

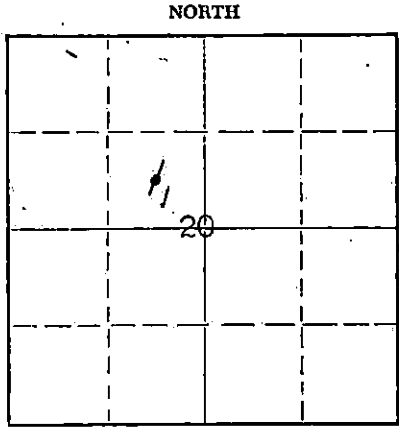
STATE OF KANSAS  
STATE CORPORATION COMMISSION

Give All Information Completely  
Take Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
211 No. Broadway  
Wichita, Kansas

WELL PLUGGING RECORD

Kingman County, Sec. 20 Twp. 27S Rge. (E) 10(W)

Location as "NE/CNW/SW" or footage from lines C SE/4 SW/4  
Lease Owner Skelly Oil Company  
Lease Name Wendel Leisman SWRW Well No. 1  
Office Address P. O. Box 1650, Tulsa, Oklahoma  
Character of Well (completed as Oil, Gas or Dry Hole) Oil, Gas, SWRW  
Date well completed May 3, 1962  
Application for plugging filed May 26, 1964  
Application for plugging approved May 27, 1964  
Plugging commenced June 22, 1964  
Plugging completed June 24, 1964  
Reason for abandonment of well or producing formation Lease being plugged out - Well not needed for repressuring  
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 Mr. A. Elving  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 4195' Feet  
Show depth and thickness of all water, oil and gas formations. PB 3456'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE OD	PUT IN	PULLED OUT
Arbuckle Lime	Gas	4093'	4175'	15 1/2"	221'	None
Lansing Lime	Oil	3417'	3485'	10-3/4"	3417'	None
				8-5/8"	17' 2"	None
				7"	327' 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.

Wood plug	3468'
Sand	3468' to 3467'
15 sacks cement	3467' to 3437'
Mud	3437' to 300'
Rock bridge	300' to 290'
30 sacks cement	290' to 230'
Mud	230' to 40'
Rock bridge	40' to 30'
15 sacks of cement	30' to Base cellar
Surface soil	Cellar to Surface

RECEIVED  
STATE CORPORATION COMMISSION

AUG 27 1964

CONSERVATION DIVISION

Name of Plugging Contractor Ace Pipe Pulling Company  
Address Great Bend, Kansas

STATE OF Nebraska, COUNTY OF Red Willow, ss.  
C. F. Bass (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) C. F. Bass  
P. O. Box 649, McCook, Nebraska 69001  
(Address)

SUBSCRIBED AND SWORN to before me this 24th day of August, 1964

My commission expires June 13, 1969

C. E. Lindsey  
Notary Public.

SKELLY OIL COMPANY

FORMATION RECORD OF WEN LEISMAN WELL No. 1.

C SE/4 NW/4 Sec. 20-27S-10W  
Kingman County, Kansas

<u>Thickness</u>	<u>Nature of Strata</u>	<u>Depth</u>	
55'	Sand	55'	
10'	Black Clay & Gravel	65'	
60'	Sand	125'	
50'	Red Bed	175'	
20'	Sand	195'	
5'	Red Bed	200'	
10'	Sand	210'	
22'	Red Bed	232'	Set & Cemented 15 $\frac{1}{2}$ " Casing at
18'	Sand	250'	232' SLM with 170 sax cement.
95'	Shale & Sandy Lime	345'	
195'	Red Bed	540'	
233'	Blue Shale & Gyp Shells	773'	
117'	Blue Shale	900'	
75'	Salt	975'	
381'	Blue Shale	1356'	
45'	White Lime	1401'	
50'	Blue Shale	1451'	
80'	Lime & Shale - Light	1531'	
74'	Lime - Light	1605'	
7'	Red Rock	1612'	
158'	Lime & Shale	1770'	
92'	Sandy Lime & Shale	1862'	
143'	Lime & Shale	2005'	
40'	Black Shale	2045'	
12'	Lime	2057'	
242' 271'	Shale & Lime	2328'	
22'	Lime & Sticky Shale	2350'	
7'	Sticky Shale	2357'	
18'	Lime	2375'	
40'	Sandy Lime	2415'	
138'	Lime & Shale	2553'	
72'	Lime	2625'	
35'	Brown Shale	2660'	
80'	Broken Lime & Shale	2740'	
42'	Lime	2782'	
44'	Broken Lime	2826'	
118'	Lime & Shale	2944'	
10'	Shale	2954'	
11'	Brown Shale	2965'	
29'	Lime	2994'	
16'	Shale	3010'	
37'	Lime	3047'	
68'	Shale	3115'	
9'	Lime	3124'	
61'	Shale & Lime	3185'	
43'	Lime	3228'	Base of Oread Lime corrected to
38'	Gray Shale	3266'	3233'
31'	Shale & Lime	3297'	
63'	Gray Shale	3360'	
6'	Gray Lime & Shale	3366'	
4'	Gray Shale w/little Lime - Med. Hard	3370'	Cored
8'	Gray Lime, little Shale, Trace of Chert - Hard	3378'	Cored
6'	Gray Lime & Shale - little Chert	3384'	Cored
3'	Gray Lime, little Shale, Trace of Chert	3387'	
8'	SLM Correction	3395'	Formation correction should be made back to 3266'
- 5'	SLM Correction	3390'	Ran and cemented 10-3/4" Casing with 550 sax cement at 3378' SLM Standardized rig. TD 3395'
5'	Hard Brownish Gray Lime w/trace of Chert & Shale	3396'	
5 $\frac{1}{2}$ '	Hard, coarse, dark, Brownish Gray Lime	3401 $\frac{1}{2}$ '	
8 $\frac{1}{2}$ '	Coarse, dark, Brown & Gray Lime medium hard - 5% Shale	3410'	
3'	Medium coarse, hard Gray Lime with little Brown Lime & Chert	3413'	

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OCT 23 1957  
CONSERVATION DIVISION  
Wichita, Kansas

Thickness	Nature of Strata	Depth	
5'	Fine Gray Lime w/little Brown Lime (1st show oil and gas 3417' - 18')	3418'	Est. 50,000' cu.ft. gas.
4'	Medium coarse Brown & Gray Lime	3422'	500' oil in hole 2½ hrs.
7'	Coarse Brown & Gray Lime	3429'	Washing free oil. 1350' oil in hole 5½ hrs. Est. 200,000 cu.ft. gas, from 3418' to 29'
11'	Brown & Gray Lime w/5% Shale	3440'	Washing free oil 2400' oil in hole 9½ hrs.
8'	Medium hard Brown & Gray Lime	3448'	Washing free oil. 2800' oil in hole 15½ hrs. 3200' oil in hole 20 hrs. Well flowed 14 bbls. oil estimated.
7'	Hard Brown & Gray Lime	3455'	
4'	Hard Brown & Gray Lime with 5% Shale	3459'	
6'	Hard Brown & Gray Lime with trace of Sand and Chert - slightly porous	3465'	
4'	Coarse Gray Lime with little Brown Lime, 5% Shale, trace of Sand	3469'	
6½'	Brown & Gray Lime (slightly porous) with small amount of Shale	3475½'	3300' oil in hole - slight increase of gas.
5½'	Gray Lime with little Brown Lime and 10% Shale	3481'	Well flowed 196.59 bbls. oil the first 40 minutes.
5½'	Hard Gray Lime with 15% Brown Lime and trace of Shale - porous	3486½'	
2½'	Medium hard Gray Lime and little Brown Lime, 15% Shale	3489'	Cave
1'	Hard Gray Lime, little Brown Lime, 15% Shale	3490'	
- 5'	SIM Correction	3485'	Set 8¼" Casing at 3485'
8'	Brown Lime	3493'	
27'	Light Lime	3520'	Hole filling w/water at 3520' - 500' water.
11'	White Lime	3531'	
5'	Brown Shale	3536'	
24'	White Lime - porous	3560'	1½ million gas 3556'-57'
13'	Gray Lime - <del>porous</del> hard	3573'	4-1/5 " gas at 3559'
22'	White Lime	3595'	
5'	Tan & Gray Lime	3600'	
7'	Gray Lime	3607'	
16'	Tan & Gray Lime	3623'	
11'	Hard Gray Lime	3634'	
12'	Gray Shale (50%) and Light Brown Lime (50%)	3646'	
14'	Gray Lime (75%) and Shale (25%)	3660'	½ bailer water/hr. 3655'
18'	Gray Lime	3678'	
12'	Gray Lime with a little Chert	3690'	Slight show of oil 3680' to 3690'
19'	Gray Lime, increase of Chert, little Sand, 15% Black Shale	3709'	
15'	Gray Lime	3724'	
40'	Red & Green Shale and Lime	3764'	Top Marmaton shale at 3724'
6'	Maroon Shale, little Lime and Green Shale	3770'	
15'	Green Shale, little Maroon Shale and Lime	3785'	
6'	Sandy Green & Maroon Shale, 10% Brown Lime and a little Chert	3791'	
5'	Brown Limestone (50%) with Sandy Green & Maroon Shale	3796'	
12'	Gray Lime (30%) Dark Gray Sandy Shale (70%)	3808'	
7'	Greenish Gray Shale	3815'	
22'	Sandy Green & Red Shale - little Gray Lime	3837'	
5'	Sandy Red & Green Shale	3842'	Bottom Marmaton Shale at 3842'
½'	Chat, Chert, pieces of <del>White</del> <sup>Kinterhook</sup> Lime	3842½'	
14½'	<del>White</del> <sup>Kinterhook</sup> Lime (Kinterhook)	3857'	<del>Top of Marmaton shale</del>
39'	Gray & Green Shale	3896'	
26'	Gray Shale	3922'	
1'	Misner Sand - Brown	3923'	
2'	White Cherty Lime (Viola Lime)	3925'	Top Viola at 3923'
8'	White Cherty Lime & Light Brown Dolomite	3933'	Set and cemented 6-5/8" casing at 3920' w/110 sax
6'	Gray Chert (50%) Brown Dolomite (50%)	3939'	
5'	Gray Chert (40%) Brown Dolomite (60%)	3944'	
6'	Gray Chert (20%) Brown Dolomite (80%)	3950'	

Thickness	Nature of Strata	Depth	
8'	Brown Crystalline Dolomite	3958'	
8'	Tan Dolomite, Gray Limestone, Chert	3966'	
21'	Grayish Brown Lime, w/little Chert & Dolomite	3987'	
2'	Gray Lime with a little Chert	3989'	
1'	Gray Lime with 10% Sand very hard	3990'	Top of Simpson 3990'
2'	Sand (50%), Gray Lime, little Shale	3992'	
3'	White Lime and 40% Brown Dolomite w/trace Sand	3995'	
4'	White Limestone w/30% Rounded Sand	3999'	Show of gas 3992' - 99'
4'	White Lime w/30% Sand	4003'	
3'	Sand w/35% Lime and 5% Green Shale	4006'	
6'	Sand w/25% Lime and 15% Green Shale	4012'	
3'	Shale and Pyrites (Green)	4015'	
2'	Green Shale w/10% Sand	4017'	
3'	Green Shale w/15% Brown Sand, trace of lime, sample washed rainbow show of oil	4020'	Top of Wilcox 4019'
4'	Fine Sand (80%) little Green Shale (20%) trace of lime - sample washed rainbow show of oil	4024'	
5'	Grayish Green Shale with 25% Sand	4029'	
4'	Sand (95%) with a little Shale - Sand shows good porosity and washed free oil	4033'	
5'	Light Brown Rounded Sand with a little Shale good porosity and washed show of oil	4038'	
6'	Sand (light brown rounded) with 50% Grayish Green Shale	4044'	
2'	Grayish Green Shale with 20% Brown Sand	4046'	
4'	Grayish Green Shale with 10% Brown Sand	4050'	
5'	Grayish Green Shale with 10% Brown Sand	4055'	
1/2'	Steel Line Measure Correction	4055 1/2'	Gas broke in when hole was bailed down 1350'. Gas est. 9,000,000 cu.ft. set & Cemented 5-3/16" casing at 4093' with 25 sax cement.
37 1/2'	Green Shale	4093'	Top of Siliceous 4093'
1'	Lime	4094'	
4'	Medium hard Brown Lime	4098'	
3'	Light Brown Lime (70%) Grayish Green Shale (30%) trace of Sand	4101'	
4 1/2'	Light Brown Lime (50%) Grayish Green Shale (50%) trace of Sand	4105 1/2'	
4'	Gray Crystalline Lime	4109 1/2'	Gas gauged 6,018,000 at 4105 1/2'. Gauged 8,550,000 - 4108 1/2' to 4109 1/2'. Rock Pressure 1385# at end of 50 minutes.
5 1/2'	Grayish Brown Lime w/20% Dark Shale and a little white Chert	4115'	
6'	Soft, light, Brown & Gray Lime, a little Shale, w/3% to 4% White Chert - trace of Sand	4121'	
3 1/2'	Medium, hard, light Brown & Gray Lime with a little Chert, Sand and Shale	4124 1/2'	
14 1/2'	Hard, light Brown & Gray Lime	4139'	
10'	Light, Brown & Gray Crystalline Lime with a little Gray Shale and White Chert	4149'	
9'	Hard, light Brown Dolomite and Gray Crystalline Lime with a little White Chert	4158'	
11'	Hard, light Lime with a little White Chert	4169'	
12'	Hard, light Dolomite	4181'	
2'	Hard, light Dolomite, w/small amt. light dolomitic Green Shale	4183'	
2'	Hard, light Dolomite w/slight increase of light Dolomitic Green Shale	4185'	
3'	Hard, light Dolomite w/10% Dolomitic Green Shale	4188'	
2'	Hard, light Dolomite w/15% Dolomitic Green Shale	4190'	
3'	Hard, light Dolomite w/30% Dolomitic Green Shale	4193'	
1'	Hard, light Dolomite w/40% Dolomitic Green Shale	4194'	
1'	Light Brown Dolomite, trace Sand, 50% Shale	4195'	
	TOTAL DEPTH	<del>4195'</del> 4195' SIM.	
2'	Lead, Wool; Oakum; Putty	4193'	
1 1/2'	Lathe Cuttings	4191 1/2'	

THICKNESS	NATURE OF STRATA	DEPTH
2'	Lead Wool; Oakum; Putty	4189 $\frac{1}{2}$ '
2 $\frac{1}{2}$ '	Lathe Cuttings	4187'
1'	Lead Wool; Oakum	4186'
3'	Lead Wool	4183'
4'	Lathe Cuttings	4179'
3'	Lead Wool	4176'
1'	Lead Limit Plug	4175'
TOTAL DEPTH.....		4175' S.L.M.

REMARKS

The actual drilling of this well was started on March 16, 1932, and two days later, March 18, 1932, 15 $\frac{1}{2}$ " surface casing was set and cemented at 232' SIM with 170 sax cement. This cement was allowed to set 102 hours, during which time the crew completed rigging up, and drilling was resumed at 10:30 P.M. on March 22nd, 1932.

On March 23rd drilling was held up 12 hours due to being out of water, and two days later, March 25th, a small showing of gas was picked up at 1054' in Blue Shale and also at 1140' in Blue Shale.

Drilling progressed without interruption until April 2nd when it was shut down for 22 hours at a depth of 2350'. This lost time was due to losing the rock bit in the hole, but it was recovered on the same date, and drilling was continued. On April 6th, at a depth of 2740' a little circulation was being lost, and on April 10th at a depth of 3029' circulation was being lost and drilling was shut down for 10 hours due to being out of water, while the following day, April 11th, they were shut down for 5 hours waiting for water due to losing circulation. This same condition continued and on April 13th, 15 hours were lost waiting for water due to lost circulation, while the following day, April 14th, drilling was shut down waiting for water for 9 hours, during which time we were repairing the water pump.

Base of Oread Lime - 3233'.

On April 16th we cored the hole from 3366' to 3384' with a 4" core barrel and this coring gave us the following formation record:

3366' to 3370' - Gray Shale with a little Lime - medium hard.  
 3370' to 3378' - Gray Lime with a little Shale and a trace of Chert - Hard  
 3378' to 3384' - Gray Lime and Shale with a little Chert - medium hard.

Drilling was resumed after coring to 3387' CM or 3395' SIM correction (this correction should be made in the formation record from 3266'), and on April 17th the drill pipe was laid down and 10-3/4" casing was ran and cemented at 3378' SIM with 550 sax cement. The cement plug was pumped down to 3360' and while allowing the cement to set on the 10-3/4" casing rotary tools were moved out, the derrick was standardized and cable tools moved in. One 12 $\frac{1}{2}$ " x 10 $\frac{3}{4}$ " Braden head was also installed at the time the pipe was run.

On April 30th, after being shut down for 12 days, water was bailed down and drilling out the cement plug was started. After drilling out the cement plug the hole was steel lined and corrected from 3395' to 3390' SIM.

The first show of oil and gas was picked up on May 1st at 3418', and the gas was estimated at 50,000 cu. ft. at this depth, while at 3429' the gas was estimated to have increased to 200,000 cu. ft. The oil filled the hole as follows:

500' oil in the hole in 2 $\frac{1}{2}$ hours	1350' oil in the hole in 5 $\frac{1}{2}$ hours
2400' oil in the hole in 9 $\frac{1}{2}$ hours	2800' oil in the hole in 15 $\frac{1}{2}$ hours
3200' oil in the hole in 20 hours	Well made an estimated flow of 14 bbls. of oil with a corrected gravity of 35.0

No increases of oil or gas were recorded below 3429' until we reached the depth of 3469' where in a Brown & Gray Lime to 3475 $\frac{1}{2}$ ' we picked up a slight increase of gas and the hole filled from 3200' to 3300' with oil and then flowed 240 barrels of oil in 55 minutes. Drilling was resumed and we had a shale cave from 3475 $\frac{1}{2}$ ' to 3481'. The hole was bailed for three hours and after the flow of 240 barrels in the first 55 minutes it flowed but 25 barrels in the next 8 hours. The well was drilled to 3490' and we picked up another shale cave from 3486 $\frac{1}{2}$ ' to 3489'. At 3490' drilling was stopped temporarily and the well was swabbed with the following results:

1st 24 hours well swabbed 419 $\frac{1}{2}$  barrels of oil  
 2nd 24 hours well swabbed 325 barrels of oil.