

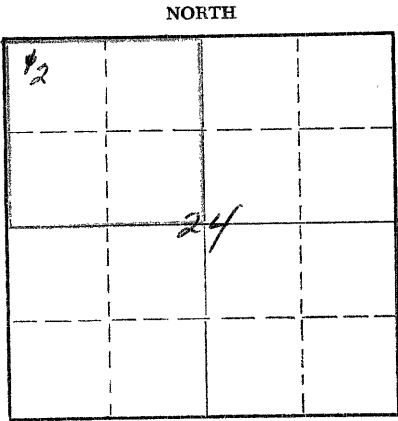
Give All Information Completely  
Make Required Affidavit  
Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 North Market, Insurance Bldg.  
Wichita, Kansas

15-163-1902-00-00  
01009-00-01

WELL PLUGGING RECORD

Rooks County. Sec. 24 Twp. 9S Rge. (E) 19 (W)

Location as "NE/CNW/SW" or footage from lines NW/4 NW/4 NW/4  
Lease Owner Skelly Oil Company  
Lease Name N. B. Thyfault Well No. 2  
Office Address Box 1650, Tulsa, Oklahoma  
Character of Well (completed as Oil, Gas or Dry Hole) Oil  
Date well completed March 11, 19 52  
Application for plugging filed February 23, 19 61  
Application for plugging approved February 28, 19 61  
Plugging commenced February 24, 19 61  
Plugging completed February 25, 19 61  
Reason for abandonment of well or producing formation Depleted



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production January 18, 19 61  
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 Mr. Eldon Petty  
Producing formation Arbuckle Lime Depth to top 3515' Bottom 3517' Total Depth of Well 3517 Feet  
PB 3290'

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
Arbuckle Lime	Oil	3515'	3517'	8-5/8"	287'	None
				5-1/2"	3542'	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.

Mud 3290' to 1650'  
65 sacks of cement 1650' to 1130'  
Mud 1130' to 600'  
10 sacks of cement 600' to 520'  
Mud 520' to 40'  
10 sacks of cement 40' to 6'  
Surface soil 6' to Surface

RECEIVED  
STATE CORPORATION COMMISSION  
3/16/61  
MAR 6 1961  
CONSERVATION DIVISION  
Wichita, Kansas

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

Name of Plugging Contractor Skelly Oil Company  
Address Box 391, Hutchinson, 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 3rd day of March, 19 61

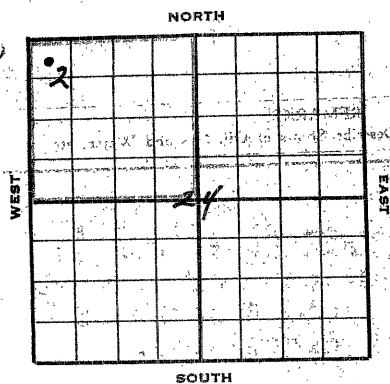
My commission expires April 7, 1963

Josephine L. Johnson  
Notary Public.



15-163-01001-00-01

# SKELLY OIL COMPANY



## Well Record

Lease Name and No. **W.A. Thyfault** Well No. **2** Elev. **2095'**  
 Lease Description **1/4 of Section 24-9-19W, Books County, Kansas (160 Acres)**  
 Location made **January 30, 1952** by **J. J. Cussen**  
**330** feet from North line **330** feet from East line  
**330** feet from South line **330** feet from West line of **Sec. 24**

Work com'd **2/10** 19 **52** Rig com'p'd **2/16** 19 **52** Drlg. com'd **2/16** 19 **52** Drlg. com'p'd **2/27** 19  
 Rig Contractor **Claude Wentworth Drilling Co., Inc.**  
 Drilling Contractor **Claude Wentworth Drilling Co., Inc., Tulsa, Oklahoma**  
 Rotary Drilling from **0'** to **3517'** Cable Tool Drilling from **To complete**  
 Commenced Producing **March 11, 1952** Initial Prod. before shot or acid  
 Initial Prod. after shot or acid **100 16 hrs. on draw com' pot., 225 80 16 24 for net 100 allowed potential of 1,967 bbls.**  
 Dry Gas Well Press \_\_\_\_\_ Volume \_\_\_\_\_  
 Casing Head Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_  
 Braden Head (**4-5/8" x 51" OD**) Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_  
 Braden Head ( \_\_\_\_\_ ) Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_

PRODUCING FORMATION **Arbuckle Lime** Top **3515'** Bottom **3517'** TOTAL DEPTH **3517'**  
 (Name)

### CASING RECORD

OD Size	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed
<b>8-5/8"</b>	<b>24.55</b>	<b>292'</b>					<b>7</b>	<b>287</b>	<b>0</b>	<b>R3 R3</b>	<b>0</b>	<b>150</b>	<b>Halliburton</b>
<b>5-1/2"</b>	<b>14.68</b>	<b>3515'</b>					<b>100</b>	<b>3542</b>	<b>0</b>	<b>J55 R2</b>	<b>10 A</b>	<b>500</b>	<b>Halliburton</b>
<b>(8-5/8" casing set 2' in collar and 3 1/2" cased to derrick floor)</b>													
<b>Used 1 - 3 1/2" OD Larkin Combination Guide &amp; Float Shoe</b>													

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				
Acid Used				
Size Shot				
Shot Between	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.
Size of Shell				
Put in by (Co.)				
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder				

### SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
<b>Topoka Lime</b>	<b>3094'</b>						
<b>Heubner Shale</b>	<b>3232'</b>						
<b>Toronto Line</b>	<b>3294'</b>						
<b>Lansing Line</b>	<b>3277'</b>				<b>3308'</b>	<b>3450'</b>	<b>Good porosity and stain</b>
<b>Arbuckle Lime</b>	<b>3514'</b>				<b>3514'</b>	<b>3517'</b>	<b>Good porosity and stain</b>

### CLEANING OUT RECORDS

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

(See Reverse for Record of Formation)

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Surface soil, shale, and sand	0	292	
Shale	292	520	
Shale and shells	520	530	
Sand and shale	530	920	
Shale	920	990	
Sand and shale	990	1115	
Shale and shells	1115	1235	
Shale	1235	1400	
Hydrite	1400	1430	
Shale and shells	1430	1893	
Shale	1893	1960	
Shale	1960	2045	
Shale and shells	2045	2140	
Shale and streaks of lime	2140	2265	
Shale and lime	2265	2353	
Shale and shells	2353	2660	
Sand and shale	2660	2800	
Shale and shells	2800	2975	
Shale and shale	2975	3135	

For the purpose of cementing 5 1/2" OD, 14 1/2' SR casing (1/2 cond.) at 292' with 150 sacks of sulphate resisting cement and 5 sacks of squalol. Cement circulated.

TOP TUBING LINE 1011'  
 TOP BRIDGE LINE 1218'  
 TOP BRIDGE LINE 1251'  
 TOP BRIDGE LINE 1277'

Grey to tan, finely crystalline, oolitic and oolitic line	3308	3319	Good porosity and stain
Grey, sucrose to oolitic line	3319	3356	
Grey to tan, medium crystalline, sucrose and oolitic line	3356	3361	Good porosity with fair stain
Grey to tan, medium crystalline, sucrose and oolitic line	3361	3437	
Grey to tan, medium crystalline, sucrose and oolitic line	3437	3441	Good porosity and stain
Grey to tan, medium crystalline, sucrose and oolitic line	3441	3446	
Grey to tan, medium crystalline, sucrose and oolitic line	3446	3450	Good porosity and stain
Grey to tan, medium crystalline, sucrose and oolitic line	3450	3514	TOP BRIDGE LINE 3514'
Grey to tan, medium crystalline, sucrose and oolitic line	3514	3517	Good porosity and stain

Estimated cemented 5 1/2" OD, 14 1/2' SR casing (1/2 cond.) at 3515' with 300 sacks of sulphate resisting cement and 15 sacks of squalol. Finished cementing at 6:00 a.m. 2/28/52. Halliburton Temperature Survey showed top of cement behind casing at 2640'.

Rigged up cable tools and swabbed and bailed the hole down on March 5, 11" casing tested dry. Drilled cement plug and cleaned out to bottom and cement job tested OK, 300' GIN in 1/2 hour, 1600' GIN in 2 hours, 2000' GIN in 3 hours, and 2800' GIN in 4 hours. On March 8, ran 2" tubing rods and PDS 6 hours, 169 barrels of oil with trace of water. On March 9, PDS 16 hours, 285 barrels of oil and 18 barrels of water. One test by depthograph showed well stable 1160' down at 21 barrels per hour indicated productivity of 2100 barrels.

On March 11, PDS 16 hours on State Corporation Commission draw down potential, 225 barrels of oil and 56 barrels of water for indicated productivity of 2,364 barrels of fluid, less 25% water from maximum 24 hour potential 3000 barrels, for a net allowed potential of 1,969 barrels. This potential allows 45 barrels per day for the remainder of March, 1952.

SLOPE TEST DATA

DEPTH	ANGLE OF DEFLECTION
300'	1/2 Degree
750'	"
1500'	"
2000'	"
2500'	"
3000'	"

INDICATED PRODUCTION AND DEPLETION RECORD

DATE	PRODUCTION	DEPLETION

# SKELLY OIL COMPANY

## CHANGE IN WELL RECORD

Give complete description of all cleaning out, deepening, plugging back and fishing jobs, changes in casing, material lost in hole, etc, not recorded in original well record.

LEASE NAME R. B. Myrault  
 SEC. 24 T. 25 R. 19W  
 BLOCK \_\_\_\_\_ SURVEY \_\_\_\_\_

WELL NO. 2 DISTRICT Western Kansas  
 COUNTY Hooker AFE NO. 6026  
 STATE Kans T&A 6713

### TYPE OF WORK

TEST TORQUES & LANSING LINES  
PLUG AND ABANDON WELL

Date commenced January 19, 1961 Date completed February 25, 1961  
 Deepened from \_\_\_\_\_ to \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Plugged back from 3317' to Surface P.B.T.D. Surface  
 Cleaned out from \_\_\_\_\_ to \_\_\_\_\_  
 Production before 1/2 bbls. oil 32 bbls. water \_\_\_\_\_ cu. ft. c  
 Production after \_\_\_\_\_ bbls. oil \_\_\_\_\_ bbls. water \_\_\_\_\_ cu. ft. c  
 Tools owned by: W. B. Copeland Kind used: Cable No. days rig time: 6  
 Cost of Job \$ \_\_\_\_\_ Revised Estimated Payout (Mos.) \_\_\_\_\_

### TREATMENT RECORD

DATE	TYPE TREATMENT	INTERVAL TREATED	AMOUNT OF TREATMENT
1/19/61	Acid	3464'-3468'	500 gals. 15%
1/20/61	Acid	3441'-3444'	500 gals. 15%
1/21/61	Acid	3312'-3316'	500 gals. 15%
1/22/61	Acid	3254'-3256'	500 gals. 15%
1/23/61	Acid	3275'-3285'	500 gals. 15%

### CHANGES IN CASING RECORD

STRINGS	SIZE	WHERE SET (Depth)	CEMENTING RECORD		REMARKS
			Sacks Used	Top Cem't. Bh'd. Csg.	
Production					
Liner					Top liner;

SIZE	WT.	THDS.	KIND	COND.	LEFT IN				PULLED OUT				
					Jts.	Feet	LTM	WTM	Jts.	Feet	LTM	WTM	

### PRODUCING FROM

PLUGGED AND ABANDONED

thru OPEN HOLE PERFORATIONS TOP BOTTOM Total No. Shots \_\_\_\_\_

REMARKS (Give review of work performed and any other comment of interest)

On January 19, 1961, moved in and rigged up cable tools. Set 5 1/2" Lane-Wells bridging plug at 3495' and plugged back with 1/2 sack of Cal-Seal from 3495' to 3490'.

#### PERFORATION JOB No. 1 - Lansing Line - 3441'-3468'

5 1/2" casing perforated with 4 type 2 holes per foot by Lane-Wells:

3464'-3468' - 4" - 16 holes  
 3441'-3444' - 3" - 12 holes  
 Total - 7" 28

No shows. Ran 2" tubing with 5 1/2" Halliburton MK straddle packers. Set top packer at 3449', bottom packer at 3466'.

#### TREATMENT NO. 1 - (Acid) - 3464'-3468'

1/19/61 treated through 2" tubing by Halliburton with 500 gallons of 15% penetrating MK acid, maximum CP-600#, broke to 300#, finished on vacuum, flushed with 12 barrels of water, time 11 minutes.

Swabbed through tubing 1 hour, 12 barrels of water used in treatment; swabbed through tubing 8 hours, no oil and 32 barrels of water.

Reset 2" tubing and packers with top packer at 3418' and bottom packer at 3455'.

#### TREATMENT NO. 2 - (Acid) - 3441'-3444'

1/20/61 treated through 2" tubing by Halliburton with 500 gallons of 15% penetrating MK acid, maximum IP-400#, minimum IP-Vac., time 4 minutes, flushed with 12 barrels water.

Swabbed through 2" tubing 1 hour, 12 barrels of water used in treating; then swabbed 15 hours, 5 barrels oil and 14 barrels of water.

Pulled tubing and packer and set 5 1/2" Lane-Wells bridging plug at 3370', casing tested dry.

CONSERVATION DIVISION  
 Wichita, Kansas

STATE OF KANSAS  
 COMMISSION  
 1961

PERFORATION JOB NO. 2 - Lansing Line - 3312'-3316'

5 1/2" casing perforated with 4 type B holes per foot by Lane-Wells:

3312'-3316' - 4' - 16 holes

No shows. Ran 2" tubing and set Lane-Wells packer at 3270'.

TREATMENT NO. 3 - (Acid) - 3312'-3316'

1/21/61 treated through tubing by Halliburton with 500 gallons of 15% penetrating HCl acid, flushed with 14 barrels of water, maximum TP-300#, broke to 200#, finished on vacuum, time 8 minutes.

Swabbed through 2" tubing 6 hours, 11 barrels of water used in treatment. Swabbed through 2" tubing 3 hours, 3 barrels of water used in treatment; then swabbed through tubing 4 hours, 1/2 barrel of oil and 3 1/2 barrels of water.

Pulled tubing and set 5 1/2" Lane-Wells bridging plug at 3290', casing tested dry.

PERFORATION JOB NO. 3 - Toronto Line - 3254'-3264'

5 1/2" casing perforated with 4 type B holes per foot by Lane-Wells:

3254'-3264' - 10' - 40 holes - No shows

Ran 2" tubing with 5 1/2" Lane-Wells packer and set packer at 3215'.

TREATMENT NO. 4 - (Acid) - 3254'-3264'

1/22/61 treated through tubing by Halliburton with 500 gallons of 15% penetrating HCl acid, flushed with 14 barrels of water, maximum TP-150#, broke to vacuum, time 9 minutes.

Swabbed through 2" tubing 5 hours, 14 barrels of water used in treatment. Swabbed through 2" tubing 5 hours, no oil and 11 barrels of water. Pulled tubing and packer.

PERFORATION JOB NO. 4 - Lansing Line - 3275'-3286'

5 1/2" casing perforated with 4 type B holes per foot by Lane-Wells:

3275'-3278' - 3' - 12 holes

3280'-3286' - 6' - 24 holes - No shows

TOTAL 9' 36

Ran 2" tubing and set 5 1/2" Lane-Wells hookwall packer at 3270'

TREATMENT NO. 5 - (Acid) - 3275'-3286'

2/3/61 treated through tubing by Halliburton with 500 gallons of 15% penetrating HCl acid, maximum TP-350#, broke to Vac., flushed with 14 barrels of water, time 4 minutes.

Swabbed through 2" tubing 4 hours, 14 barrels of water used in treatment; then swabbed through 2" tubing 7 hours, no oil and 18 barrels of water.

Pulled tubing and packer and shut down for machine to P & A.

On February 24, 1961, plugged the well as follows:

40 sacks of mud	3290' to 1650'
65 sacks of cement	1650' to 1130'
Mud	1130' to 600'
10 sacks of cement	600' to 520'
Mud	520' to 40'
10 sacks of cement	40' to 6'
Surface soil	6' to Surface

Plugged and abandoned February 25, 1961.

ACCOMPLISHING RECORD

Date commenced: February 26, 1955

Date completed: March 23, 1955

Production before: 100% water

Production after: 44 barrels of oil and 405 barrels water

Total Depth: 3517'

Water broke in through 5 1/2" casing, and on February 26, 1955, pulled rods and tubing. Ran 2" tubing with Halliburton NM packer and found hole in 5 1/2" casing at 997'. Tested for input and well took 2 barrels per minute at 800'-TP, did not circulate. Pulled tubing and packer, set Halliburton cast iron bridging plug at 3495', ran 2" tubing and set Halliburton DM retainer at 985'. Cemented off leak in 5 1/2" casing at 997' with 175 sacks of sulphate resisting cement, estimated 153 sacks below DM retainer at 1450'-TP. Reversed out 22 sacks of cement, pulled 2" tubing and on March 1, shut down for cement to set.

On March 14, rigged up cable tools, swabbed and bailed hole dry to DM retainer at 985', and 5 1/2" casing tested dry. Drilled retainer and cement plug to 1010', bailed hole dry to 1900', tested 1 hour, and 5 1/2" casing tested dry. Drilled bridging plug at 3495' and cleaned out to bottom, 3517'.

Bailed hole clean, ran 2" tubing and rods and FOB 3 hours, 45 barrels of water and well quit pumping. Pulled rods and tubing, bailed and cleaned up hole, reran tubing and rods and FOB 5 hours, 1 barrel of oil and 89 barrels of water. Moved out cable tools.

On March 18, FOB 17 hours, 20 barrels of oil and 189 barrels of water.  
 On March 19, FOB 24 hours, 23 barrels of oil and 240 barrels of water.  
 On March 20, FOB 24 hours, 23 barrels of oil and 240 barrels of water.  
 On March 21, FOB 24 hours, 37 barrels of oil and 384 barrels of water.  
 On March 22, FOB 24 hours, 46 barrels of oil and 407 barrels of water.  
 On March 23, FOB 24 hours, 44 barrels of oil and 405 barrels of water.

