

WELL PLUGGING RECORD

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

Barber

County. Sec. 35 Twp. 32S Rge. (E) 13 (W)

Location as "NE/CNW%SW%" or footage from lines C SE/4 SW/4

Lease Owner Skelly Oil Company

Lease Name Lonker "A" Well No. 2

Office Address Box 1650, Tulsa, Oklahoma

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

Date well completed December 3, 1953

Application for plugging filed December 3, 1953

Application for plugging approved December 4, 1953

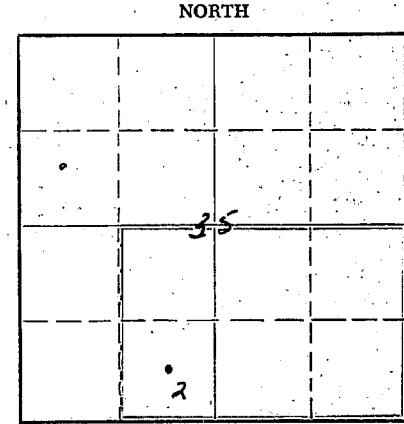
Plugging commenced December 12, 1953

Plugging completed December 15, 1953

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



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Mr. M. A. Rives

Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3945' Feet

Show depth and thickness of all water, oil and gas formations.

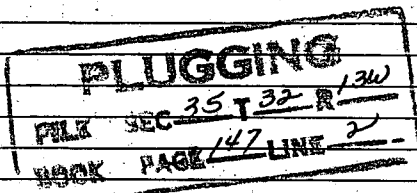
OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	OD SIZE	PUT IN	PULLED OUT
Tonganoxie Sand	Dry	3795'	3918'	8-5/8"	508'0"	None
Lansing Lime	Dry	3918'	3945'	5-1/2"	3889'3"	3020'11"

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.

Bridging plug 3809'
 1/2 sack Cal-Seal 3809' to 3807'
 Sand 3807' to 3795'
 5 sacks of cement 3795' to 3767'
 Mud laden fluid 3767' to 300'
 20 sacks of cement 300' to 180'
 Mud laden fluid 180' to 40'
 Rock 40' to 35'
 10 sacks of cement 35' to 6'
 Surface soil 6' to 0'



STATE CORPORATION COMMISSION
 CONSERVATION DIVISION

JAN 2 1954 01-04-94

CONSERVATION DIVISION

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

Name of Plugging Contractor West Supply Company

Address Chase, 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)

Box 391, Hutchinson, Kansas

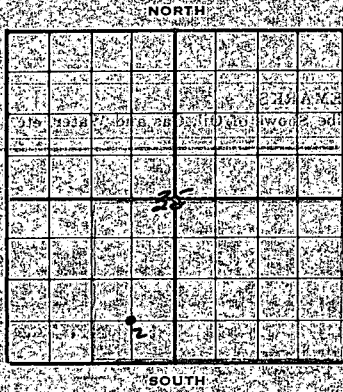
(Address)

SUBSCRIBED AND SWORN TO before me this 31st day of December, 19 53

My commission expires April 7, 1955

Josephine L. Johnson
 Notary Public.

SKELLY OIL COMPANY



Well Record

Lease Name and No. **Loner** Well No. **40726** Elev. **16**

Lease Description **1/4 - 1/2 - 1/4 section 35 - 16**

321-134, Barber County, Kansas (240 Acres)

Location made **October 23, 1953** by **Barber County engine**

feet from North line **660** feet from East line **1/4**

feet from South line **660** feet from West line of **Sec. 35**

Work com'd **10/24** 19 **53** Rig com'd **10/26** 19 **53** Drlg com'd **10/26** 19 **53** Drlg com'd **11/16**

Rig Contractor **Chas. Hulme Drilling Co., Inc.**

Drilling Contractor **Chas. Hulme Drilling Co., Inc., Great Bend, Kansas**

Rotary Drilling from **0'** to **3545'** Cable Tool Drilling from **To complete to**

Commenced Producing **11/16/53** 19 **53** Initial Prod. before shot or acid

Initial Prod. after shot or acid

Dry Gas Well Press. Volume

Casing Head Gas Pressure Volume

Braden Head () Size Gas Pressure Volume

Braden Head () Size Gas Pressure Volume

PRODUCING FORMATION **11/16/53** Top Bottom **TOTAL DEPTH 394**

CASING RECORD

OD Size	Wt.	Thd.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employ
8-5/8	22.7	J	515'				13	508	0	Amco 74		325	Halliburton
5-1/2	14	B	3860	91	3020	11	26	868	4	J55-82		185	Halliburton
(8-5/8" casing set 2' in collar and cased to derrick floor)													

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	11/16/53	11/19/53	11/21/53	
Acid Used Size Shot		Gals. Qts.	1000	Gals. Qts.
Shot Between	532 Ft and 836 Ft	3012 Ft and 3294 Ft	812 Ft and 1294 Ft	Ft and
Size of Shell	Halliburton	Halliburton		For repair
Put in by (Co.)	Land-Oil-rac	Land-Oil-rac	Halliburton	treatment
Length anchor				remarks
Distance below Casing				
Damage to Casing or Casing Shoulder				

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Algin Sand	3618'						
Loebner Shale	3712'						
Tensaxite Line	3795'						
Landing Line	3918'						

CLEANING OUT RECORDS

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

PLUGGING BACK AND DEEPENING RECORDS

	Date Commenced	Date Completed	No. Feet Plugged Back or Deepened	Prod. Before	Prod. After	REMARKS

RECORD OF FORMATIONS

INDICATE CASING POINTS, DESCRIBE SHOWS OF OIL, GAS AND WATER, ETC.

NO.	FORMATION	TOP	BOTTOM	REMARKS
1	Red bed, shale and shale	1200	1200	
2	Red bed, shale and shale	1150	1200	
3	Shale	1100	1150	
4	Shale and shale	1050	1100	
5	Shale and shale	1000	1050	
6	Shale and shale	950	1000	
7	Shale and shale	900	950	
8	Shale and shale	850	900	
9	Shale and shale	800	850	
10	Shale and shale	750	800	
11	Shale and shale	700	750	
12	Shale and shale	650	700	
13	Shale and shale	600	650	
14	Shale and shale	550	600	
15	Shale and shale	500	550	
16	Shale and shale	450	500	
17	Shale and shale	400	450	
18	Shale and shale	350	400	
19	Shale and shale	300	350	
20	Shale and shale	250	300	
21	Shale and shale	200	250	
22	Shale and shale	150	200	
23	Shale and shale	100	150	
24	Shale and shale	50	100	
25	Shale and shale	0	50	

1. Red bed, shale and shale
 2. Red bed, shale and shale
 3. Shale
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 100. Shale and shale

Swabbed through 2" tubing 10 hours, 42 barrels of oil used in treating, gas estimated 100 M.C.F. Pulled 2" tubing and packer and swabbed through 5 1/2" casing 6 hours, 90 barrels of oil used in treating and 24 gallons of water, gas gauges 100 M.C.F.

On November 21, treated through 5 1/2" casing with 1000 gallons of Halliburton 15% acid and 12 gallons of Merillo as follows:

ACID TREATMENT NO. 1 - Between 3812' and 3829'

Treatment put in 11/21/53 by Halliburton, using 1000 gallons of acid and 93 barrels of oil to fill and flush.

TIME	GF	REMARKS
12:00 pm	Vac.	Start acid down casing
12:47 pm	600'	Acid on bottom
1:00 pm	1000'	80 gallons of acid in formation
1:33 pm	1100'	520 gallons of acid in formation
2:04 pm	1100'	1000 gallons of acid in formation

Swabbed through 5 1/2" casing 4 hours, 93 barrels of oil used in treating and 24 barrels of spent acid water; then swabbed 7 hours, swabbing 800' off bottom, 8 barrels of water per hour and could not lower fluid level. Drilled and drove Baker bridging plug to 3852'. Ran 2" tubing and set Halliburton DM retainer at 3792' and cemented perforations from 3812' to 3835' with 100 sacks of cement, TP-3500'. Pulled tubing and shut down for cement to set.

On November 25, bailed the hole dry and drilled cement plug and cleaned out to 3848' DIM, and 5 1/2" casing tested dry. Perforated 5 1/2" casing from 3812' to 3829' with 72 cone shots by Lane-Wells, no shows. Bailed and tested 14 hours, 5 gallons of salt water per hour. On November 29, treated through 5 1/2" casing with 1000 gallons of Halliburton 15% acid and 12 gallons of Merillo as follows:

ACID TREATMENT NO. 2 - Between 3812' and 3829'

Treatment put in 11/29/53 by Halliburton, using 1000 gallons of acid and 94 barrels of oil to fill and flush.

TIME	GF	REMARKS
12:00 pm	Vac.	Started acid down casing
12:31 pm	750'	1000 gallons of acid on bottom
12:50 pm	1700'	100 gallons of acid in formation
12:52 pm	1250'	140 gallons of acid in formation
1:39 pm	1150'	1000 gallons of acid in formation

Swabbed through 5 1/2" casing 2 hours, 94 barrels of oil used in treating and 24 barrels of spent acid water; then swabbed 16 hours, 20 barrels of water per hour.

Set Baker bridging plug at 3809' and 5 1/2" casing tested dry. Plugged back from 3809' to 3807' with 1/2 sack of Cal-Seal, then perforated 5 1/2" casing from 3797' to 3805' with 47 holes by Lane-Wells, no shows. Bailed and tested 9 hours, no recovery. Ran 2" tubing and set Halliburton DM packer at 3782'. Ran Halliburton Sand-Oil-Frac treatment as follows:

SAND-OIL-FRAC TREATMENT NO. 3 - Between 3797' and 3805'

Used 40 barrels of heavy crude oil
 2500# of sand
 120 barrels of oil to fill and flush
 Maximum TP-4500#, broke to 4500#
 Time 59 minutes

Swabbed through 2" tubing 12 hours, 47 barrels of oil used in treating, no show of gas. Pulled tubing and packer and swabbed through 5 1/2" casing 6 hours, 75 barrels of oil used in treating; then bailed and tested 11 hours, 15 gallons of oil used in treating and 2 gallons of water per hour with trace of gas.

Since all probable source of commercial oil or gas production had been tested in the well at this time, regular authority was granted to plug and abandon the well.

On December 15, the well was plugged as follows:

Sand 3807' to 3795'
 5 sacks of cement 3795' to 3787'

Shot 5 1/2" casing off at 3600' and pulled 91 joints (3020') of 5 1/2" 145, SR thd., R-2, J-55, S.S. casing (B cond.)

And laden fluid 3767' to 300'
 20 sacks of cement 300' to 180'
 And laden fluid 180' to 40'
 Rock 40' to 35'
 10 sacks of cement 35' to 6'
 Surface soil 6' to 0'

LOVE TEST DATA

<u>DEPTH</u>	<u>AMOUNT OF DEFLECTION</u>
750'	1/2 loges
1000'	1/2 "
1500'	1/2 "
2000'	1 "
2250'	1/2 "
2500'	1 "
3000'	1/2 "
3429'	1 "

WATER ANALYSIS

Fawcett Research Laboratory
Sample No. 7433
Depth Taken: 3812' to 3829'
Date Received: 12/5/53
Analysis Completed: 12/7/53

PPM

Chlorides as Cl.	54,786
Chlorides as NaCl.	90,305
Sulphates as SO ₄	763.00
Sulphates as CaSO ₄	1,081

Sample No. 7391
Depth Taken: 3832' to 3836'
Date Received: 11/20/53
Date Completed: 11/24/53

PPM

Chlorides as Cl.	61,913
Chlorides as NaCl.	115,020
Sulphates as SO ₄	3,067
Sulphates as CaSO ₄	4,347