

WELL PLUGGING RECORD

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

OR and

FORMATION PLUGGING RECORD

Strike out upper line  
when reporting plug-  
ging off formations.

Pratt County. Sec. 16 Twp. 28 Rge. 13 (E) W. (W)

Location as "NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines SE SE SW

Lease Owner Superior Oil Company of California

Lease Name Patterson Well No. 1

Office Address 417 First National Bldg., Wichita

Character of Well (completed as Oil, Gas or Dry Hole) Dry hole

Date well completed October 13 1944

Application for plugging filed October 16 1944

Application for plugging approved 19

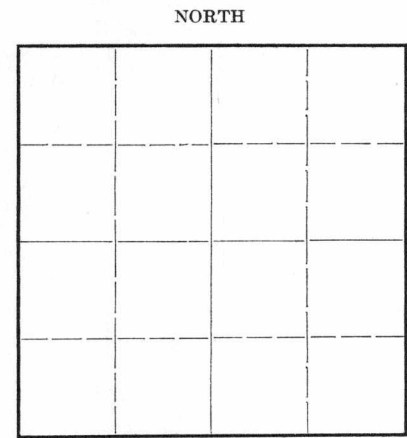
Plugging commenced October 18 1944

Plugging completed October 23 1944

Reason for abandonment of well or producing formation lower horizons, barren gas zone 3112-21, tested salt water.

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



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well H. W. Kerr

Producing formation Depth to top Bottom Total Depth of Well 4654 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
gas	Est. 2MG, 300F. salt water	3112	21	7-inch	3194	2502

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.

Under direction of H. W. Kerr, the well was filled from total depth, 4584 to approximately 3300 ft. with heavy rotary mud. 25 sacks of cement was spotted at 3370. Top of cement plug checked at 3303. 394 ft. of 7-inch pipe was cemented with 200 sacks. Top of cement plug in pipe was checked at 3148. 33 holes were perforated at 3310-16 $\frac{1}{2}$ . After testing salt water, these perforations were cemented with 10 sacks. The pipe was ripped at 2502 and 2502 ft. of 7-inch pipe was recovered. The hole was filled from the top of the cement above the perforations to approximately 750 ft. This mud was pumped in by Halliburton. A cement plug of 10 sacks was placed in the shoe of the 10-inch casing set at 748 ft. Heavy rotary mud was placed in the surface pipe from that point to near the surface, and a 10 sack cement plug placed in the top of the surface pipe.

PLUGGING  
FILE 16 28 13W  
BOOK PAGE 136 LINE 6

STATE CORPORATION COMMISSION  
OCT 25 1944  
10-24-44

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

Correspondence regarding this well should be addressed to Delbert J. Costa  
Address The Superior Oil Company, 417 First National Bank Bldg., Wichita, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.  
Delbert J. Costa (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) Delbert J. Costa  
417 First Nat'l Bldg., Wichita, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 23 day of October, 1944.  
E. Eloise Allen Notary Public.

My commission expires May 22, 1948

Company - The Superior Oil Company  
Farm - Patterson No. 1

Sec. 16 T. 28S R. 13W  
SE SE SW

Total Depth. 4654  
Commenced. 8-20-44 Completed. 10-13-44

County. Pratt  
Kansas

Contractor. Pryor & Lockhart

Elevation. 1928

Casing: 10" - 748  
PB 7" - cem. 3194  
Perf. 33 shots 3110-3116  
300 ft. water - 3 hrs.  
D & A

0	-	172	Surface sand and shale.	3306	Light gray crystalline limestone, thin black shale breaks.
172	-	736	Red shale.		
		765	Lost circulation.		
		768	Anhydrite	3318	Light gray crystalline limestone, trace sandstone.
		809	Gray shale.		
		865	Red shale.		
		950	Shale.	3352	Buff fine granular dolomitic limestone.
		1170	Shale and limestone shells.		
		1220	Salt and shale.	3460	Gray crystalline limestone.
		1300	Shale and shells.	3512	Dense platy limestone.
		1575	Salt and shale.	3514	Black shale.
		1650	Shale and shells.	3522	Limestone.
		1660	Lime.	3524	Black shale.
		1920	Shale and shells.	3638	Mostly limestone, few shale breaks.
		1985	Lime and shale breaks.		
		2010	Sandy limestone.	3642	Black shale.
		2175	Limestone.	3654	Limestone.
		2195	Shale.	3658	Black shale.
		2295	Leached fossiliferous limestone.	3696	Limestone and shale.
		2320	Leached limestone and chert.	3700	Limestone, green and red shale.
		2363	Limestone.	3704	Green shale.
		2435	Shale.	3744	Limestone and shale.
		2488	Limestone and shale.	3750	Sandstone.
		2565	Limestone.	3774	Limestone and tightly cemented sandstone.
		2595	Shale.		
		2630	Limestone.	3786	Fine tightly cemented sandstone.
		2670	Shale.		
		2825	Shale and shells.	3840	Green shale and sandstone.
		2900	Shale and limestone.		
		3025	Shale.	3850	Sandstone.
		3064	Shale and shells.	3890	Mostly green and gray shale.
3120	-	3131	Soft oolcastic limestone, oil stain, good odor. DST-3099-3138, open 30 min. gas blow in 10 min. Est. 2 MC, 320 ft. drilling mud, 500 ft. salt water.	3926	Light gray crystalline limestone. Slightly porous very light oil stain 3916-3924.
		3146	Limestone.	3934	Limestone, trace chert.
		3148	Black shale.	4020	Gray limestone.
		3166	Limestone.	4044	Gray limestone and fossiliferous mottled chert.
		3168	Black shale.	4050	Oolcastic limestone, porous no show.
3174	-	3174	Limestone.		
3174	-	3202	Fine crystalline, slightly fossiliferous limestone; slightly dolomitic.	4090	Gray limestone, some chert and green-gray shale.
		3214	Fine crystalline, slightly fossiliferous limestone; slightly dolomitic. Trace gray opaque chert.	4110	Limestone.
		3216	Black shale.	4140	Gray platy limestone.
		3238	Fine crystalline limestone, slightly dolomitic.	4220	Gray platy limestone and green shale.
		3240	Black shale.	4246	Limestone and shale.
		3246	Soft limestone, fossiliferous and dolomitic; fine porosity and light oil stains. DST-3235-3246, open 20 min. recovered 120 ft. oil and gas cut mud. 60 ft. salt water.	4266	Limestone, red and green shale.
				4288	Dark platy limestone and chert.
				4300	Limestone.
				4304	Various colored shales.
				4326	Tripolitic chert and limestone. DST-4338-4353. Open 35 min. Recovered 20 ft. mud. No shows.
				4346	Green and gray shale.

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The Superior Oil Company  
Patterson No. 1

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4346-4410 Amber chert and gray shale  
and limestone.

4416 Green shale limestone,  
trace sandstone.

4440 Limestone and chert.

4464 White crystalline limestone,  
trace chert.

4474 Green shale.

4481 Dolomitic limestone and sand-  
stone. DST-4467-83, open 30  
min. Recover 60 ft. mud. No  
show.

4484 Sandstone.

4586 Mostly green shale. Thin  
sandstone streaks.

TD 4654 Fine crystalline dolomite to  
medium crystalline dolomite.

Sample Tops

Ft. Riley	2195
Florence Flint	2295
Lansing	3892
Mississippian	4304
Kinderhook	4326
Viola	4346
Simpson - shale	4464
- dolomite	4474
- sand	4478
Arbuckle	4584

PLUGGING

16 28 13W

136 6

OCT 24

1951