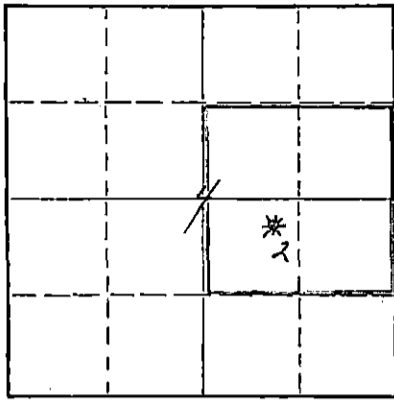


STATE OF KANSAS  
STATE CORPORATION COMMISSION

Information Completely  
and Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
800 Bittling Building  
Wichita, Kansas

WELL PLUGGING RECORD

NORTH



Locate well correctly on above  
Section Plat

Pratt County, Sec. 4 Twp. 26S Rge. (E) 13(W)  
Location as "NE/CNW/SW" or footage from lines NE/4 NW/4 SE/4  
Lease Owner Skelly Oil Company  
Lease Name J. B. Chance Well No. 2  
Office Address Box 1650, Tulsa, Oklahoma  
Character of Well (completed as Oil, Gas or Dry Hole) Gas  
Date well completed September 29, 19 53  
Application for plugging filed July 6, 19 55  
Application for plugging approved July 7, 19 55  
Plugging commenced August 9, 19 55  
Plugging completed August 18, 19 55  
Reason for abandonment of well or producing formation Depleted gas well

If a producing well is abandoned, date of last production July 8, 19 55  
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. M. A. Rives  
Producing formation Mississippi Lime Depth to top 4157 Bottom 4176 Total Depth of Well 4218 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
Mississippi Lime	Gas	4157'	4176'	8-5/8"	789'6"	None
				5-1/2"	4459'3"	1609'7"

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.

Sand 4218' to 3800'  
5 sacks of cement 3800' to 3770'  
20 sacks of Gel 3770' to 250'  
80 sacks of cement 250' to 6'  
Surface soil 6' to 0'

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 10 1955  
9-10-55  
CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Ace Pipe Pulling Company  
Address Box 304, Great Bend, 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) *H. E. Wamsley*  
Box 391, Hutchinson, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this \_\_\_\_\_ day of September, 19 55

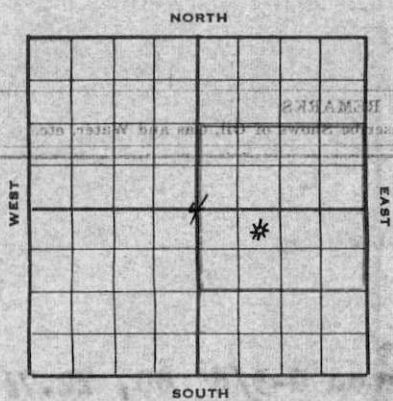
My commission expires April 7, 1959

*Josephine L. Johnson*  
Notary Public.

PLUGGING  
FILE SEC 4 T26 R/3W  
BOOK PAGE 132 LINE 6

PLUGGING  
FILE SEC T R  
BOOK PAGE LINE

# SKELLY OIL COMPANY



**Well Record**  
 Lease Name and No. J. B. Chance Well No. 2 Elev. 1935' RB  
 Lease Description 3/2 NE/4 & N/2 SE/4 Section 4-26S-13W,  
Pratt County, Kansas (160 Acres)  
 Location made July 29, 1953 by J. B. Rohling  
990 feet from North line 990 feet from East line N/2 SE/4  
990 feet from South line 990 feet from West line of Sec. 4

Work com'd 7/31 1953 Rig comp'd 8/1 1953 Drlg. com'd 8/1 1953 Drlg. comp'd 8/23 1953  
 Rig Contractor Claude Wentworth Drilling Co., Inc.  
 Drilling Contractor Claude Wentworth Drilling Co., Inc., Tulsa, Oklahoma  
 Rotary Drilling from 0' to 4412' Cable Tool Drilling from To complete to

Commenced Producing September 29, 1953 Initial Prod. before shot or acid \_\_\_\_\_ Bbls.  
 Initial Prod. after shot or acid \_\_\_\_\_ Bbls.  
 Dry Gas Well Press. \_\_\_\_\_ Volume 240,000 Cu. ft.  
 Casing Head Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.  
 Braden Head (8-5/8 Size 5 1/2 OD) Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.  
 Braden Head ( \_\_\_\_\_ Size \_\_\_\_\_ ) Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.

PRODUCING FORMATION Mississippi Lime Top 4157' Bottom 4176' TOTAL DEPTH 4412'  
 (Name) \_\_\_\_\_

### CASING RECORD

OD Size	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Fts.	Feet	In.	Fts.	Feet	In.			Sacks Used	Method Employed
8-5/8"	22.7	8J	797'				20	789	6	Araco SW	A	675	Halliburton
5-1/2"	17 1/2	8R	4412'				189	4459	3	RI LW	A	200	Halliburton
(8-5/8" casing set 1'6" in collar and 5 1/2" cased to derrick floor)													
(5 1/2" casing perforated from 4314'-18" with 24 holes, and from 4157'-76" with 113 holes)													
Used 1 - 5 1/2" OD Baker Combination Guide & Float shoe													

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	9/13/53	9/16/53	9/25/53	
Acid Used		500		
Size Shot		Gals. Qts.	Gals. Qts.	Gals. Qts.
Shot Between	4314 Ft. and 4318 Ft.	3812 Ft. and 3818 Ft.	4157 Ft. and 4176 Ft.	Ft. and Ft.
Size of Shell				
Put in by (Co.)	Halliburton	Halliburton	Halliburton	
Length anchor				
Distance below Cas'g	(Sand-Oil-Frac)		(Sand-Oil-Frac)	
Damage to Casing or Casing Shoulder				

### SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Heebner shale	3537'						
Toronto	3554'						
Tonganoxie	3596'						
Lansing Lime	3735'						
Conglomerate	4115'						
Mississippi Lime	4157'						
Viola Lime	4242'						
Simpson Sand	4314'						

### 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
Surface soil, sand and clay	0	200	
Sand	200	290	
Red bed and shells	290	750	
Red bed and lime	750	785	
Anhydrite	785	797	
Shale and shells	797	836	
Shale and shells	836	1125	
Salt and shale	1125	1245	
Shale and shells	1245	1880	
Lime and shale	1880	2420	
Lime	2420	2515	
Lime and shale	2515	3220	
Lime	3220	3596	

Set and cemented 8-5/8" OD, 22.7#, R-3, Araco S.W., S.J. steel casing (A cond.) at 797' with 475 sacks of Pozmix cement and 2% aquagel with 1% calcium chloride. Cement did not circulate. Ran 1" pipe behind 8-5/8" casing to 80' and cemented around top of 8-5/8" casing with 200 sacks of cement, 2% aquagel with 1% calcium chloride. Cement circulated.

FORMATION	TOP	BOTTOM	REMARKS
Greenish gray, fine grained slightly micaceous sand slightly shaley sand	3596	3610	
Lime	3610	3818	
Gray, buff, fine crystalline lime	3818	3829	
Lime	3829	3835	

Good porosity, no shows. Ran Halliburton drill stem test, packer set at 3589', used 21' anchor, open 1 hour 15 mins., recovered 1110' of salt water. Initial flow 34%, final flow 54.9%, BHP-1284#.

Fair pin-point porosity, light spotted stain to fair saturation. Ran Halliburton drill stem test, packer set at 3812', used 23' anchor, open 2 hours, fair blow of air throughout, recovered 325' of muddy salt water with very light scum of oil. Initial flow 30%, final flow 172%, BHP-200#.

FORMATION	TOP	BOTTOM	REMARKS
Lime	3835	3879	
Green, fine crystalline oolitic and oolitic	3879	3882	
Lime	3882	3901	

Good vuggy porosity, good spotted stain. Ran Halliburton drill stem test, packer set at 3871', used 30' of anchor, open 1 hour, fair blow at start, dropping to 0% in 45 minutes, recovered 90' of slightly gas cut mud, 60' of muddy salt water. Initial flow 18%, final flow 50%, BHP-188#.

FORMATION	TOP	BOTTOM	REMARKS
Lime and shale	3901	3987	
Gray oolitic and oolitic lime	3987	3993	
Lime	3993	4012	
Lime and shale	4012	4028	
Lime	4028	4100	
Lime and shale	4100	4179	
Lime and chert	4179	4235	
Chert	4235	4260	
Lime and chert	4260	4309	

Good porosity, fair spotted stain. Ran Halliburton drill stem test, packer set at 3978', open 1 hour, weak blow for 20 minutes, recovered 30' of gas and salty cut mud, initial flow 0%, final flow 30%, BHP-60#.

BASE KANSAS CITY 4034'  
TOP NANNATON 4050'  
TOP CONGLOMERATE 4115'  
TOP MISSISSIPPI LIME 4157'  
TOP KINGMAN SHALE 4227'  
TOP MISNER SAND 4230'  
TOP VIOLA LIME 4242'  
TOP SIMPSON SHALE 4309'  
TOP SIMPSON SAND 4314'

Cored from 4309' to 4356' - Recovered 46'  
Top 4' - Gray, fine grained hard sand, bleeding oil slightly  
Next 8' - Brown, medium grained shaley sand, good odor, bleeding oil slightly

- Next 1' - Brown medium grained sand, good odor, bleeding oil slightly
- Next 6' - Brown, fine grained shaley sand, good vuggy porosity and odor, bleeding slight amount of oil
- Next 8' - Brown, fine grained dolomitic sand
- Next 3' - Greenish-gray sandy shale
- \* Next 3'6" - Gray, fine crystalline dolomite
- Next 2'6" - Dark sandy shale
- Last 7' - Dark gray shale

\* Next 3' - Gray, very fine grained dolomitic sand  
 Ran Johnston drill stem test, packer set at 4298', open 1 hour, strong blow of air throughout test, recovered 180' of gas cut mud, 120' of oil and gas cut mud, initial flow 0%, final flow 0%, BHP-1125%, TOP ARBUCKLE LINE 4395'

Lime 4356 4392  
 Cream to buff, fine crystalline dolomite 4392 4412 No porosity or shows

Set and cemented 5 1/2" OD, 17#, 8R thd., R-1, South Chester, L.W. steel casing (A cond.) at 4412' with 200 sacks of cement and 2' aquagel. Finished cementing at 5:00 p.m. 8/23/53. Halliburton Temperature Survey showed top of cement behind 5 1/2" casing at 3120'.

Rigged up cable tools and bailed the hole dry on August 29. Drilled cement plug and cleaned out to 4409' and 5 1/2" casing tested dry. Ran Lane-Wells Gamma Ray Survey and perforated 5 1/2" casing from 4330' to 4334' with 12 holes by Lane-Wells. Bailed and tested 8 hours, 45 gallons of salt water with very light scum of oil. On August 30, ran 2" tubing and set Halliburton DM retainer at 4320' and cemented off perforations from 4330' to 4334' with 100 sacks of cement, maximum TP-3500%. Pulled tubing and shut down for cement to set.

On September 2, bailed hole dry and 5 1/2" casing tested dry. Drilled retainer and drilled cement plug and cleaned out to 4329'. Perforated 5 1/2" casing from 4324' to 4328' with 12 holes by Lane-Wells. Bailed and tested 16 hours, 24 gallons of salty water and no oil per hour. On September 4, ran 2" tubing and set Halliburton DM retainer at 4306' and cemented off perforations from 4324' to 4328' with 100 sacks of cement, maximum TP-3500%. Pulled tubing and shut down for cement to set.

On September 7, bailed the hole dry and 5 1/2" casing tested dry. Drilled cement retainer and drilled cement plug and cleaned out to 4324'. Perforated 5 1/2" casing from 4319' to 4323' with 11 holes by Lane-Wells. Bailed and tested 4 hours, 13 gallons of water and no oil per hour. Ran 2" tubing and set Halliburton DM retainer at 4300'. Tried to pump into formation, unable to do so. Ran 250 gallons of Halliburton HCA acid and formation started taking acid at 1500'-TP. Cemented off perforations from 4319' to 4323' with 100 sacks of cement, maximum TP-3500%. Pulled tubing and shut down for cement to set.

On September 11, bailed the hole dry and 5 1/2" casing tested dry. Drilled cement retainer and cement plug to 4302' and lost bit in hole. Recovered bit and drilled cement plug and cleaned out to 4318 1/2' and 5 1/2" casing tested dry. Perforated 5 1/2" casing from 4314' to 4318' with 24 holes by Lane-Wells. Bailed and tested 14 hours, 5 gallons of water per hour. On September 13, bailed and tested 2 hours, 10 gallons of water and no oil. Ran 2" tubing and set Halliburton HM packer at 4280'. Ran Halliburton Sand-Oil-Frac treatment as follows:

SAND-OIL-FRAC TREATMENT NO. 1 - Between 4314' and 4318'

- Used 1000# of sand
- 20 barrels of heavy crude oil
- 143 barrels of oil to load and flush
- Maximum TP-3700#, broke to 2000#
- Time 18 minutes

Pulled 2" tubing and packer and bailed and cleaned out to bottom. Swabbed through 5 1/2" casing 14 hours, 96 barrels of oil used in treating and 32 barrels of water. On September 15, swabbed through 5 1/2" casing 3 hours, 6 barrels of water with scum of oil. Set Lane-Wells bridging plug at 4300' and plugged back with 1/2 sack of Cal-Seal from 4300' to 4291 1/2'. Perforated 5 1/2" casing from 3812' to 3818' with 35 holes by Lane-Wells. Bailed and tested 8 hours, no shows. On September 16, treated through 5 1/2" casing with 500 gallons of Halliburton 15% acid as follows:

BOOK BYGRT33WE TP  
 WRT SEC 1 W  
 BYGRT33WE TP

WRT SEC 1 W  
 BYGRT33WE TP

ACID TREATMENT NO. 1 - Between 3812' and 3818'

Treatment put in 9/16/53 by Halliburton, using 500 gallons of acid and 99 barrels of oil to fill hole and flush.

TIME	GP	TP	REMARKS
11:30 am			Filled hole with 11 barrels of oil to perforations
11:43 am			Start acid down casing
11:45 am	500		500 gallons of acid in casing
11:58 am			Start oil down casing
12:05 pm	500		Hole loaded
12:10 pm	600		20 gallons of acid in formation
12:15 pm	750		40 gallons of acid in formation
12:18 pm	500		Well taking fluid
12:25 pm	500		170 gallons of acid in formation
12:30 pm	500		500 gallons of acid in formation

Swabbed through 5 1/2" casing 16 hours, 99 barrels of oil used in treating and 12 barrels of acid water and 88 barrels of formation water. Ran 2" tubing and set Halliburton DM retainer at 3798' and cemented off perforations from 3812' to 3818' with 100 sacks of cement, maximum TP-3500'. Pulled tubing and shut down for cement to set.

On September 20, bailed the hole dry and 5 1/2" casing tested dry. Drilled cement and cement retainer to 3818' and cleaned out to 4291 1/2'. Bailed and tested 2 hours and hole tested dry. Perforated 5 1/2" casing from 4242' to 4262' with 120 holes by Lane-Wells. Bailed and tested 16 hours, 17 gallons of salt water with light scum of oil per hour. Set Baker bridging plug at 4240' and plugged back to 4239 1/2' with 1 gallon of Cal-Seal. Perforated 5 1/2" casing from 4230' to 4238' with 22 holes by Lane-Wells. Bailed and tested 6 hours, 28 gallons of salt water per hour. Drilled and drove Baker bridging plug to bottom, PB TD-4291 1/2'. Ran 2" tubing with Halliburton DM retainer and set retainer at 4218'. Cemented off perforations from 4230' to 4262' with 200 sacks of cement, maximum TP-3500'. Bailed hole dry and 5 1/2" casing tested dry.

Perforated 5 1/2" casing from 4157' to 4176' with 113 holes by Lane-Wells. Bailed and tested 16 hours, 1 1/2 gallons of salt water with scum of dead oil and show of gas per hour. Ran 2" tubing and set Halliburton HM packer at 4105'. Ran Halliburton Sand-Oil-Frac treatment as follows:

SAND-OIL-FRAC TREATMENT NO. 2 - Between 4157' and 4176'

Used 50 barrels of heavy crude oil  
3000# of sand  
135 barrels of oil to load and flush  
Maximum TP-3000', broke to 1400'  
Time 23 minutes

Tried to clean out sand used in treating and well started flowing. Flowed through 5 1/2" casing 4 hours, 86 barrels of oil used in treating, no water. Then swabbed 1 hour and swab stuck in 5 1/2" casing perforations. Cut drilling line on top of swab. Ran in and took hold of tools lost in hole. Broke hold on tools, then swabbed through 5 1/2" casing 12 hours, 10 barrels of oil used in treating and 28 barrels of water. On September 29, swabbed through 5 1/2" casing 5 hours, 1 barrel of water, no oil, and gas gauged 240 M.C.F. Well completed for 240 M.C.F. of gas.

SLOPE TEST DATA

DEPTH	ANGLE OF DEFLECTION
400'	0 Degrees
750'	0 "
797'	0 "
1000'	1 "
1250'	1/2 "
1500'	1/2 "
1600'	1 "
1750'	0 "
2000'	1 "
2250'	1 "
2500'	1/2 "
2750'	0 "
3000'	0 "
3400'	0 "
3728'	0 "

BOOK PAGE LINE  
PLUGGING  
SEC 1

BOOK PAGE LINE 16  
PLUGGING  
SEC 7 126 R 130

RECEIVED  
STATE COMMISSION  
OBSERVATION DIVISION  
SEP 18 1953  
WICHITA, KANSAS

# SKELLY OIL COMPANY

## REPORT OF 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.

**J. B. Chance**

**2** **Western Kansas**  
WELL NO. DISTRICT

LEASE

SEC. **4** T. **26S** R. **13W**

COUNTY **Pratt** **568**  
JOB NO.

SURVEY \_\_\_\_\_ BLOCK \_\_\_\_\_

STATE **Kansas**

CLEANING OUT RECORD				PLUGGING BACK OR DEEPENING RECORD			
Date commenced.....19.....	19.....			Date commenced.....	<b>August 9, 1955</b>		
Date completed.....19.....	19.....			Date completed.....	<b>August 18, 1955</b>		
Cleaned out from..... to..... T. D.....	T. D.....			Plugged back <b>54218'</b> to <b>0'</b> T. D. <b>P &amp; A</b>	deepened from..... to..... T. D.....		
Prod. before.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	Prod. before.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....
Prod. after.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	Prod. after.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....
Kind of tools used:.....	.....			Kind of tools used:.....	.....		
Tools owned by: .....	.....			Tools owned by: <b>Ace Pipe Pulling Company</b>	.....		

### SHOT RECORD

Date	Size shot	Shot between	Size of shell	Put in by (Co.)	Length anchor	Distance below casing	Damage to casing or casing shoulder
	Qts.	Ft. and Ft.					
	Qts.	Ft. and Ft.					
	Qts.	Ft. and Ft.					
	Qts.	Ft. and Ft.					

### CHANGES IN CASING RECORD

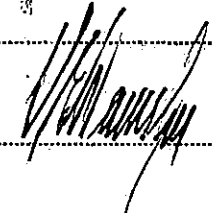
OD SIZE	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed
<b>5-1/2"</b>	<b>170</b>	<b>8R</b>	<b>4412'</b>	<b>68</b>	<b>1609</b>	<b>7 1/2"</b>	<b>121</b>	<b>2849</b>	<b>8</b>	<b>R1 LW</b>	<b>C</b>		

Liner set at..... Length..... Perforated at.....  
Packer set at..... Size and kind.....

STATE CO. #.....

SEP 10 1955

CONSERVATION DIVISION  
Wichita, Kansas



Superintendent.

REMARKS (Give review of work accomplished and any other comment of interest) As this well is depleted of oil and all producing zones have been tested, regular authority was granted to plug and abandon the well.

Moved in and rigged up machine of Ace Pipe Pulling Company on August 9, 1955, and plugged the well as follows:

Sand 4218' to 3800'

5 sacks of cement 3800' to 3770'

Shot 5 1/2" casing at 3090', 2996', 2777', 2597', and casing parted at 1610'. Pulled 1609' 7" of 5 1/2" OD, 17 1/2, SR thd., R-1, L.W. steel casing (G cond.).

20 sacks of Gel 3770' to 250'

30 sacks cement 250' to 6'

Surface soil 6' to 0'

Plugged and abandoned August 18, 1955.

#### RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
-----------	-----	--------	-------------------------------------------------------------------------------