

WELL PLUGGING RECORD

STATE OF KANSAS STATE CORPORATION COMMISSION

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

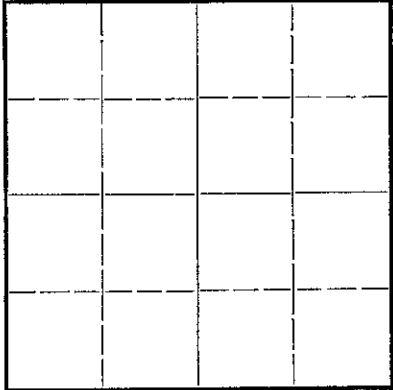
OR FORMATION PLUGGING RECORD

Strike out upper line when reporting plugging of formations.

Wichita County, Sec. 25 Twp. 18 Rge. 37 (W)

Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines... Lease Owner: Western Drilling Co., Inc., et al. Lease Name: Freeland Well No. 1 Office Address: 315 Derby Bldg., Wichita 2, Kansas Character of Well (completed as Oil, Gas or Dry Hole): Dry Date well completed: 4/17 19.47 Application for plugging filed: 4/17 19.47 Application for plugging approved: 4/17 19.47 Plugging commenced: 4/18 19.47 Plugging completed: 4/18 19.47 Reason for abandonment of well or producing formation: Dry

NORTH



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

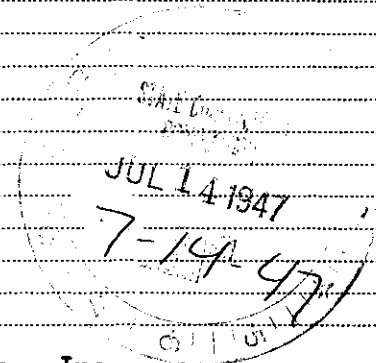
Name of Conservation Agent who supervised plugging of this well... Producing formation: Lime Depth to top: Bottom: 5630 Total Depth of Well: 5630 Feet

Show depth and thickness of all water, oil and gas formations. OIL, GAS OR WATER RECORDS CASING RECORD

Table with 7 columns: Formation, Content, From, To, Size, Put In, Pulled Out

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.

Filled with heavy mud. Pushed plug to 3250' - used 50 sacks cement - came out of hole top of cement set 3090'



(If additional description is necessary, use BACK of this sheet) Correspondence regarding this well should be addressed to: Western Drilling Co., Inc. Address: 315 Derby Bldg., Wichita 2, Kansas

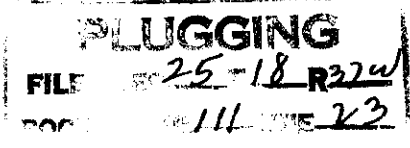
STATE OF KANSAS, COUNTY OF SEDGWICK, ss.

(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) R. Richard Stearns 315 Derby Bldg., Wichita 2, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 12th day of July, 1947, Vivian F. Ginger Notary Public.

My commission expires November 29, 1950.



E. M. SWEARER ET AL.  
 FREELAND No. 1.  
 Contractor: Harbar Drilling Company.  
 Samples examined, From 200' to 3210' -----

NE NE SW

Sec. 25, T. 18, R. 37W.  
 WICHITA COUNTY, KANSAS.  
 Elevation: 3305'

BY:

*Jack Cole*  
 7/6/46

SAMPLE STUDY LOG.

200 - 310	Gravel and Gray Shale.
310 - 350	Gray Shale and Gravel.
350 - 355	White Chalky Limestone.
355 - 370	Gray Shale and Gravel.
370 - 620	Gray Shale.
620 - 650	Incoherent Sand.
650 - 670	Gray, Mottled Limestone. Limonite.
670 - 725	Gray, Mottled Limestone and White Chalky Limestone.
725 - 990	Medium, Incoherent Sand.
990 - 1000	White, Chalky Limestone.
1000 - 1010	Gray, Sandy Shale.
1010 - 1040	Gray Shale.
1040 - 1105	Gray, Dense Limestone.
DAKOTA:	
1105 - 1155	Gray, Limy, Pyritic Sandstone.
1155 - 1190	Gray, Coarse Sandstone.
1190 - 1250	Gray, Coarse Sandstone. Cherty, Concretionary Limestone shells and Pyrite.
1250 - 1320	Red Sandy Shale. Pyrite and Gypsum.
1320 - 1420	Gray Shale.
-:CIMARRON GROUP:-	
1420 - 1600	Gray and Red Shale.
1600 - 1690	Anhydrite and Gray and Red Shale. (Medicine Lodge)
1690 - 1730	Red Shale.
1730 - 1740	Red Shale, Sandstone and Anhydrite Shells.
1740 - 1950	Red and Gray Shale and Shells.
1950 - 1990	Red and Gray Shale, shells and Pyrite.
1990 - 2360	Red Shale and Sandstone.
2360 - 2410	Anhydrite (Cedar Hills)
2410 - 2430	Anhydrite and Red Shale.
2430 - 2560	Red Shale and Anhydrite shells.
-:WELLINGTON GROUP:-	
2560 - 2600	Anhydrite and Red Shale.
2600 - 2690	Red Shale, Anhydrite shells and a trace of Gray Shale.
2690 - 2740	Anhydrite and Red and Gray Shale breaks.
2740 - 2790	Red and Gray Shale, Anhydrite and Salt.
HOLLENSBERG Ls:	
2790 - 2830	Brown and Gray, Finely Crystalline Dolomite. No Show.
2830 - 2851	Red and Gray Shale.
HERRINGTON Ls:	
2851 - 2868	Gray, Medium to Fine Crystalline Dolomite. No Show.
2868 - 2879	Gray, Crystalline Dolomite and Shale breaks.
WINFIELD Ls:	
2879 - 2893	Gray, Mottled Dolomitic Limestone and Gray Crystalline, Porous Dolomite. No Stain or Odor.
2893 - 2933	Red Shale and Limestone shells.
2933 - 2960	Red Shale.
FORT RILEY Ls:	
2960 - 2971	Gray, Crystalline, Dolomitic Limestone. Leached. No Show.
2971 - 2980	Gray Crystalline Dolomite. Porous in part. No Show.
2980 - 3005	Gray Crystalline Dolomite and Algal Limestone. No Show.
3005 - 3030	Red Shale.
FLORENCE Ls:	
3030 - 3059	Gray Crystalline Dolomite. No Show.
3059 - 3073	Red Shale.
3073 - 3110	Red-Brown Dolomite. No Show.
3110 - 3120	Gray Crystalline Dolomite. No Show.
3120 - 3135	Gray, Algal Limestone.
3135 - 3150	Green and Red Shale.
3150 - 3160	Gray Limestone.
3160 - 3169	Red and Gray Shale.
3169 - 3189	White Limestone.
3189 - 3200	Gray Crystalline Dolomite. No Show.
3200 - 3210	Red and Gray Shale.

On Recommendation of An Electrical logging device, 8 5/8" Casing was cemented @ 3210' and Perforated from 2839' to 2840' where Salt water was encountered.

25 18 37W  
 111 23

DRILLING LOG

Freeland No. 1 - NE $\frac{1}{4}$ SW $\frac{1}{4}$  Section 25, Township 18, Township 37 West,  
Wichita County, Kansas

DRILLED FOR: The Western Drilling Co., Inc., et al.

DRILLED BY: The Western Drilling Co., Inc.

COMMENCED: 4/4/47

COMPLETED DRILLING W/ROTARY: 4/17/47

<u>Reaming</u>	4050
<u>Reaming</u>	4700
<u>Reaming</u>	4975
<u>Reaming</u>	5005
Lime	5007
Shale and Lime	5033
Shale and Lime	5049
Lime	5067
Lime	5082
Broken Lime and Shale	5088
Lime	5098
Lime and Shale	5113
Lime	5117
Lime	5119
Lime	5140
Lime	5160
Shale & Lime	5183
Lime	5184
Shale & Lime	5204
Lime	5248
Lime	5297
Lime	5321
Lime	5348
Lime	5362
Lime	5376
Lime	5389
Lime and Chert	5407
Lime	5433
Lime	5455
Lime	5471
Lime	5494
Lime	5527
Lime	5553
Lime	5606
Lime	5630
Total Depth	5630



25-18-37W  
111-23