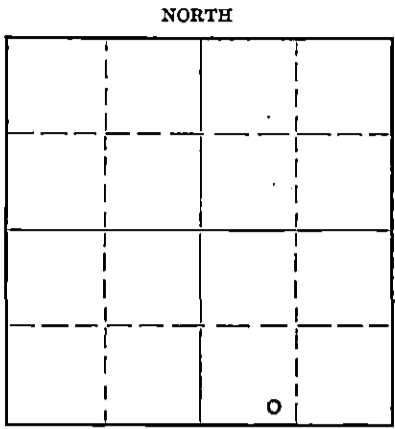


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD



Locate well correctly on above
Section Plat

Reno County, Sec. 8 Twp. 24S Rge. 4W (W)
Location as "NE/CNW 1/4 SW 1/4" or footage from lines SE SW SE
Lease Owner J. H. Johnson
Lease Name Hefling Well No. 1
Office Address 1256 W. 71st Terrace, Kansas City, Mo.
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed December 29, 1949 19
Application for plugging filed June 17, 1950 19
Application for plugging approved June 19, 1950 19
Plugging commenced July 11, 1950 19
Plugging completed July 13, 1950 19
Reason for abandonment of well or producing formation Dry Hole

If a producing well is abandoned, date of last production none 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 Ruel Durkee
Producing formation Depth to top Bottom Total Depth of Well 3015 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
				8 5/8"	317	
				5 1/2"	331 1/2	

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.

Previously plugged back to 3015 feet.
Chat from 3015 feet to 2985 feet.
Dumped 6 sacks of cement at 2985 feet.
Mud to 317 feet. Rock from 317 to 307 feet, and 15 sacks of cement.
Mud to top. 5 sacks of cement at base of cellar.

RECEIVED
STATE CORPORATION COMMISSION
SEP 29 1950
CONSERVATION DIVISION
Wichita, Kansas

9-29-50

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

Correspondence regarding this well should be addressed to West Supply Company
Address Box 506, Chase, Kansas

STATE OF Kansas, COUNTY OF Rice, ss.
H. L. Herbel (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) [Handwritten Signature]

SUBSCRIBED AND SWORN to before me this 28th day of September 19 50
[Handwritten Signature] Notary Public.

My commission expires Dec. 5, 1950.

22-7377-8 4-49-10M
PLUGGING
FILE SEC 8 T 24 R 40
BOOK PAGE 15 LINE 27

FORMATION LOG

J. H. Johnson #1 Hefling
SE SW SE 8-24S -4W
Reno County, Kansas
Elevation: 1473 Derrick Floor

8-5/8" 317' 225 sacks
5-1/2" 3314' 90 sacks
Comm: 12-10-49
Comp:

Note: All measurements are taken from the top of the rotary bushing which is even with the derrick floor.

<u>Depth</u>	<u>Formation Description</u>	<u>Remarks</u>
0 - 100	Sand and shale	Drillers log 0 - 2500'
100 - 200	Shale & shells	
200 - 250	Sand & shale	
250 - 275	Shale	
275 - 288	Sand	
288 - 525	Shale & shells	
525 - 620	Limestone	
620 - 960	Limestone & shale	
960 - 1175	Limestone	
1175 - 1210	Shale & Shells	
1210 - 1325	Shale & limestone	
1325 - 2245	Limestone & shale	
2245 - 2335	Limestone	
2335 - 2490	Limestone & shale	
2490 - 2500	Shale	
2500 - 2520	Shale, gray, green & brown	Sample log 2500' to Total Depth
2520 - 2560	Shale, as above; sand gray, medium to fine grained.	
2560 - 2580	Sand, large rounded to sub-rounded	
2580 - 2600	Limestone, tan to brown dense; shale as above	Brown Lansing
2600 - 2610	Limestone, tan to gray, finely crystalline, soft	
2610 - 2620	Limestone, gray to white, finely crystalline to dense, soft	
2620 - 2650	Limestone, tan, finely crystalline, oolitic and oolitic; some limestone, as above	Lansing
2650 - 2670	Limestone, gray to brown, sub-crystalline to dense, oolitic	
2670 - 2675	Limestone, gray to white, finely crystalline to sub-crystalline, oolitic and oolitic; shale gray	
2675 - 2680	Shale, gray and black	
2680 - 2700	Limestone, tan to gray, finely crystalline to dense; some gray opaque chert; shale gray	
2700 - 2710	Limestone and chert, as above	
2710 - 2715	Shale, gray	
2715 - 2725	Limestone, as above	
2725 - 2730	Shale, as above	
2730 - 2735	Limestone, as above; brown shale	

7-14-50

(2). Formation Log; Johnson #1 Hefling

<u>Depth</u>	<u>Formation Description</u>	<u>Remarks</u>
2735 - 2740	Limestone, tan to brown, finely crystalline to sub-crystalline	Some vugular porosity
2740 - 2805	Limestone, tan to gray, sub-crystalline to dense, gray opaque chert; some tan oolitic limestone	
2805 - 2810	Shale, dark gray	
2810 - 2815	Limestone, finely crystalline to sub-crystalline, oolitic and oolitic	Some vugular porosity
2815 - 2835	Limestone, dense, brown	
2835 - 2840	Limestone, white to tan; soft finely crystalline	
2840 - 2865	Limestone, tan to gray, sub-crystalline to dense, chert, mottled gray, opaque	
2865 - 2870	Limestone, tan to gray, oolitic and oolitic	Some vugular porosity slight stain
2870 - 2935	Limestone, brown to gray, dense; chert, as above; shale streaks	
2935 - 2942	Shale, gray; some black shale	
2942 - 2965	Limestone, as above	
2965 - 2970	Shale, black	
2970 - 2980	Shale, olive drab, green, gray and brown	
2980 - 2995	Limestone, finely crystalline to sub-crystalline, sucrose; oolitic and oolitic	Good porosity, fair stain
2995 - 3000	Shale, gray	
3000 - 3040	Limestone, gray to black, finely crystalline to dense; shale, gray	
3040 - 3070	Limestone, tan to gray, oolitic; chert, gray to tan, opaque	
3070 - 3080	Limestone, gray to tan, sub-crystalline to dense; chert, as above	Base Kansas City 3080 ?
3080 - 3130	Shale, purple; gray and red; Limestone, as above	
3130 - 3150	Limestone, gray to tan, sub-crystalline to dense, crinoidal	
3150 - 3200	Shale, gray; trace an red & green shale, some chert, tan to brown, opaque; limestone, as above	
3200 - 3228	Shale, varicolored; chert, as above	
3228 - 3231	Shale, black, fissile, soft	
3231 - 3260	Shale, as above; some limestone, dirty, gray-brown, impure	
3260 - 3270	Shale, as above; some pink limestone	
3270 - 3300	Shale and chert as above; increase in brown shale	
3300 - 3305	Limestone, light to dark gray, coarsely crystalline	Mississippian
3305 - 3309	Chert, tan to milky cream; possibly some dolomite	
3309 - 3315	Chert, as above; some green shale	
3315	Rotary Total Depth	
3315 - 3320	Limestone, white to light gray, medium to coarsely crystalline; chert, white, earthy, opaque	

(3) Formation Log; Johnson #1 Hefling

<u>Depth</u>	<u>Formation Description</u>	<u>Remarks</u>
3320 - 3325	Dolomite, yellow, sucrose; chert, yellow and some leached yellow tripolitic chert	Some vugs
3325 - 3330	Dolomite, tan to brown, finely sucrose; some tan, coarsely crystalline limestone	
3330 - 3335	Dolomite, cream to white, finely sucrose; chert, white, tripolitic	Some pin point porosity trace stain
3335 - 3340	Dolomite and chert, as above	Increase in stain
3340 - 3345	Dolomite, tan to brown, finely sucrose; chert, as above	Pin point porosity, some stain
3345 - 3350	Dolomite, white to cream, as above; chert, as above	
3350 - 3360	Dolomite, and chert, as above	Some vugs
3360 - 3367	Dolomite and chert, as above	
3367 - 3372	Dolomite, finely crystalline to sub-crystalline, white to cream tan; chert, as above	Trace stain
3372 - 3375	Dolomite and chert, as above	
3375 - 3384	Dolomite, cream to tan, sucrose to finely sucrose, chert as above	
3384 - 3403	Dolomite and chert, as above	
3403 - 3405	Dolomite and chert, as above	Trace stain, probably some stain 3403-10, 3408-15 (corr)
3405 - 3415	Dolomite and chert, as above	
3415	Total depth	

3415 = 3420 corrected

Samples examined and log compiled by Wendell S. Johns and W. J. Magathan