

STATE OF KANSAS  
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

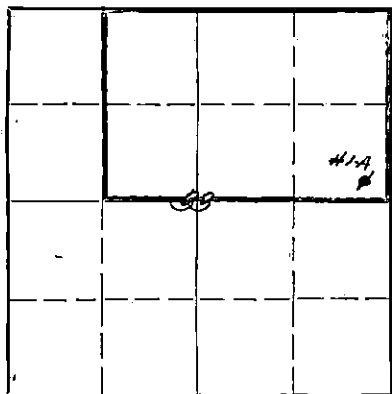
FORMATION PLUGGING RECORD

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

OR

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

NORTH



Locate well correctly on above  
Section Plat

Stafford County, Sec. 33 Twp 24S Rge. 14 (W)

Location as "NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines SE $\frac{1}{4}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$   
Lease Owner Skelly Oil Company  
Lease Name H. W. Landreth Well No. 1-A  
Office Address Box 391, Hutchinson, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed March 8 19 44  
Application for plugging filed March 7 19 44  
Application for plugging approved April 1 19 44  
Plugging commenced April 3 19 44  
Plugging completed April 7 19 44  
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 com-  
menced? Yes

Name of Conservation Agent who supervised plugging of this well C. T. Alexander  
Producing formation None Depth to top - Bottom Total Depth of Well 4293 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
Lansing Lime	Dry	3685	3975	8-5/8"OD	973'8"	None
Viola Lime	"	4120	4247	5-1/2"OD	4323'0"	2863'4"
Arbuckle Lime	"	4287	4295			

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.

Lane- Wells bridging plug 4199' to 4100'  
Mud laden fluid 4100' to 3818'  
6 sacks cement on top wood plug 3818' to 3795'  
Mud laden fluid 3795' to 300'  
15 sacks cement on top wood plug 300' to 280'  
Mud laden fluid 280' to 20'  
5 sacks cement on top wood plug 20' to 5'  
Surface soil and rock 5' to 0.

PLUGGING  
FIL 33 24 14  
800 113 NE 46

APR 27 1944  
CONSERVATION DIVISION  
15/4-27-44

(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)

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.

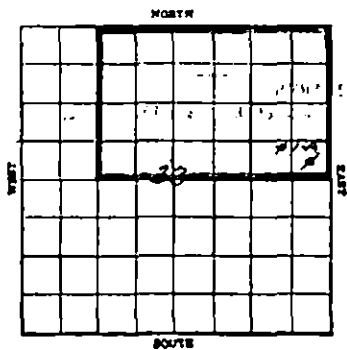
(Signature)

Box 391, Hutchinson, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 26th day of April 19 44

My commission expires August 4, 1945.

Notary Public.



# SKELLY OIL COMPANY

## WELL RECORD

Lease Name and No. Landreth Well No. 1-A Elev. 1977' DP  
 Lease Description NE/4 and E/2 NE/4 of Section 33, Township 24 South, Range 14 West, Stafford County, Kansas  
 Location made December 15 1943 by Stafford County Engineer  
 feet from North line 330 feet from East line NE/4  
330 feet from South line 330 feet from West line of Sec. 33

Work com'd. Dec. 18 1943 Rig com'd. Dec. 20 1943 Drig. com'd. Dec. 23 1943 Drig. comp'd. Feb. 6 1944  
 Rig Contractor Ruso Drilling Company  
 Drilling Contractor Ruso Drilling Company, Tulsa, Oklahoma  
 Rotary Drilling from Top to 4293' III Cable Tool Drilling from None to None

Commenced Producing Dry Hole 19 1943 Initial Prod. before shot or acid None Bbls.  
 Initial Prod. after shot or acid None Bbls.

Dry Gas Well Press. None Volume None Cu. ft.  
 Casing Head Gas Pressure None Volume None Cu. ft.  
 Braden Head ( None Size ) Gas Pressure None Volume None Cu. ft.  
 Braden Head ( None Size ) Gas Pressure None Volume None Cu. ft.

PRODUCING FORMATION Dry Hole (Name) Top 4293' Bottom 4199' TOTAL DEPTH 4199'

### CASING RECORD

Size	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	Sacks Used	CEMENTING Method Employed
				Jts.	Feet	In	Jts.	Feet	In				
8-5/8" OD 28	8R		972'				22	973'	8	Lapweld	A	350	Halliburton
8-5/8" Casing			Range 3, Grade ?							- set 6' in cellar			
5-1/2" OD 14	8R		4288'	92	2865'	4"	48	1459'	8	I.C.C.	A	200	Halliburton
5-1/2" Casing			Range 2, Grade II-40										
(5/8" Casing perforated: 81 holes between 4129'-4144'; 24 holes between 3814'-3819')													

Liner Set at None Length None Perforated at None  
 Packer Set at None Size and Kind None  
 Packer Set at None Size and Kind None

### SHOT OR ACID TREATMENT RECORD

	FIRST	SECOND	THIRD	FOURTH
Date	February 24, '44	February 24, '44	February 25, '44	
Size Shot	500	1500	3000	
Shot Between	4129 Ft. and 4144 Ft.	4129 Ft. and 4144 Ft.	4129 Ft. and 4144 Ft.	
Size of Shell				
Put in by (Co.)	Morgan Acid	Morgan Acid	Morgan Acid	See main body of log for further treatment.
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder	None	None	None	

### SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Lansing Lias	3603				3615	3618	Little oil stain
Viola Lias	4120						
Cherty Viola Lias	4147'						
Simpson Shale	4247						
Simpson Sand	4252'				4252	4263	sl. por. & sl. show oil
Arbuckle Lias	4287'						

### 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	WELL RECORD	TOP	BOTTOM	REMARKS
				Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Surface soil and sand		0	80	
Sand		80	250	
Anhydrite		250	285	
Red bed		285	340	
Sand		340	450	
Red bed		450	885	
Anhydrite		885	905	
Shale and shells		905	973	
Shale and shells		973	1000	
Shale		1000	1660	
Lime		1660	2065	
Lime and shale		2065	2140	
Lime		2140	2245	
Red shale		2245	2260	
Lime		2260	2330	
Shale		2330	2350	
Sandy lime		2350	2360	
Shale and lime		2360	2465	
Lime		2465	2550	
Shale and lime		2550	2630	
Broken lime		2630	2695	
Lime		2695	2740	
Shale		2740	2770	
Lime and shale		2770	2830	
Shale		2830	2900	
Lime		2900	3020	
Shale		3020	3035	
Lime		3035	3100	
Shale		3100	3110	
Shale and lime		3110	3195	
Lime		3195	3260	
Sandy lime		3260	3310	
Lime		3310	3321	
Shale		3321	3330	
Lime		3330	3475	
Shale		3475	3510	
Shale and lime		3510	3610	
Shale		3610	3673	
Lime		3673	3708	
Soft lime		3708	3717	No shows
Lime		3717	3754	No shows
Soft grey oolitic lime		3754	3763	No shows
Lime and shale		3763	3815	
Soft grey oolitic lime		3815	3818	
Lime		3818	3850	
Grey oolitic lime		3850	3855	Soft, no oil saturation
Lime		3855	3900	
Lime and shale		3900	3940	
Lime		3940	3975	
Shale		3975	3990	
Shale and lime		3990	4030	
Lime		4030	4053	
Shale and chert		4053	4065	
Shale		4065	4099	
Shale and chert		4099	4125	TOP VIOLA LIME 4120'
Lime and chert		4125	4180	TOP CHERY VIOLA LIME 4147'
Shale and chert		4180	4192	
Grey crystalline and coarsely crystalline lime		4192	4197	
Grey sandy lime and shale		4197	4252	TOP SIMPSON SHALE 4247'
Medium hard grey sand		4252	4263	TOP SIMPSON SAND 4252'
Grey sandy shale		4263	4277	Slight porosity and slight show of oil
Dark and sandy shale		4277	4287	TOP ARBUCKLE LIME 4287'
Grey finely crystalline dolomite		4287	4292	Slightly porous, no oil show
Grey porous crystalline dolomite		4292	4295	Slight porosity, no oil show
				Ran Schlumberger survey which recorded porosity in Lansing and Viola Lims. Set and cemented 5-1/2" OD, 14#, 8 round thread, S.S.L., Range 2, Grade H-40, steel casing 4288' with 200 sacks of cement and 6 sacks of Aquagel. Finished cementing at 1:40 PM February 8, 1944, and shut down waiting on cement to set. Moved in and rigged up cable tools and bailed the hole to top of cement plug on February 16, 1944, and casing tested OK.


Set and cemented 8-5/8" OD, 28#, 8 round thread, A. O. Smith, Range 3, Lapweld steel casing at 972' with 350 sacks of cement and 10 sacks of Aquagel. Finished cementing at 10:00 AM, January 3, 1944.

Producing Formation (Name) Top

CASING POINTS

Factor Set at size and kind

Factor Set at size and kind

Factor Set at size and kind

Factor Set at size and kind

Factor Set at size and kind

Factor Set at size and kind

GLM 4295 4293  
 Total Depth Drilled: 4293'  
 Drilled cement plug and cleaned out to bottom. Correction: 4295' SLM Rotary table equals 4293' SLM derrick floor. 1800' water in hole in 3 hours

On February 18th ran 2" tubing and cemented back with 20 sacks, then pulled tubing and shut down waiting for cement to set. On February 22nd bailed the hole down to top of cement plug TD-4199' SLM, and on February 23rd perforated by Lane-wells with 81 holes from 4144' to 4129', slight show of oil from 4140' to 4144'. On February 24th ran 2" tubing and treated with 500 gallons of Morgan acid as follows:

ACID TREATMENT NO. 1 - Between 4129' and 4144'

Treatment put in February 24, 1944, by Morgan Acid Company using 500 gallons acid and 800 gallons water to flush:

TIME	CP	TP	REMARKS
1:05 PM			Hole filled with 10 barrels oil and started acid in
1:12 PM			500 gallons acid in hole and started water flush
1:33 PM	450'	450'	Hole flushed with 800 gallons water to complete treatment

After acid treatment, let set 1 hour, then swabbed out acid water and showed scum of oil. Then treated with 1500 gallons of Morgan acid as follows

ACID TREATMENT NO. 2 - Between 4129' and 4144'

Treatment put in February 24, 1944, by Morgan Acid Company using 1500 gallons acid and 1000 gallons of water to flush:

TIME	CP	TP	REMARKS
9:23 PM			Started acid in hole
9:48 PM	250'	400'	1500 gallons of acid in hole
10:02 PM	400'	400'	Hole flushed with 1000 gallons water to complete treatment

After acid treatment swabbed out acid water, then swabbed 3 gallons of oil and 25 gallons of water per hour for 4 hours. On February 25th reacidized with 3000 gallons of Morgan acid as follows:

ACID TREATMENT NO. 3 - Between 4129' and 4144'

Treatment put in February 25, 1944, by Morgan Acid Company using 3000 gallons acid, 102 barrels of oil to fill hole and 25 barrels water to flush.

TIME	CP	TP	REMARKS
6:00 PM			Filled hole with 102 barrels oil and started acid in
6:51 PM	350'	500'	3000 gallons acid in hole
7:12 PM	400'	400'	Hole flushed with 25 barrels water to complete treatment

Swabbed out acid water, then tested 6 hours, 1 gallon of oil and 5 gallons of water per hour.

Shut down 5 days for crew, then bailed 3 barrels of oil and 23 barrels of water and bailed hole dry. On March 3, 1944, set Lane-wells plug at 4100', then perforated by Lane-wells with 24 holes from 3814' to 3819', then bailed and tested 7 hours, 9 gallons of oil and 9 gallons of water per hour.

On March 4, 1944, ran 2" tubing and treated with 500 gallons of Morgan acid as follows:

ACID TREATMENT NO. 4 - Between 3814' and 3819'

Treatment put in March 4, 1944, by Morgan Acid Company using 500 gallons acid and 115 barrels water to fill hole and to flush:

TIME	CP	TP	REMARKS
2:00 PM			Hole filled with 92 barrels water and started acid in
2:15 PM	200'	0'	500 gallons of acid in hole and started water flush
2:54 PM	1000'	800'	3 barrels water in
3:12 PM	100'	100'	23 barrels water in hole to complete treatment

After acid treatment, swabbed through 2" tubing 16 hours, 100 barrels of water with trace of free oil. On March 6th swabbed through 2" tubing 24 hours, 200 barrels of water and 5 barrels of oil, then shut down to plug and abandon.

SLOPE TEST DATA

DEPTH	ANGLE OF DEFLECTION	HORIZ.	VERT.
250'	0 Degrees		
500'	1/2 "	2.2	
750'	1/2 "	2.2	
1000'	1/2 "	2.2	
1250'	1 "	4.4	.1
1500'	1 "	4.4	.1
1750'	1/2 "	2.2	
2000'	1 "	4.4	.1
2250'	1 "	4.4	.1
2500'	1/2 "	2.2	
2750'	1/2 "	2.2	
3000'	1/2 "	2.2	
3250'	1/2 "	2.2	
3500'	1/2 "	2.2	
3750'	1/2 "	2.2	
			<u>Horiz. Vert.</u>
			4000' 1/2 Dsg. 2.2
			4250' 2 " 2.2
			<u>Total Deflection</u>
			ion 44.0' .4'

On April 2, 1944, plugging machine was moved in by General Oil Tool Company and the well was plugged as follows:

Lane-wells bridging plug	4199'	to	4100'	
Mud laden fluid	4100'	to	3818'	
6 sacks cement on top wood plug	3818'	to	3795'	
Mud laden fluid	3795'	to	300'	
15 sacks cement on top wood plug	300'	to	280'	
Mud laden fluid	280'	to	1082'	Total Depth
5 sacks cement on top wood plug	1082'	to	5'	
Surface soil and rock	5'	to	0'	

Well plugged and abandoned April 7, 1944.

BOOK 11311/11312  
 FILE 23 24 11/47  
 PLUGGING