3300 - 3310	3-3-3-4-4-5-5-4-3-4	
3320	4-4-3-2-2-2-3-3-6-6	
3330	6-6-4-2-2-2-3-6-6-7	
3340	6-4-5-4-3-3-2-2-2-2	
3350	2-2-2-2-3-3-3-3-4	
3360	4-4-3-5-5-6-6-6-6-5	
3370	5-4-3-3-2-4-5-5-5-5	
3380	6-4-5-7-6-3-1-1-2-1	
3390	1-1-1-2-1-1-1-1-1-1	
3400	1-1-1-1-2-1-1-1-1-1	
3400 - 3410	1-1-1-1-1-1-1-1-2-1	
3420	2-5-5-6-9-7-5-6-7-5	
3430	5-5-4-4-4-6-6-6-5-6	
3440	8-6-7-5-7-8-9-9-10-9	
3450	8-7-4-3-8-8-6-8-7-7	
3460	3-6-5-8-9-5-3-4-3-5	
3470	4-4-6-7-8-4-5-6-5-5	
3480	6-6-7-7-7-6-6-7-8-6	
3490	9-8-9-9-4-3-4-4-3-3	
3500	4-4-7-7-6-5-4-3-4-4	
3500 - 3510	4-4-7-5-5-5-3-3-3-2	
3520	3-5-5-5-5-11-11-9-10-8	
3530	7-7-9-10-12-9-9-8-9-8	
3540	10-13-11-13-10-10-9-9-7-8	
3550	7-8-8-8-9-9-7-7-5-7	
3560	6-7-7-6-7-7-6-7-5-5	
3570	8-10-12-10-6-6-3-5-4-10	
3580	10-8-9- - 7-9-10-12-12-10	
3590	11-12-13-10-10-7-7-7-7	
3600	6-6-7-6-6-5-6-6-6-6	

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Kelly correction at 3574.
 Trip at 3585 OSC.

Harry Gore
Lawson No. 7
Section 36, T 3 S, R 21 W
Norton County, Kansas

Depth	Time	Remarks
3600 - 3610	6-6-7-7-6-7-6-7-6-6	
3620	6-9-7-9-9-9-12-17-14-16	
3630	11-6-16-10-9-6-9-9-9-9	
3640	8-9-6-6-8-8-10-8-9-7	
3650	10-9-9-13-11-8-11-8-9-10	
3660	11-10-11-11-10-13-10-11-10-10	
3670	9-8-8-8-10-6-4-7-7-6	Trip at 3665 OSG.
3680	6-4-4-6-5-6-6-5-5-4	
3690	3-3-4-3-3-4-5-6-8-7	
3700	6-5-5-4-4-4-5-4-5-4	
3700 - 3710	6-5-7-7-7-6-7-6-7-6	
3720	4-5-5-6-5-3-2-2-1-2	
3730	2-2-2-2-3-3-4-7-8-6	
3740	7-7-5-6-6-6-4-8-7-6	
3750	5-6-6-7-8-8-6-8-7-7	
3760	7-6-5-8-8-11-9-5-4-9	
3770	7-8-11-11-9-9-11-15-15-15	
3780	15-16-16-16-16-15-10-8- -6	Kelly correction at 3779. Very slightly rough at 3780 and 3781. Circulated for bottom hole samples and to condition hole for running casing at 3782.
3782	5-7	

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TOTAL DEPTH 3782 Feet.