15-155-01920-0000

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

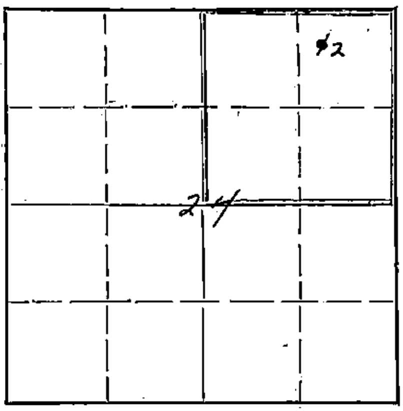
WELL PLUGGING RECORD

OR

FORMATION PLUGGING RECORD

Strike out upper line when reporting plugging off formations.

NORTH



Locate well correctly on above Section Plat

Reno County. Sec. 24 Twp. 24S Rge. 24S (E) 8 (W)

Location as "NE¼NW¼SW¼" or footage from lines NW/4 NE/4 NE/4

Lease Owner Skelly Oil Company

Lease Name W. A. Love Well No. 2

Office Address Box 1650, Tulsa, Oklahoma

Character of Well (completed as Oil, Gas or Dry Hole) Oil

Date well completed July 11, 1945

Application for plugging filed Oct. 28, 1948

Application for plugging approved Oct. 29, 1948

Plugging commenced Oct. 24, 1948

Plugging completed Oct. 28, 1948

Reason for abandonment of well or producing formation Depleted oil well

If a producing well is abandoned, date of last production October 1, 1948

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 Ruel Durkee

Producing formation Lansing Lime Depth to top 3520' Bottom 3522' Total Depth of Well 3546 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
Lansing Lime	Oil	3520'	3522'	8-5/8"	256'3"	None
				5-1/2"	3549'3"	2853'4"

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.

Crushed rock	3546' to 3520'
4 sacks of cement	3520' to 3496'
Mud laden fluid	3496' to 255'
10 sacks of cement	255' to 225'
Mud laden fluid	225' to 15'
3 sacks of cement	15' to 5'
Surface soil	5' to 0'

RECEIVED
NOV 12 1948
STATE CORPORATION COMMISSION
KANSAS
Rec'd 11-12-48

(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) H. E. Wamsley

Box 391, Hutchinson, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 11th day of November, 1948

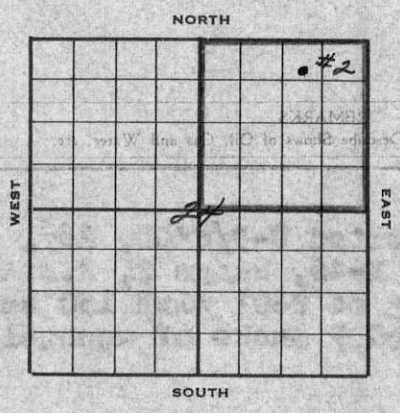
Josephine L. Johnson
Notary Public.

My commission expires April 7, 1951

2-48—15M

PLUGGING
FILE SEC 24 T 24 R 8W
BOOK PAGE 65 LINE 29

Form N47A Rev.



SKELLY OIL COMPANY

Well Record

Lease Name and No. W. A. Love #10635 Well No. 2 Elev. 1632' DF

Lease Description NE/4 of Sec. 24-24S-8W, Reno County, Kansas

Location made June 1 1945 by Reno County Engineer

570 feet from North line 990 feet from East line
feet from South line feet from West line of NE/4 Sec. 24

Work com'd June 3 1945 Rig comp'd June 4 1945 Drlg. com'd June 5 1945 Drlg. comp'd July 7 1945

Rig Contractor Claude Wentworth Drilling Company

Drilling Contractor Claude Wentworth Drilling Company, Tulsa, Oklahoma

Rotary Drilling from Top to 3522' SLM Cable Tool Drilling from 3522' to 3546'

Commenced Producing July 11 1945 { Initial Prod. before shot or acid Por. & sat. 3520-22' Bbls.
Initial Prod. after shot or acid Swabbed 8 hrs., 34 bbls. oil & 20 bbls. water Bbls.

Dry Gas Well Press Volume Cu. ft.

Casing Head Gas Pressure Volume Cu. ft.

Braden Head (Size 8-5/8"x5½"OD) Gas Pressure Volume Cu. ft.

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

PRODUCING FORMATION Lansing Lime (Name) Top 3521' Bottom 3522' TOTAL DEPTH 3546'

CASING RECORD

Size	Wt.	Thds.	Where Set	PULLED OUT Jts.	PULLED OUT Feet	PULLED OUT In.	LEFT IN Jts.	LEFT IN Feet	LEFT IN In.	KIND	Cond'n	CEMENTING Sacks Used	CEMENTING Method Employed
8-5/8"OD	28#	8r	260				9	256	3	REX H40	R2 A	150	Halliburton
5-1/2"OD	14#	8r	3521'				113	3549	3	RS H40	R2 A	100	Halliburton
(8-5/8" Casing set 6' in collar & 5½" cased to derrick floor)													
(Used 1 - 5½" Baker Combination Guide and Float Shoe)													

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	July 10, 1945	July 13, 1945		
Acid Used Size Shot	2000 Gals. Qts.	2000 Gals. Qts.	Gals. Qts.	Gals. Qts.
Shot Between	3521 Ft. and 3546 Ft.	3521 Ft. and 3546 Ft.	Ft. and Ft.	Ft. and Ft.
Size of Shell	Jetted			
Put in by (Co.)	Halliburton	Halliburton		
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder	None	None		

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS From	GAS To	OIL From	OIL To	REMARKS
Lansing Lime	3185'						
Lansing Lime Pay	3520'				3520'	3522'	Porous & saturated

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 Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Surface soil	0	10	
Sand and shale	10	260	Set and cemented 8-3/8"OD, 28#, 8rd thd., Grade H-40, Range 2, R.E.W. steel casing at 260' with 150 sacks of cement and 9 sacks of aquagel.
Shale	260	1030	
Shale and shells	1030	1170	
Lime and shale	1170	1475	
Shale and shells	1475	1550	
Salt	1550	1565	
Salt, shale & shells	1565	1645	
Lime and shale	1645	1890	
Lime	1890	1910	
Shale and shells	1910	2090	
Shale and lime	2090	2430	
Chert streaks & lime	2430	2460	
Lime and shale	2460	2510	
Lime	2510	2600	
Shale and shells	2600	2640	
Lime	2640	2660	
Lime and shale	2660	2710	
Lime	2710	2748	
Lime and shale	2748	2787	
Lime	2787	2927	
Lime and shale	2927	2955	
Lime	2955	3030	
Lime and shale	3030	3075	
Broken lime and shale	3075	3110	
Lime and shale	3110	3275	TOP LANSING LIME 3185'SLM
Lime	3275	3295	
Lime and shale	3295	3317	
Lime	3317	3369	
Lime and shale	3369	3399	
Broken lime	3399	3415	
Lime and shale	3415	3478	
Grey lime	3478	3517	
Dark grey shale	3517	3524	
Grey and brown oolitic lime	3524	3526	TOP LANSING LIME PAY 3520'SLM Porous and saturated Set and cemented 5½"OD, 14#, 8rd thd., Grade H-40, Range 2, Seamless steel casing at 3521'SLM with 100 sacks of cement and 4 sacks of aquagel. Finished cementing at 2:30 PM June 26, 1945. Rigged up cable tools and bailed the hole dry on July 3, 1945, and 5½" casing tested OK. Drilled cement plug on July 6, 1945, and cement job tested OK. Correction: 3526'SLM rotary table equals 3522' SLM derrick floor.
SLM	3526	3522	
DRILLED:			
Dense dark grey lime	3522	3527	No porosity or saturation Tested 12 hours, no show of oil or water
Grey oolitic & cherty lime	3527	3535	No porosity or saturation
Same	3535	3540	No porosity or saturation
Grey and brown crystalline lime with trace of chert	3540	3546	No porosity or saturation
TOTAL DEPTH		3546'	

Ran 2" tubing and on July 10, 1945, jetted formation from 3521' to 3523' with 2000 gallons of Halliburton acid as follows:

ACID TREATMENT NO. 1 - Between 3521' and 3546'

Treatment put in by Halliburton July 10, 1945, using 2000 gallons acid and 1010 gallons of water to flush:

TIME	CP	TP	REMARKS
9:30 AM		1000#	Started jetting at 1000# pressure
11:30 AM		1000#	1700 gallons of acid in tubing
11:40 AM	1000#	800#	1800 gallons of acid in tubing
11:45 AM	600#	1500#	2000 gallons of acid in tubing and started flush
12:05 PM	500#	500#	1010 gallons of water used to flush and treatment complete

After acid treatment, pulled tubing and swabbed through 5½" casing 6 hours, 75 barrels of water (used during acid treatment) and no oil and swabbed to bottom. Then bailed 3 hours, 1/2 barrel oil and 1/2 barrel water per hour.

On July 12th let well stand 12 hours, then bailed 1/2 barrel oil and 8 barrels of water, then tested 9 hours, 5 gallons of oil and 1/2 barrel water per hour.

On July 13th ran 2" tubing and treated with 2000 gallons of Halliburton acid as follows:

ACID TREATMENT NO. 2 - Between 3521' and 3546'

Treatment put in July 13, 1945, by Halliburton, using 2000 gallons acid and 91 barrels of oil to fill hole and to flush:

TIME	CP	TP	REMARKS
4:10 PM			Hole filled with 75 barrels of oil and started acid in
4:30 PM	725#	400#	700 gallons of acid in hole
4:51 PM	825#	500#	1000 gallons of acid in hole
5:09 PM	850#	525#	1300 gallons of acid in hole
5:37 PM	850#	525#	2000 gallons of acid in hole
6:00 PM	800#	800#	Hole flushed with 16 barrels of oil and treatment complete

After acid treatment, swabbed through 2" tubing 10 hours, 60 barrels oil and 5 barrels water. On July 15th swabbed through 2" tubing 10 hours, 22 barrels oil and 16 barrels water. On July 16th swabbed through 2" tubing 8 hours, 34 barrels oil and 20 barrels water and swabbed to bottom. Completed test and shut down to install regular pumping equipment

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'	1/2 "
3250'	3/4 "
3500'	3/4 "

Fidelity Onion Skin
MADE IN U.S.A.

PLUGGING

FILE SEC 24 T 24 R 8W

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