

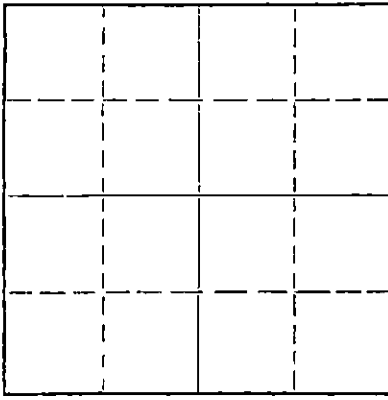
STATE OF KANSAS  
STATE CORPORATION COMMISSION

Form CP-4

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 No. Market  
Wichita, Kansas

NORTH



Locate well correctly on above  
Section Plat

Stafford County, Sec. 29 Twp. 24S Rge. (E) 15 (W)

Location as "NE/CNW/SW" or footage from lines SW/SW/NW  
Lease Owner Skelly Oil Company  
Lease Name T. S. Ackerman Well No. 1  
Office Address 1860 Lincoln Street, Denver, Colorado 80203  
Character of Well (completed as Oil, Gas or Dry Hole) Oil  
Date well completed November 7, 19 56  
Application for plugging filed June 12, 19 68  
Application for plugging approved June 14, 19 68  
Plugging commenced July 9, 19 68  
Plugging completed July 10, 19 68  
Reason for abandonment of well or producing formation Depleted

If a producing well is abandoned, date of last production June 12, 19 68  
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 R. J. Warren Box 322, Pratt, Kansas  
Producing formation Lansing-KC Depth to top 3902' Bottom 3996' Total Depth of Well 4214' Feet  
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
Lansing-KC	Oil	3902'	3996'	8-5/8"	1016'	None
				5-1/2"	4320'	222'

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.

7/9/68 Moved in and rigged up Russ Casing Pulling Equipment.

Plugged back w/sand from 4214'-3875'

3875'-3835' 5 sacks of cement

Pulled tension on 5-1/2" casing and shot casing at 790', 615', 435', 255'.

Unable to pull free.

Shot 5-1/2" casing at 220', casing pulled free. Pulled 7 joints 222' of 5-1/2" OD casing.

Plugged well as follows:

3835'-221' Mud

221'-210' Rock Bridge

210'-135' 25 sacks of cement

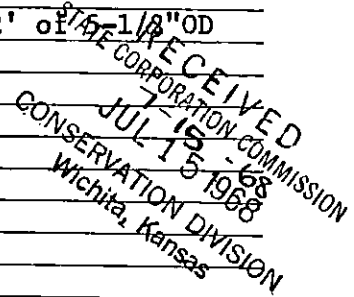
135'- 40' Mud

40'- 30' Rock Bridge

30'-Base of Cellar 10 sacks of cement

Surface soil from Base of Cellar to Ground level

Completed P & A 7/10/68



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

Name of Plugging Contractor Russ Casing Pulling Inc.

Address Great Bend, Kansas

STATE OF Colorado, COUNTY OF Denver, ss.

Leland Franz

(employee of owner) or (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)

*Leland Franz*

1860 Lincoln Street, Denver, Colorado 80203

(Address)

SUBSCRIBED AND SWORN TO before me this 12th day of July 19 68

My commission expires June 17, 1970

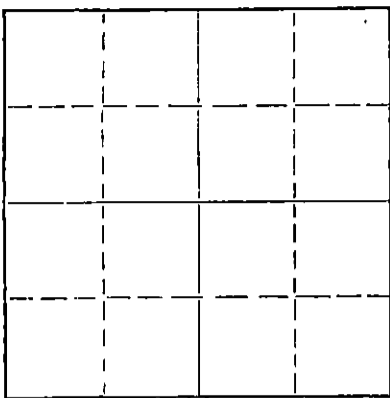
*Mary E. Luttrell*

Notary Public.

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 No. Market  
Wichita, Kansas

WELL PLUGGING RECORD

**Stafford** County, Sec. **29** Twp. **24S** Rge. **15** (E) **15** (W)  
Location as "NE/CNW/SW" or footage from lines **SW/SW/NW**



Locate well correctly on above Section Plat

Lease Owner **Skelly Oil Company**  
Lease Name **T. S. Ackerman** Well No. **1**  
Office Address **1860 Lincoln Street, Denver, Colorado 80203**  
Character of Well (completed as Oil, Gas or Dry Hole) **Oil**  
Date well completed **November 7,** 19 **56**  
Application for plugging filed **June 12,** 19 **68**  
Application for plugging approved **June 14,** 19 **68**  
Plugging commenced **July 9,** 19 **68**  
Plugging completed **July 10,** 19 **68**  
Reason for abandonment of well or producing formation **Depleted**

If a producing well is abandoned, date of last production **June 12,** 19 **68**  
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 **R. J. Warren Box 322, Pratt, Kansas**  
Producing formation **Lansing-KC** Depth to top **3902'** Bottom **3996'** Total Depth of Well **4214'** Feet  
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
<b>Lansing-KC</b>	<b>Oil</b>	<b>3902'</b>	<b>3996'</b>	<b>8-5/8"</b>	<b>1016'</b>	<b>None</b>
				<b>5-1/2"</b>	<b>4320'</b>	<b>222'</b>

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.

**7/9/68 Moved in and rigged up Russ Casing Pulling Equipment.**  
**Plugged back w/sand from 4214'-3875'**  
**3875'-3835' 5 sacks of cement**  
**Pulled tension on 5-1/2" casing and shot casing at 790', 615', 435', 255'.**  
**Unable to pull free.**  
**Shot 5-1/2" casing at 220', casing pulled free. Pulled 7 joints 222' of 5-1/2" OD casing.**  
**Plugged well as follows:**  
**3835'-221' Mud**  
**221'-210' Rock Bridge**  
**210'-135' 25 sacks of cement**  
**135'- 40' Mud**  
**40'- 30' Rock Bridge**  
**30'-Base of Cellar 10 sacks of cement**  
**Surface soil from Base of Cellar to Ground level**

**Completed P & A 7/10/68**

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CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor **Russ Casing Pulling Inc.**  
Address **Great Bend, Kansas**

STATE OF **Colorado**, COUNTY OF **Denver**, ss.  
**Leland Franz** (employee of owner) or (conservator/agent) 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) **Leland Franz**  
**1860 Lincoln Street, Denver, Colorado 80203**  
(Address)

SUBSCRIBED AND SWORN TO before me this **12th** day of **July**, 19 **68**

My commission expires **June 17, 1970**

**Mary O. Ludwig**  
Notary Public.

# SKELLY OIL COMPANY

## Well Record

Lease Name and No. Ackerman 57362 Well No. 1 Elev. 2038'  
 Lease Description N. 1/4 Section 29-24S-15E, Stafford County, Kansas (160 Acres)  
 Location made October 8, 1956 by Supree Ingram  
330 feet from North line 330 feet from East line of Sec. 29  
330 feet from South line 330 feet from West line

Work com'd 10/9 1956 Rig com'p'd 10/19 1956 Drlg. com'd 10/10 1956 Drlg. com'p'd 11/2 1956

Rig Contractor Claude Wentworth Drilling Co., Inc.  
 Drilling Contractor Claude Wentworth Drilling Co., Inc., Tulsa, Oklahoma  
 Rotary Drilling from 0' to 4320' Cable Tool Drilling from 4320' to 4337'

Commenced Producing November 23, 1956 Initial Prod. before shot or acid flow Bbls.  
 Initial Prod. after shot or acid 200 gals. 24 hr. 734 cu. ft. no Bbls.  
 Dry Gas Well Press. 24 hr. 100 potential 220 bbls. Volume Cr.

Casing Head Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.  
 Braden Head (2-5/8" Size) Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.  
 Braden Head ( \_\_\_\_\_ Size) Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.

PRODUCING FORMATION Lansing Line (Name) Top 3902' Bottom 3912' TOTAL DEPTH 4337'

### CASING RECORD

OD Size	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Con'd'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed
8-5/8"	22.7	SJ	1016'				26	1005	0	Armaco	550	Halliburton	
5-1/2"	14	RB	4320'				135	4353	9	J55 B2	150	Halliburton	
(8-5/8" casing cut 5' in cellar and 5' cased to derrick floor) 5" casing perforations open: Below bridging plug at 4295': 4296'-4302' with 37 holes, and 4304'-4315' with 67 holes Above bridging plug: 3902'-3912' with 61 holes													

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	11/3/56	11/4/56	11/7/56	
Acid Used	500	2000	500	
Size Shot	Gals. 500	Gals. 2000	Gals. 500	Gals. _____
Shot Between	4296 Ft. and 4315 Ft.	4296 Ft. and 4315 Ft.	3902 Ft. and 3912 Ft.	Ft. and Ft.
Size of Shell				
Put in by (Co.)	Halliburton	Halliburton	Halliburton	
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	
Heebner shale	3526'						
Toronto Lime	3643'						
Lansing Line	3772'				3902'	3912'	
Marmaton Lime	4092'						
Conglomerate	4158'						
Mississippi Chat	4210'						
Hinderhook	4241'						
Viola Line	4295'						

### CLEANING OUT RECORDS

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

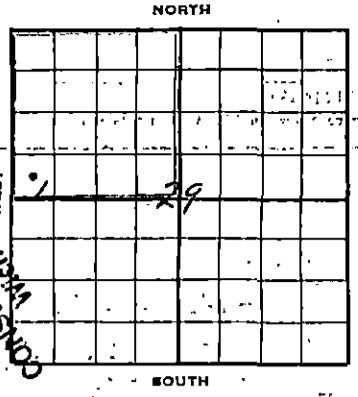
### PLUGGING BACK AND DEEPENING RECORDS

	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)

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 OILFIELD DIVISION



RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Sand and gravel	0	145	
Sand and shale	145	750	
Shale	750	1005	
Anhydrite	1005	1020	Set and cemented 3-5/8" casing (A cons.) at 1016' with 550 sacks of Pozmix cement. Cement circulated.
Anhydrite	1070	1085	
Shale and shells	1085	1640	
Shale, shells and salt	1640	1925	
Shale and shells	1925	1950	
Lime and shale	1950	3075	
Shale and shells	3075	3030	
Lime and shale	3030	3315	
Lime	3315	3804	
Lime	3804	3903	
Buff, finely crystalline lime	3903	3911	Good oolitic porosity, scattered light to dark stain, trace of free oil, slight odor in wet samples
Lime	3911	3914	Run Halliburton drill stem test No. 1 with packer set at 3896', used 18' anchor, open 1 hour, strong blow throughout test, gas to surface in 20 minutes, recovered 20' of clean oil, 470' of heavily gas cut oil, IFF-30, IFF-150, IFF-1080' in 20 mins.
Lime	3914	4009	
White tripolitic, opaque to semi-translucent chert	4009	4230	Very poor pinpoint porosity with scattered light stain, no odor.
Lime and shale	4230	4234	Run Halliburton drill stem test No. 2, packer set at 4191', used 39' anchor, open 1 hour, strong blow throughout test, gas to surface in 17 minutes, recovered 109' of slightly gas cut mud, IFF-20, IFF-30, IFF-1235, gas too weak to gauge.
White to buff, fine grained, sub-angular sand	4234	4249	Good to poor porosity, light stain
Lime	4249	4294	Run Halliburton drill stem test No. 3, packer set at 4228', used 21' anchor, open 1 hour, strong blow throughout test, gas to surface in 19 minutes, no gauge on gas, recovered 110', slightly gas cut mud, IFF-20, IFF-30, IFF-1350.
Cream to light gray opaque to semi-translucent chert	4294	4320	Shows
			Set and cemented 2 1/2" casing (A cons.) at 4320' with 150 sacks of Pozmix cement. Finished 6:45 a.m. 10/30/58. Halliburton temperature survey shows top of cement behind 22' casing at 4365'.

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Bigged-up cable tools and swabbed the hole dry on November 1, and 30' casing tested dry. Drilled deeper.

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White cherty dolomite	4320	4322	
Red shale	4322	4326	
Red and green shale	4326	4334	
Gray, dense dolomite	4334	4337	No shows

Set Baker bridging plug at 4316' and perforated 5/8" casing from 4296' to 4302' with 37 holes and from 4304' to 4315' with 57 holes by Lane-wells, no shows. Treated through 3/4" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 1 - Between 4296'-4302' and 4304'-4315'

Treatment put in 11/3/56 by Halliburton, using 500 gallons of acid and 107 barrels of oil.

TIME	CP	TP	REMARKS
9:00 am			Start acid in casing
9:05 am			500 gallons of acid in casing, start flush
9:25 am			Acid on bottom
9:26 am	1000		Hole loaded
9:30 am	1500		
9:55 am	2250		
10:17 am	1600		150 gallons of acid in formation
10:20 am	1600		500 gallons of acid in formation

Swabbed 2 hours to bottom, 107 barrels of oil used in treating and 6 gallons of acid water per hour with show of gas, gas gauged 362 M.C.F. On November 4, reacidized through 5/8" casing with 2000 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 2 - Between 4296'-4302' and 4304'-15'

Treatment put in 11/4/56 by Halliburton, using 2000 gallons of acid and 106 barrels of oil.

TIME	CP	TP	REMARKS
4:00 pm	0		Start acid
4:12 pm	0		Start flush
4:36 pm	1350		Acid on bottom
4:44 pm	1500		Treatment completed

Swabbed to bottom 1 1/2 hours, 106 barrels of oil used in treating; then swabbed off bottom 5 hours, 16 barrels of acid water, no oil, gas gauged 362 M.C.F., SI CP-880%.

Set Lane-wells bridging plug at 4285' and plugged back with 1 sack of Cal-Seal from 4285' to 4276'. Perforated 5/8" casing from 4244' to 4251' with 42 holes by Lane-wells. Had communication with perforations from 4296' to 4315'. Run 2" tubing and set Halliburton BW retainer at 4217' and cemented off perforations from 4244' to 4251' with 75 sacks of common cement, maximum TP-2000%. Pulled 2" tubing and found total depth 4214' PLM. Perforated 5/8" casing from 3902' to 3912' with 61 holes by Lane-wells, show of free oil. Treated with 500 gallons of Halliburton 15% acid through 3/4" casing as follows:

ACID TREATMENT NO. 3 - 3902' and 3912'

Treatment put in 11/7/56 by Halliburton, using 500 gallons of acid and 95 barrels of oil.

TIME	CP	TP	REMARKS
2:40 pm	Vac.		Start acid
3:12 pm	500		Acid on bottom
3:16 pm	1250		120 gallons of acid in formation
3:19 pm	1650		250 gallons of acid in formation
3:20 pm	1300		500 gallons of acid in formation

Swabbed through 5/8" casing off bottom 7 hours, 95 barrels of oil used in treating, 230 barrels of formation oil and no water. Bailed and cleaned up hole and ran 2" tubing and rods. Shut down to install pumping equipment.

On November 16, POG 18 hours, 137 barrels of oil and no water. On November 23, POG 8 hours on State Corporation Commission physical potential test, 73 1/2 barrels of oil and no water to establish 24 hour M.C.C. potential of 220 barrels. This potential allows 25 barrels per day for the remainder of November, 1956.

TOTAL DEPTH 4337' PLUGGED BACK 4214'

LOGS TEST DATA: Tests were taken at 250', 500', 750', 1000', 1250', 1500', 1750', 2000', 2250', 2500', 2750', 3250', 3500', and 3750' with no deviation from vertical noted.

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JUN 14 1968  
CONSERVATION DIVISION  
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.

LEASE T. S. Ackerman

WELL NO. 1 DISTRICT Western Kansas

SEC. 29 T. 24S R. 15W

COUNTY Stafford Exp.             
JOB NO.           

SURVEY            BLOCK           

STATE Kansas

CLEANING OUT RECORD	PLUGGING BACK OR DEEPENING RECORD
Date commenced..... <u>January 5,</u> 19 <u>57</u>	Date commenced..... 19 .....
Date completed..... <u>January 7,</u> 19 <u>57</u>	Date completed..... 19 .....
Cleaned out from..... to..... <u>PB</u> T. D. <u>4214'</u>	Plugged back or deepened from..... to..... T.D.....
Prod. before <u>44.6</u> bbls. oil <u>0</u> bbls. water <u>—</u> cu. ft. gas	Prod. before..... bbls. oil..... bbls. water..... cu. ft. gas
Prod. after <u>44.6</u> bbls. oil <u>0</u> bbls. water <u>—</u> 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:.....

### SHOT RECORD

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

### CHANGES IN CASING RECORD

SIZE	-Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed

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JUN 14 1968  
CONSERVATION DIVISION  
Wichita, Kansas

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

.....  
Superintendent.

REMARKS (Give review of work accomplished and any other comment of interest) Water broke in, and  
On January 5, 1957, recemented 8-5/8" casing with 600 sacks of  
Pozmix cement to shut off water, maximum CP-600', minimum  
CP-250'.

Let set 24 hours, filled hole with 7 1/2 barrels of fresh  
water, indicating top of cement at 215'. Swabbed out water.  
On January 7, FOB 24 hours, 44.6 barrels of oil and no water.

RECORD OF FORMATIONS

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

# 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.

LEASE T. S. Ackerman

WELL NO. 1 DISTRICT Western Kansas

SEC. 29 T. 24S R. 15W

COUNTY Stafford Exp.             
JOB NO.           

SURVEY            BLOCK           

STATE Kansas

ACID <del>CLEANING</del> RECORD				PLUGGING BACK OR DEEPENING RECORD			
Date commenced..... <u>July 2,</u> 19 <u>57.</u>				Date commenced..... 19 .....			
Date completed..... <u>July 8,</u> 19 <u>57.</u>				Date completed..... 19 .....			
Cleaned out from..... to..... <u>PB T.D. 4214'</u>				Plugged back or deepened from..... to..... T.D.....			
Prod. before..... <u>16</u> bbls. oil..... <u>0</u> bbls. water..... <u>---</u> cu. ft. gas				Prod. before..... bbls. oil..... bbls. water..... cu. ft. gas			
Prod. after..... <u>50</u> bbls. oil..... <u>5</u> bbls. water..... <u>---</u> cu. ft. gas				Prod. after..... bbls. oil..... bbls. water..... cu. ft. gas			
Kind of tools used: <u>Pulling Unit</u>				Kind of tools used:.....			
Tools owned by: <u>Post &amp; Brown</u>				Tools owned by:.....			

### ACID ~~SHOCK~~ RECORD

Date	<u>7/2/57</u>						
Size shot	<u>2000 gals. Gas</u>			Qts.		Qts.	Qts.
Shot between	<u>3902 Ft. and 3912 Ft.</u>		Ft. and Ft.		Ft. and Ft.		Ft. and Ft.
Size of shell							
Put in by (Co.)	<u>Halliburton</u>						
Length anchor							
Distance below casing							
Damage to casing or casing shoulder							

### CHANGES IN CASING RECORD

SIZE	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed

.....Liner set at..... Length..... Perforated at.....

Packer set at..... Size and kind.....

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JUN 14 1958

CONSERVATION DIVISION  
Wichita, Kansas

Superintendent.



REMARKS (Give review of work accomplished and any other comment of interest) On July 2, 1957,  
 pulled rods and treated through 2" tubing with 2000 gallons of  
 Halliburton HV acid as follows:

ACID TREATMENT NO. 4 - Between 3902' and 3912'

Treatment put in 7/2/57 by Halliburton, using 2000 gals. of  
 acid and 134 barrels of oil.

TIME	CP	TP	REMARKS
12:24 pm		1000#	Start acid
12:30 pm		1100#	Acid on bottom
12:42 pm		1500#	Start flush
12:46 pm		800#	Treatment completed

Ran rods and POB 6 hours, 40 barrels of oil used in treating.

On July 3, POB 24 hours, 60 barrels of oil used in treating, no  
 water.

DATE	HOURS PUMPED	BBLs. OIL	BBLs. WTR.	REMARKS
7-4-57				SD for Holiday
7-5-57	24	34		Used in treating
		37	0	Formation oil
7-6-57	24	60	3	Acid water
7-7-57	24	55	3	Acid water
7-8-57	24	50	5	

PLUGGED BACK TOTAL DEPTH 4214'

#### RECORD OF FORMATIONS

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

# 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 T. S. Ackerman  
 SEC. 29 T. 24S R. 15W  
 BLOCK \_\_\_\_\_ SURVEY \_\_\_\_\_

WELL NO. 1 DISTRICT Platte  
 COUNTY Stafford AFE NO. Exp.  
 STATE Kansas

### TYPE OF WORK OPEN ADDITIONAL LANSING ZONES

Date commenced March 23, 1964 Date completed April 6, 1964  
 Deepened from \_\_\_\_\_ to \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Plugged back from \_\_\_\_\_ to \_\_\_\_\_ P.B.T.D. 4214'  
 Cleaned out from \_\_\_\_\_ to \_\_\_\_\_  
 Production before 7 bbls. oil 0.2 bbls. water 0 cu. ft. gas  
13 1/2 bbls. oil 3 bbls. water 0 cu. ft. gas  
 Tools owned by: Pratt Well Service Kind used: Pulling Unit No. days rig time: 7  
 Cost of Job \$ \_\_\_\_\_ Revised Estimated Payout (Mos.) \_\_\_\_\_

### TREATMENT RECORD

DATE	TYPE TREATMENT	INTERVAL TREATED	AMOUNT OF TREATMENT
<u>3/25/64</u>	<u>Acid</u>	<u>3946'-3996'</u>	<u>100 gals. 15% 1900 gals CRA</u>

### CHANGES IN CASING RECORD

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

SIZE	WT.	THDS.	KIND	COND.	LEFT IN				PULLED OUT									
					Jts.	Feet	LTM	In.	Feet	WTM	In.	Jts.	Feet	LTM	In.	Feet	WTM	In.
<u>5 1/2"</u>	<u>casing</u>	<u>perforations open:</u>																
			<u>Above PB ID: 3902'-12"/61, 3946'-52"/12, 3962'-65"/7, and 3989'-96"/</u>															
			<u>14 holes</u>															
			<u>Below PB ID: 4296'-4302'-37, and 4304'-15"/67 holes</u>															

### PRODUCING FROM

LANSING LINE  
 FORMATION \_\_\_\_\_ thru OPEN HOLE PERFORATIONS 3902' 3996' 96  
 TOP BOTTOM Total No. Shots

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

March 23, 1964, moved in and rigged up well servicing unit of Pratt Well Servicing Company. Pulled rods and tubing. Swabbed 2 hours through 5 1/2" casing, 16 barrels oil and 5 barrels salt water.

PERFORATION JOB NO. 4 - Lansing Line - 3946'-3996'  
 5 1/2" casing perforated with type "E" holes by Lane-Wells:

3946'-3952' - 6' - 12 holes  
 3962'-3965' - 3' - 9 holes  
 3989'-3996' - 7' - 14 holes  
16' 35

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Ran 2" tubing and set Halliburton RTTS packer at 3983'. Swabbed through 2" tubing 30 minutes (3989'-96') 1/4 barrel heavy oil, no water; then swabbed 1 1/2 hours, 1/2 barrel oil, no water.

Pulled tubing and reset packer at 3924'. Swabbed through 2" tubing 1 hour, no recovery.

TREATMENT NO. 5 - Acid - 3946'-3996'

3/25/64 treated through casing by Halliburton w/ 100 gallons of regular 15% acid and 1900 gallons of 15% CRA acid, maximum pressure 2100#, minimum 1400#, time 35 minutes, average injection rate 1 1/2 barrels per minute, flushed with 20 barrels oil.

Flowed 4 hours through 2" tubing, 20 barrels load oil and 45 barrels acid water, SI TP-1200#. March 26, flowed 10 hours through 2" tubing, 18/64" choke, 13 barrels heavy oil and 29 barrels water, well flowing by heads, gas too small to measure, FTP-50#. March 27, flowed 2 hours through 2" tubing, open choke, 2 barrels heavy oil and 11 barrels water.

Reset packer at 3982'. Swabbed (3989'-96') 3 hours through 2" tubing, 3-1/3 barrels water with scum oil per hour. Reset packer at 3956'. Swabbed (3962'-65', 3989'-96') 3 hours through 2" tubing, 3-1/3 barrels of water with scum of oil per hour; reset packer at 3924'. Swabbed 3 hours through 2" tubing (3989'-96', 3962'-65', 3946'-52') 3-1/4 barrels water with fair scum of oil.

Shut down waiting on approval to recomplete in Conglomerate.

April 4, 1964, flowed through tubing 8 hours, 5 barrels of heavy oil and 20 barrels of water; well died.

April 4, 1964, moved in and rigged up pulling unit of Pratt Well Service. Pulled 2" tubing and packer. Reran 2" tubing and set Howco B-3 packer at 3926', perforations at 3924', packer bull plugged below.

Ran rods and set pump at 3919'. POB 24 hours, 21 1/2 barrels oil and 3 barrels of water. Moved out pulling unit 4/6/64.

April 6, 1964, POB 24 hours, 13 1/2 barrels of oil and 3 barrels of water.

Well is producing oil from Lansing Lime formation through casing perforations.

PLUGGED BACK TOTAL DEPTH 4214'

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