

15.107.00519.00.00

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 Bitting Building
Wichita, Kansas

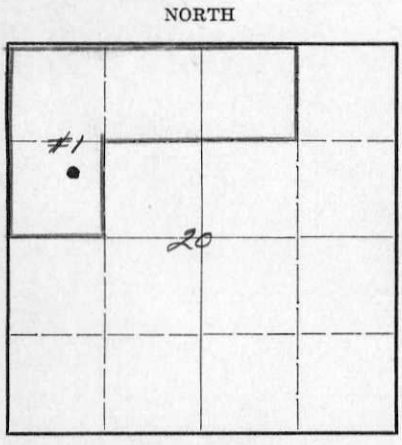
OR

FORMATION PLUGGING RECORD

Strike out upper line
when reporting plugging
off formations.

Russell County. Sec. 20 Twp. 13S Rge. (E) 15 (W)

Location as "NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines 920' from S, 990' from W
lines of NW $\frac{1}{4}$
Lease Owner Skelly Oil Company
Lease Name C. M. Schulte Well No. 1
Office Address Box 391, Hutchinson, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed September 9 19 45
Application for plugging filed October 5 19 45
Application for plugging approved October 17 19 45
Plugging commenced October 22 19 45
Plugging completed October 22 19 45
Reason for abandonment of well or producing formation Dry Hole



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 H. W. Kerr 3299' PB
Producing formation Depth to top Bottom Total Depth of Well 2780' 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
Topeka Lime	Dry	2758'		8-5/8"OD	937'6"	None
Lansing Lime	"	3029'		5-1/2"OD	3320'3"	2357'6"
Arbuckle Lime	"	3289'				

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.

10 sacks of cement 2780' to 2705'
 Mud laden fluid 2705' to 900'
 Wood plug & 15 sacks of cement 900' to 850'
 Mud laden fluid 850' to 36'
 Wood plug & 15 sacks of cement 36' to 6'
 Surface soil 6' to 0.

11-17-49

PLUGGING
 FILE 20 13 15A
 BOOK PAGE 28 LINE 11

STATE CORPORATION COMMISSION
 NOV 17 1949

STATE CORPORATION COMMISSION
 NOV 17 1949

(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

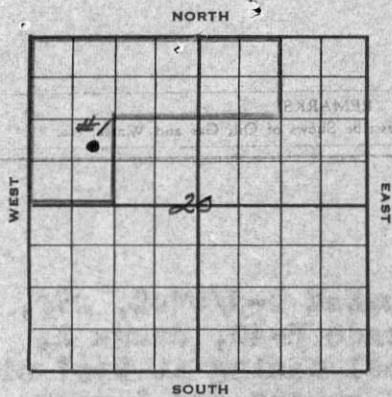
STATE OF KANSAS, COUNTY OF RENO, SS. H. E. Wamsley (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) [Signature]
Box 391, Hutchinson, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 16th day of November, 19 45

My commission expires April 7, 1947. [Signature] Notary Public.

SKELLY OIL COMPANY



Well Record

Lease Name and No. **O. M. Schulte** Well No. **1** Elev. **1351' DP**
 Lease Description **W/2 NW/4 and NE/4 NW/4 and NW/4 NE/4, Sec. 20-138-15W, Russell Co., Kansas**
 Location made **August 20** 19**45** by **R. S. Teapier**
 feet from North line _____ feet from East line **NW/4**
 feet from South line **920** feet from West line **990** of **Sec. 20**

Work com'd **8-24** 19**45** Rig com'd **8-26** 19**45** Drlg. com'd **8-26** 19**45** Drlg. comp'd **9-9** 19**45**

Rig Contractor **Sterling Drilling Company**
 Drilling Contractor **Sterling Drilling Company, Sterling, Kansas**

Rotary Drilling from **Top** to **3299'** Cable Tool Drilling from _____ to _____

Commenced Producing **Dry Hole** 19 _____
 Initial Prod. before shot or acid **Dry Hole** Bbls.
 Initial Prod. after shot or acid _____ Bbls.

Dry Gas Well Press. _____ Volume _____ Cu. ft.

Casing Head Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (**8-5/8" 25 1/2" OD**) Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (_____) Gas Pressure _____ Volume _____ Cu. ft.

PRODUCING FORMATION **Dry Hole** (Name) Top Bottom TOTAL DEPTH **3299'**
2780'

CASING RECORD

Size	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed
8-5/8" OD	28#	8R	936'				30	937	6	H40 R2 SS A		300	Halliburton
5-1/2" OD	14#	8R	3299'	73	2357	6	30	962	9	H40 R2 SS A		150	Halliburton

5 1/2" OD Casing Perforated: 35 holes between 3289-95', cemented off; 36 holes between 3214-18', cemented off; 11 holes between 3055-59', cemented off; 77 holes between 3023-43', cemented off; 12 holes between 2935-39, cemented off; 24 holes between 2750-58.

(Used 1 - 5 1/2" OD Linkin Combination Guide and Float Shoe)

Liner Set at _____ Length _____ Perforated at _____

Liner Set at _____ Length _____ Perforated at _____

Packer Set at _____ Size and Kind _____

Packer Set at _____ Size and Kind _____

SHOT OR ACID TREATMENT RECORD

	FIRST	SECOND	THIRD	FOURTH
Date	September 18, 1945		Sept. 22, 1945	
Acid Used	Gals. _____		Gals. _____	
Size Shot	750 Qts.		750 Qts.	
Shot Between	3214 Ft. and 3218 Ft.	3023 Ft. and 3043 Ft.	Ft. and Ft.	Ft. and Ft.
Size of Shell				
Put in by (Co.)	Dowell, Inc.		Dowell, Inc.	
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder	None		None	

PLUGGING
 FILE 20 13 15W
 BOOK 28 11

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Topoka Line	2758'						
Lansing Line	3029'				3289'	3294'	Fair Porosity & Saturation
Arbuckle Line	3289'				3297'	3299'	Sl. Porosity, no Sat.

CLEANING OUT RECORDS

	DATE COMMENCED	DATE COMPLETED	PROD. BEFORE	PROD. AFTER	REMARKS
1st					See Reverse for other details.
2nd					" " " " "
3rd					" " " " "
4th					" " " " "

PLUGGING BACK AND DEEPENING RECORDS

	Date Commenced	Date Completed	No. Feet Plugged Back or Deepened	Prod. Before	Prod. After	REMARKS
1st						See Reverse for other details.
2nd						" " " " "
3rd						" " " " "
4th						" " " " "

(See Reverse for Record of Formation)



RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Shale	0	480	Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Sand	480	520	
Shale	520	900	
Anhydrite	900	936	
Anhydrite	936	950	5 1/2" OD, 28', 8rd thd., Grade H-40, Range 2, seamless steel casing at 936' with 300 sacks of cement to case of casing 9 the times of cement of casing.
Shale and red bed	950	1050	
Shale	1050	1290	
Shale and salt	1290	1570	
Shale and lime	1570	1760	
Shale	1760	1860	
Line	1860	2037	
Shale	2037	2060	
Shale and lime	2060	2200	
Shale and shells	2200	2285	
Shale and lime	2285	2415	
Shale and shells	2415	2605	
Shale and lime	2605	2690	
Shale and shells	2690	2710	
Line	2710	2735	
Broken shell	2735	2780	
Line	2780	2935	
Shale	2935	2955	
Line	2955	3289	

FORMATION	TOP	BOTTOM	REMARKS
Medium soft grey and brown dolomite	3289	3294	Fair porosity and saturation TOP SHELL LINE 3289'
Hard grey dolomite	3294	3297	
Medium soft grey dolomite	3297	3299	

Set and cemented 5 1/2" OD, 14 1/2' 8rd thd., Grade H-40, Range 2, seamless steel casing at 3299' with 150 sacks of cement and 6 sacks of equagal. Finished cementing at 10:00 AM September 10, 1945, and while shut down waiting for cement to set, moved and rotated rotary and moved and rigged up cable tools. Finished rigging up cable tools and bailed on new old bit ball.

perforated 5 1/2" casing with 12 holes by Lane-wells from 3289' to 3291', no shows; 12 holes from 3291' to 3293', no shows; and 11 holes from 3291' to 3295' and hole filled 700' with water in 1 hour and 1300' in 2 hours. Hailing to clean up hole, no oil showing. Swabbed through 5 1/2" casing 2 hours and swabbed to 100' off bottom, estimated 20 barrels water per hour. Shut down and hole filled 2270' with water in 12 hours. Set Lane-wells bridging plug with top of plug at 3231' and swabbed hole dry, the plug tested OK. Filled hole with crushed rock from 3231' to 3230', then perforated 5 1/2" casing with 12 holes from 3214' to 3216' by Lane-wells, slight show of oil on gun, no fill up; 12 holes from 3216' to 3218', slight show of oil, no water; 12 holes from 3214' to 3218', slight show of oil, no water. Dumped 1 barrel acid on bottom to wash formation, then bailed hole clean. On September 17th ran 2" tubing and treated with 750 gallons of Dowell "IF-20" acid as follows:

ACID TREATMENT NO. 1 - Between 3214' and 3218'

Treatment put in September 18th by Dowell, Inc., using 750 gallons of Dowell acid and 87 barrels of oil to fill hole and to flush:

TIME	CP	TP	REMARKS
5:39 PM	600'	600'	Hole filled with 74.8 barrels oil and started acid in
6:04 PM	300'	0'	13.25 bbls. acid in hole on bottom
6:37 PM	750'	450'	16.00 bbls. acid in hole on bottom
6:46 PM	700'	400'	18.00 bbls. acid in hole on bottom (750 gallons)
6:57 PM	575'	350'	Hole flushed with 3 barrels oil
7:37 PM	550'	550'	Hole flushed with 13 barrels oil and treatment complete

After acid treatment, swabbed through 2" tubing 2 hours, 22 barrels oil. On September 18th swabbed through 2" tubing 12 hours, 41 barrels oil and 26 barrels water. On September 19th pulled tubing and swabbed through 5 1/2" casing 4 hours, 70 barrels water and 7 barrels oil. On September 20th set Lane-wells bridging plug at 3075' and plug tested dry. Perforated 5 1/2" OD casing with 11 holes from 3055' to 3059' and tested 3 1/2 hours, 1-3/4 barrels water and no oil per hour.

On September 21st set Lane-wells plug at 3047', swabbed the hole dry, then perforated 5 1/2" casing with 77 holes from 3025' to 3045', slight show of oil, no water. On September 22nd ran 2" tubing and treated with 750 gallons of Dowell "IF-20" acid as follows:

TIME	CP	TP	REMARKS



ACID TREATMENT NO. 2 - Between 3023' and 3043'

Treatment put in September 22, 1945, by Dowell, Inc., using 750 gallons acid and 83 barrels of oil to fill hole and to flush:

TIME	GP	TP	REMARKS
12:06 PM	700	700	Hole filled with 69½ barrels oil
12:22 PM	350	0	12½ barrels acid in hole
12:45 PM	550	200	18 barrels acid in hole (750 gallons acid)
12:58 PM	475	475	Hole flushed with 13½ barrels oil and treatment complete

After acid treatment, swabbed through 2" tubing 6 hours, 54 barrels of oil and 12 barrels of water. On September 23rd swabbed through tubing 12 hours, 14 barrels of oil and 42 barrels of water. (Oil used in acid treatment). On September 25th, POB 17 hours, 53 barrels oil and 85 barrels water. On September 26th, POB 22 hours 18½ barrels oil and 65 barrels water.

On September 27th POB 12 hours, 9 barrels oil and 24 barrels water. On September 28th POB 19 hours, 16 barrels oil and 74 barrels of water. On September 29th pulled rods and tubing and set Lane-Wells plug at 2966' and plug tested dry. On October 1st perforated 5½" casing by Lane-Wells with 12 holes from 2935' to 2939'. Bailed and tested 8 hours, 6 barrels water with trace of oil per hour. On October 2nd set Lane-Wells plug at 2780', then perforated 5½" casing with 24 holes from 2750' to 2758', tested 5 hours, 3 barrels water per hour, no oil showing. On October 3rd swabbed through 5½" casing 8 hours, 4 barrels water and no oil per hour. Since no oil or gas in commercial quantities was encountered in drilling to the total depth of 3299', regular authority was granted on October 4th to plug and abandon the location.

On October 22nd, 1945, finished plugging the well as follows:

10 sacks of cement	2780' to 2705'
Mud laden fluid	2705' to 900'
Wood plug & 15 sacks of cement	900' to 850'
Mud laden fluid	850' to 36'
Wood plug & 15 sacks of cement	36' to 6'
Surface soil	6' to 0.

SLOPE TEST DATA

DEPTH	ANGLE OF DEFLECTION
250'	0 Degrees
500'	0 "
750'	0 "
1000'	0 "
1250'	0 "
1500'	0 "
1750'	0 "
2000'	0 "
2250'	0 "
2500'	0 "
2750'	0 "
3000'	0 "
3250'	0 "

