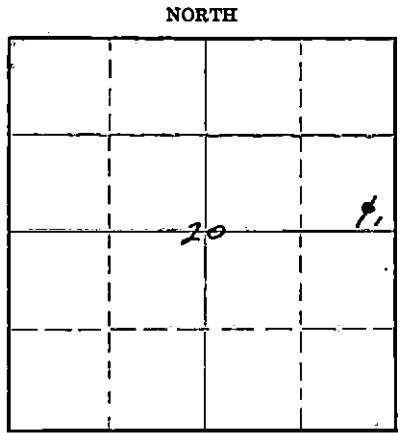


STATE OF KANSAS  
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD



Pratt County, Sec. 20 Twp. 27S Rge. 11 (W)  
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines SE/4 SE/4 NE/4  
Lease Owner Skelly Oil Company  
Lease Name Samuel E. Bartlett Well No. 1  
Office Address Box 1650, Tulsa, Oklahoma  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed May 20, 19 49  
Application for plugging filed May 21, 19 49  
Application for plugging approved May 24, 19 49  
Plugging commenced May 22, 19 49  
Plugging completed May 22, 19 49  
Reason for abandonment of well or producing formation Dry Hole

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 (verbally)

Name of Conservation Agent who supervised plugging of this well Mr. C. D. Stough  
Producing formation None Depth to top Bottom Total Depth of Well 4589 Feet  
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	OD Size	Put In	Pulled Out
Arbuckle Lime	Dry	4539'	4589'	8-5/8"	398'9"	None

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.

65 sacks of cement	4589' to 4379'
Mud laden fluid	4379' to 370'
20 sacks of cement	370' to 310'
Mud laden fluid	310' to 30'
10 sacks of cement	30' to 6'
Surface soil	6' to 0'

RECEIVED  
Conservation Div.  
JUN 14 1949  
STATE CORPORATION  
COMMISSION  
KANSAS

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

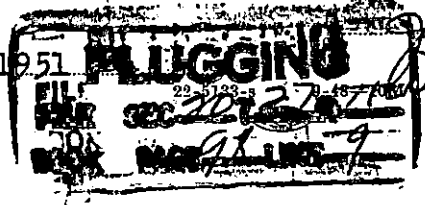
Correspondence regarding this well should be addressed to Skelly Oil Company  
Address Box 391  
Hutchinson, Kansas

STATE OF Kansas, COUNTY OF Reno, ss.  
H. E. Wamsley (employee of owner) 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) [Signature]  
Box 391, Hutchinson, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 13th day of June, 19 49

My commission expires April 7, 1951 [Signature] Notary Public.





# RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Surface soil and clay	0	133	
Sand and red bed	133	375	
Red bed and shells	375	401	
<p>Drilled 9-7/8" hole</p> <p>Set and cemented 5-5/8" casing, 28' BR thd., R-40, R-2, 35 (A cond.) casing at 401' with 250 sacks of cement. Cement did not circulate. Ran 120' of 1" pipe inside of casing and cemented around top of 5-5/8" casing with 150 sacks.</p>			
Red bed	401	765	
Silt and shale	765	1205	
Shale	1205	1430	
Shale and shells	1430	1720	
Line	1720	1855	
Line and chert	1855	1885	
Line	1885	1945	
Line and shale	1945	2010	
Line	2010	2068	
Shale and shells	2068	2195	
Line	2195	2240	
Line and shale	2240	2310	
Line	2310	2370	
Line and shale	2370	2550	
Shale and shells	2550	2660	
Shale	2660	2760	
Shale and line	2760	2995	
Shale	2995	3035	
Line	3035	3365	
Shale and shells	3365	3390	
Shale and line	3390	3435	
Line	3435	3451	
Shale and sandy line	3451	3495	
Line and shale	3495	3524	
Shale and sand w/ streaks of silt	3524	3607	
Grey, fine micaceous sand	3607	3629	
Shale and sand	3629	3650	
Sand	3650	3673	
Grey to brown, fine crystalline, fossiliferous line	3673	3688	
Line	3688	3702	
Shale and line	3702	3719	
Line	3719	4158	
Line and chert	4158	4176	
Shale	4176	4197	
Line and shale	4197	4216	
Shale	4216	4344	
Dark grey mottled chert	4344	4352	
Brown, fine to medium crystalline and dark grey chert	4352	4380	
Fine crystalline, dense dolomite and brown and grey mottled chert	4380	4531	
Line	4391	4419	
Shale and sand	4419	4424	
Green waxy shale	4424	4431	
Grey fine medium grained sand	4431	4435	
Shale and sand	4435	4445	
Line	4445	4448	
Shale	4448	4529	
Sand and shale	4529	4539	
Line	4539	4539	
Green to tan, medium coarse "cubic" crystalline dolomite	4539	4548	
Green to tan, fine to medium crystalline, slightly porous dolomite w/ trace of chert	4548	4557	
Tan to green, fine crystalline dolomite	4557	4561	
Green to tan, medium to coarse, crystalline, slightly porous dolomite	4561	4567	

**PLUGGING**  
 SEE RECORD PAGE 98 AND 99

\*Formation tops as shown on Schlumberger Survey

Grass to tan, fine to medium crystalline dolomite	4567	4574	Poor to fair porosity
Grass to tan, medium to coarse crystalline dolomite	4574	4581	Slightly porous
	4581	4589	Fair porosity, no shows
			See Schlumberger Curve
TOTAL DEPTH		4589'	

Since no oil or gas in commercial quantity was encountered in drilling to 4589', regular authority was granted on May 22, to plug and abandon the well. On this date the well was plugged as follows:

65 sacks of cement	4389'	to	4379'
Mud laden fluid	4379'	to	370'
20 sacks of cement	370'	to	310'
Mud laden fluid	310'	to	30'
10 sacks of cement	30'	to	6'
Surface soil	6'	to	0'

Plugged and abandoned May 22, 1949.

DEPTH	DIPSE LOG DATA		DEPTH	DIPSE LOG DATA	
	ANGLE OF DEFLECTION			ANGLE OF DEFLECTION	
250'	0	degrees	2000'	0	degrees
500'	0	"	2250'	0	"
750'	0	"	2500'	0	"
1000'	1/2	"	2750'	0	"
1250'	0	"	3000'	0	"
1500'	0	"	3550'	1/2	"
1750'	0	"	4020'	1/2	"

ANALYSIS OF WATER

Kelly Oil Company Laboratories, El Dorado, Kansas

Sample No. C-49-5-14

Taken from 4353' to 4391' by Floyd Kent, 5/13/49  
Sample received 5/16/49

	Parts per Million	Grains per Gallon	Percent by Weight
Chlorides expressed as NaCl	150,638	8,800.0	15.0638
Chlorides expressed as Cl	91,376	5,338.0	9.1376
Sulphates expressed as CaSO <sub>4</sub>	3,405.0	315.7	.3405
Sulphates expressed as SO <sub>4</sub>	3,813.7	222.8	.3814

Sample No. C-49-5-16

Taken from 4420' to 4445' by Floyd Kent 5/13/49  
Sample received 5/18/49

	Parts per Million	Grains per Gallon	Percent by Weight
Chlorides expressed as NaCl	102,708	6,000.0	10.2708
Chlorides expressed as Cl	62,302	3,639.5	6.2302
Sulphates expressed as CaSO <sub>4</sub>	2,682.0	156.7	.2682
Sulphates expressed as SO <sub>4</sub>	1,892.5	110.6	.1893