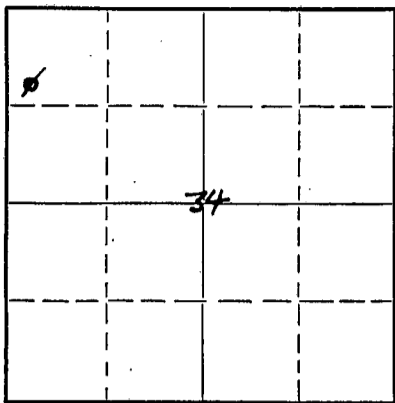


WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bittling Building
Wichita, Kansas

Saline County. Sec. 34 Twp. 15 Rge. 4W (E) (W)

Location as "NE/CNW $\frac{1}{4}$ /SW $\frac{1}{4}$ " or footage from lines SW NW NW
Lease Owner J. A. Melland
Lease Name H. Carlson Well No. 1
Office Address 1111 N. Main, Hutchinson, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed June 7, 19 51
Application for plugging filed June 12, 19 51
Application for plugging approved June 7, 19 51
Plugging commenced June 7, 19 51
Plugging completed June 7, 19 51
Reason for abandonment of well or producing formation Dry



Locate well correctly on above Section Plat

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 C. D. Stough, Great Bend, Kans.
Producing formation Depth to top Bottom Total Depth of Well 3798 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
Lansing Lime	Dry	2440'		8-5/8"	338'	None
Mississippi Lime	"	3108'	3186'			
Misener Sand	"	3566'	3569'			
Viola Lime	Water	3641'	3672'			
Simpson Dolomite	Dry	3794'	3798'			

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.

Heavy rotary mud 3798' to 175'
15 sacks of cement 175' to 150'
Heavy rotary mud 150' to 35'
10 sacks of cement 35' to 10'
Cellar filled with surface soil 10' to 0'

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STATE CORPORATION COMMISSION
JUN 18 1951
6-18-51
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Correspondence regarding this well should be addressed to J. A. Melland
Address 1111 North Main, Hutchinson, Kansas

STATE OF Kansas, COUNTY OF Reno, ss.
J. A. Melland, owner (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) J. A. Melland
1111 N. Main, Hutchinson, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 16th day of June, 1951.
Oliver O. Knowlton
Notary Public.



PLUGGING
FILE SEC 34 15 R 4W
BOOK PAGE 86 LINE 42

DRILLER I. Carlson WELL NO. L PLTW. 1352'

OWNER J. A. Molland

LOCATION SE 1/4 NW, Sec. 54-150-47, Saline County, Kansas

WORK COMMENCED May 22, 1951 DRILL. COMPLETED May 23, 1951

DRILLING COMPLETED June 7, 1951

CONTRACTOR J. A. Molland

ROTARY DRILLING FROM 0' TO 3798'

GEOLOGIST Geo. Waite, Wichita, Kansas

FORMATION	FROM	TO	REMARKS
Surface soil	0	40	
Shale and sand	40	100	
Shale, shells and sand	100	336	
ANHYDRITE	336	338	Set and cemented 8 5/8" OD 26" Steel Casing at 338' w/ 250 sacks cement.
Lime	338	595	
Lime, shale and salt	595	770	
Lime and salt	770	970	
Lime and sand	970	1080	
Lime and shale	1080	1125	
Shale and red bed	1125	1170	
Shale and shells	1170	1450	
Shale and lime	1450	1935	
Lime	1935	2890	Top Lansing Lime 2440'
Lime and shale	2890	3120	Top Mississippi Lime 3108'
Lime and chert	3120	3260	Medium to finely crystalline limy dolomite from 3146' to 3186'
Shale and lime	3260	3335	Chalky white lime to sugary dolomite trace light spotted stain, no odor, from 3254' to 3286'
Cherty Lime	3335	3420	Top Kinderhook 3420'
Lime and shale	3420	3648	Top Wisonor Sand 3566'
			Top Hunton Lime 3569'
			Top Maquoketa 3576'
			Top Viola Lime 3641'
			Medium to fine clear sub-angular sand with pyrite and phosphate nodules, no stain, no odor 3566' to 3569'
			3641' to 3672', medium crystalline cherty dolomite with vugular porosity no stain, no odor.
			DST 3641' to 3648', tool open 40 min recovered 230' salty water. After 15 mins. SI pressure test, BHP 1390, with 90' flowing pressure
Lime and chert	3648	3658	
Lime and shale	3658	3670	
Lime and shale	3670	3775	
Lime and shale	3775	3798	Top Simpson Dolomite 3794'
			3794' to 3798', showed some good porosity, no stain, no odor. Thin lenses of sand were present in Simpson

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JUN 10 1951

ROTARY TOTAL DEPTH 3798'

As there were no shows of oil or gas that warranted further testing, the hole was plugged and abandoned as follows:

- Heavy rotary mud 3798' to 175'
- 15 sacks of cement 175' to 150'
- Heavy rotary mud 150' to 35'
- 10 sacks of cement 35' to 10'
- Collar filled w/ surface soil to top.
- Plugging completed June 7, 1951

Dip logs were taken at 500' intervals and no deflections from vertical were recorded.

PLUGGING
FILE SEC 34T-15R-4W
BOOK PAGE 86 LINE 40