

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

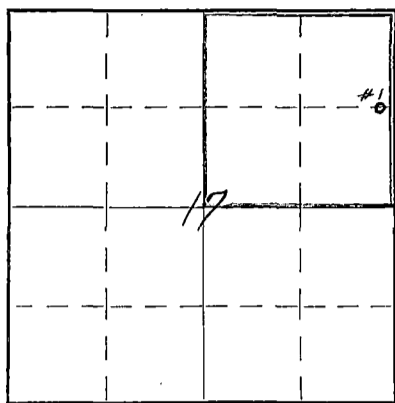
OR

FORMATION PLUGGING RECORD

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

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

NORTH



Locate well correctly on above
Section Plat

Pratt County Sec. 17 Twp. 28S Rge. 11 (E) 11 (W)
Location as "NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines 50' from E & 1328' from N line
Lease Owner Skelly Oil Company NE/4, Sec. 17
Lease Name E. S. Crosley Well No.
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (Completed as Oil, Gas or Dry Hole) Dry Hole
Date, well completed Sept. 20, 1939
Application for plugging filed Sept. 22, 1939
Application for plugging approved Sept. 23, 1939
Plugging Commenced Oct. 1, 1939
Plugging Completed Oct. 7, 1939
Reason for abandonment of well or producing formation Dry Hole

If a producing well is abandoned, date of last production 1939
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. T. Alexander, Great Bend, Kansas
Producing formation Depth to top Bottom Total Depth of Well 4336 $\frac{1}{2}$ Feet.

Show depth and thickness of all water, oil and gas formations.

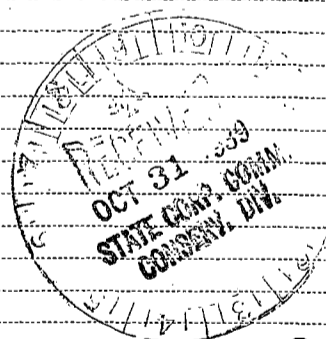
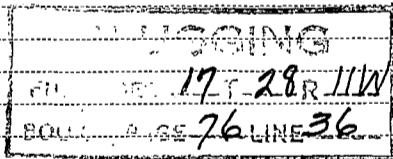
OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
Viola Lime	Dry	4303 $\frac{1}{2}$	4392	10-3/4"	338' 0"	None
Wilcox Sand	H.F.W.	4411		5-1/2"	4339' 10"	2954' 1"

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.

35 sacks of cement from 4336 $\frac{1}{2}$ ' to 4100'
Mud laden fluid from 4100' to 348'
Set 18" wood plug at 348'
15 sacks of cement from 346 $\frac{1}{2}$ ' to 331 $\frac{1}{2}$ '
Mud laden fluid from 331 $\frac{1}{2}$ ' to 6'
10 sacks of cement from 6' to 4'
Rock and surface soil from 4' to surface



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

Correspondence regarding this well should be addressed to Skelly Oil Company
Address Box 740, Hutchinson, Kansas

10-31-39

STATE OF Kansas, COUNTY OF Reno, ss.
H. E. Wamsley (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)

Box 740, Hutchinson, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 30 day of October, 1939

My commission expires June 22, 1941

Notary Public.

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
			Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Surface clay and sand	0	180	
Red beds and shells	180	415	
Shells	415	435	Set and cemented 10-3/4" OD 40# L. W. steel casing @ 342' with 150 sacks. Finished cementing at 7:00 PM, 8-2-39.
Shale and shells	435	510	
Shale	510	720	
Shale and shells	720	1150	
Salt	1150	1370	
Shale	1370	1430	
Shale and shells	1430	1545	
Anhydrite	1545	1600	
Lime and shale	1600	1675	
Sandy lime	1675	1755	
Lime	1755	1800	
Shale and lime	1800	1810	
Lime	1810	1825	
Lime and shale	1825	1875	
Shale	1875	1925	
Lime	1925	1955	
Lime and shale	1955	1995	
Sandy lime	1995	2025	
Lime	2025	2335	
Broken lime and shale	2335	2420	
Shale	2420	2460	
Lime	2460	2540	
Lime and shale	2540	2585	
Lime	2585	2690	
Lime and shale	2690	2760	
Shale	2760	2790	
Lime	2790	2865	
Lime and shale	2865	2915	
Lime	2915	2965	
Lime and shale	2965	2975	
Lime	2975	3295	
Lime with cherty streaks	3295	3350	
Cherty lime	3350	3400	
Lime	3400	3420	
Shale	3420	3445	Base Mt. Oread lime @ 3426'.
Lime	3445	3545	Top Stalacker Sand @ 3480'.
Lime and shale	3545	3570	
Shale	3570	3612	
Brown chalky lime	3612	3620	
Dark grey silty shale	3620	3634	
Grey crystalline lime	3634	3645	Slight porosity, no stain. TOP LANSING LIME @ 3641'.
Lime	3645	3725	
Shale	3725	3745	
Lime and chert	3745	3775	
Lime	3775	3860	
Lime and chert	3860	3930	
Lime	3930	3955	
Chert and lime	3955	4030	
Lime	4030	4160	Top Mississippi Lime @ 4088'.
Shale and lime	4160	4195	
Shale	4195	4280	
Dark pyritic shale	4280	4303 $\frac{1}{2}$	
Bluish grey chert w/ little grey dolomite	4303 $\frac{1}{2}$	4305	
Grey crystalline dolomite	4305	4306	Drilled 9" hole to 4306' Slight porosity, no saturation. Top Kinderhook Dolomite @ 4244'. TOP VIOLA LIME @ 4303 $\frac{1}{2}$ '. Set and cemented 5 $\frac{1}{2}$ " OD 14# S.S. casing @ 4304' with 250 sacks. While waiting on cement to set, standardized rig and moved in and rigged up cable tools. Finished rigging up, bailed the hole down and drilled cement plug to 4291' and 5 $\frac{1}{2}$ " OD casing tested OK, August 31, 1939. After testing casing, filled hole with 1200' of water and drilled balance of cement plug to bottom, bailed hole dry and cement job tested OK.

PLUGGING
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Drilled:

Hard grey cherty dolomite 4306 4313

No porosity, no show of gas.

Hard grey cherty dolomite	4313	4317	No porosity, no show of gas
Same	4517	4338	" " " " " "
Hard dark grey lime	4538	4344	" " " " " "
Same	4544	4353	No shows
Hard grey cherty dolomite	4353	4360	" "
Same	4360	4365	" "
			After drilling to 4365' shut down for orders while considering deeper drilling and was shut down until Sept. 7th, at which time it was decided to drill deeper and test lower zones. On this date drilled ahead as follows:
Lime	4365	4392	Base Viola Lime at 4392'
			Top Simpson Shale at 4392'
Green Simpson shale with streaks of sand	4392	4411	Top Wilcox Sand at 4411'
Grey granular sand	4411	4416	Hole full of water
<u>TOTAL DEPTH - 4416'</u>			

On September 11th, ran 2" tubing to 4416' and cemented back with 15 sacks of cement, then raised tubing and shut down for cement to set in bottom hole plug. On 9-14-39 pulled tubing and on the 15th, bailed hole down to top of cement plug. Ran steel line measurement on this date and found top of plug at 4352', bailed and tested 10 hours, tested 10 gallons of water and light scum of oil per hour with a smell of gas.

On September 16th, plugged back from 4352' to 4337' with chatt, oakum and lead wool and on September 17th, shot with 40 quarts of nitro-glycerin in two, 3 $\frac{1}{2}$ " x 10' shells between 4316' and 4336 $\frac{1}{2}$ '. Shot was tamped with 180' of Joplin chatt. Shot exploded at 12:30 PM, 9-17-39. After shot, cleaned out from 4136' to 4336 $\frac{1}{2}$ ' on September 20th. On cleaning to 4336 $\frac{1}{2}$ ' had only a trace of gas and tested 1/5 barrel of water per hour.

At this time, regular authority was granted to plug and abandon this well since all horizons to this depth indicated no commercial production.

SLOPE TEST DATA

<u>DEPTH</u>	<u>ANGLE OF DEFLECTION</u>
300'	1/2 Degree
500'	1/2 "
750'	1/4 "
1000'	1/2 "
1250'	1/2 "
1500'	1/2 "
1750'	1 "
2000'	1/2 "
2250'	1 "
2500'	1/2 "
2750'	1/2 "
3000'	1 "
3250'	1 $\frac{1}{2}$ "
3500'	1 "
3990'	1 "
4250'	1 "

PLUGGING
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