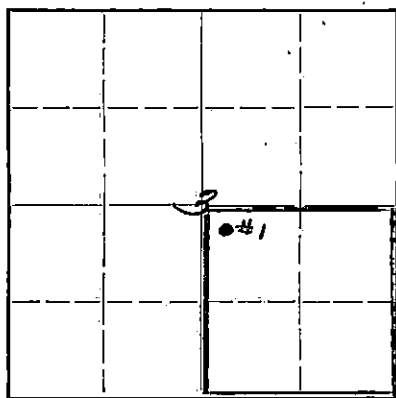


STATE OF KANSAS  
S1 CORPORATION COMMISSION  
Give Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
800 Bitting Building  
Wichita, Kansas

WELL PLUGGING RECORD  
OR  
FORMATION PLUGGING RECORD

Strike out upper line  
when reporting plug-  
ging off formations.

NORTH



Locate well correctly on above  
Section Plat

Reno County, Sec. 3 Twp. 24S Rge. 4 (E) 4 (W)

Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines 330' from N & W lines of SE 1/4

Lease Owner Skelly Oil Company

Lease Name Obediah Chesshire Well No. 1

Office Address Box 391, Hutchinson, Kansas

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

Date well completed January 13 1936

Application for plugging filed April 1 1943

Application for plugging approved April 5 1943

Plugging commenced June 11 1943

Plugging completed June 20 1943

Reason for abandonment of well or producing formation Depleted oil and gas well

If a producing well is abandoned, date of last production April 6 1943

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 Ruel Durkee

Producing formation Mississippi Lime Depth to top 3277' Bottom 3370' Total Depth of Well 3370' 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
Mississippi Lime	Gas	3290	3328	13" OD	517'-6"	None
"	Oil	3336	337	8-5/8" OD	3303'-6"	2946'-3"
			(Liner)	5-1/2" OD	56'	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 hold. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

Filled hole with mud laden fluid 3370' to 3300'

Bridge hole with wood plug at 3300'

Filled hole with 10 sacks of cement 3300' to 3285'

Filled hole with mud laden fluid 3285' to 300'

Set wood plug at 300'

Filled hole with 10 sacks of cement 300' to 290'

Filled hole with 10 sacks of cement 290' to 6'

Filled hole with 8 sacks of cement 6' to 5'

Filled hole with soil and rock 5' to 0.

PLUGGING  
FILE SEC 3-24R-4W  
BOOK PAGE-69 LINE-11

(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.

(employee of owner) or (owner of operation) 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)

SUBSCRIBED AND SWORN to before me this 23rd day of June

My commission expires August 4, 1945.

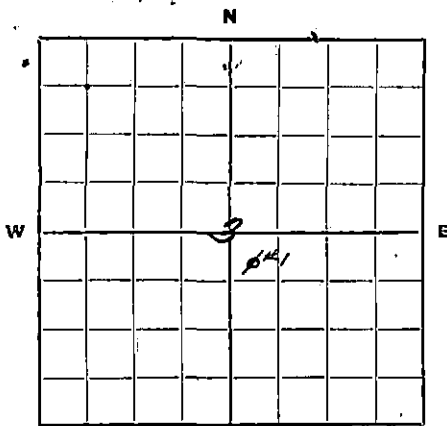


Notary Public  
JUN 25 1943  
6-25-43

**MATERIAL REPORT  
AND  
PLUGGING RECORD**

Mail To: STATE CORPORATION COMMISSION  
Conservation Division  
800 Bitting Building  
Wichita, Kansas

NOTICE: All questions on this form must be answered.



Locate well correctly.

Company Operating Skelly Oil Company  
Office Address 210 Wolcott Building, Hutchinson, Kansas

County Reno Sec. 3 Twp. 24S Rge. 4W  
Farm Name O. Chesshire Well No. 1 Field Burrton  
Well Location NW NW SE  
Name of Producing Sand Mississippi Lime Total Depth 3370'  
Commenced Plugging June 11, 1943 Finished June 20, 1943

DAILY AVERAGE PRODUCTION:

Initial Production: Oil 386 bbls. Gas 12,700,000 cu. ft. Water 12 percent

Production when Plugged: Oil 1 bbl. Gas 12,000 cu. ft. Water 25 barrels

Estimated Total Remaining Reserves Attributable to Well at Time Abandoned None (hole loaded with water)

**INFORMATION ON MATERIALS RECLAIMED FROM WELL  
CASING, TUBING AND ROD DATA**

Description	Size	Recovered		Junk		Reusable		Disposition Made Or To Be Made Of Usable Material
		Ft.	Tons	Ft.	Tons	Ft.	Tons	
Casing	8-5/8"	2946'	47			2946'	47	Rerun in new well
Tubing	3"	3339'	11			3339'	11	" " " "
Rods	3/4"	3325'	2 1/2			3325'	2 1/2	" " " "

**SURFACE EQUIPMENT**

Quantity	Description	*Condition	Est. Tons	Disposition Made Or To Be Made Of Reclaimed Material
1	#16 Amer. Steel Jack	Usable	1 1/2	To be used at another well
1	74' Steel Derrick	"	5	" " " " " "
	Misc Jack pumping equipment	"	2	" " " " other wells
	Misc. Line pipe & connections	"	1	" " " " " "

\* Usable, Usable with minor repairs, or junk.

Date: June 28, 1943 Signed: [Signature] Superintendent

(For Operating Co.—Title)

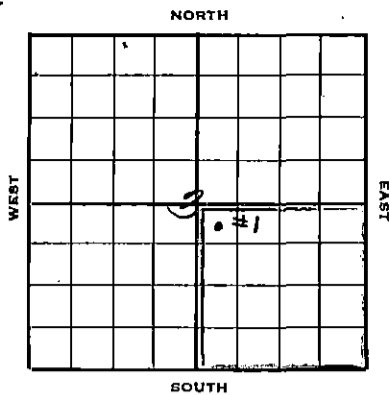
**PLUGGING**  
FILE SEC. 3-24R-4W  
BOOK PAGE 69-LINE 11

It is very important that all questions on this form be answered, as this Department has been asked by the Petroleum Administration for War to supply data on well abandonments undertaken during the war.

**This information is very essential in aiding the war effort; therefore, this Department is requiring this report to be mailed within 5 days after the abandonment of your well.**

19-6756

# SKELLY OIL COMPANY



## Well Record

Lease Name and No. Obediah Chesshire Well No. 1 Elev. 1470' DF  
 Lease Description SE/4 Section 3-24S-4W, Reno County, Kansas  
 (160 acres)

Location made Nov. 15 1935 by H. E. Wamsley  
330' feet from North line \_\_\_\_\_ feet from East line \_\_\_\_\_  
 \_\_\_\_\_ feet from South line 330' feet from West line \_\_\_\_\_ of Lease

Work com'd Nov. 19 1935 Rig comp'd Nov. 25 1935 Drlg. com'd Nov. 28 1935 Drlg. comp'd Jan. 9 1936

Rig Contractor Mahan, McCarty & Besse, Inc. - Tulsa, Oklahoma

Drilling Contractor Southern & Thurmond - Tulsa, Oklahoma

Rotary Drilling from 0 to 3283' Cable Tool Drilling from 3283' to 3370'

Commenced Producing Jan. 13 1936 { Initial Prod. before shot or acid 170 oil w/ 5700M. gas (Flowed in 22 hours. Some BS and water)  
 Initial Prod. after shot or acid 386 oil w/ 11000M. gas (Flowed in 24 hours. 12% BS and water)

Dry Gas Well Press. \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.

Casing Head Gas Pressure 850# Volume 12,700,000 (Open flow - natural) Cu. ft.

Braden Head (12 1/2" x 8 5/8" OD) Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.

Tubing (8-5/8" size x 3") Gas Pressure 850# Volume 11,000,000 Cu. ft.

PRODUCING FORMATION Chat (Name) Top 3277' Bottom 3370' TOTAL DEPTH 3370'

### 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
12-1/2"	50#	8	520'				27	517	6	Lapweld	"C"	500	Halliburton
8-5/8"	32#	8	3281'				113	3303	6	Seamless	"A"	165	Halliburton
Tubing													
2-1/2"			3336'									Upset	

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	Jan. 15, 1936	Feb. 7, 1936		
Acid Used				
Size Shot	2000 Gals. Qts.	1000 Gals. Qts.		
Shot Between	3336 Ft. and 3370 Ft.	3336 Ft. and 3370 Ft.	Ft. and Ft.	Ft. and Ft.
Size of Shell				
Put in by (Co.)	Dowell, Inc.	Dowell, Ind.		
Length anchor	Dowell "X"	Dowell "X"		
Distance below Cas'g				
Damage to Casing or Casing Shoulder	None	None		

### SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Chat							
(Mississippi Lime)	3277		3290	3328	3333	3368	Main body pay formation. See formation record for details

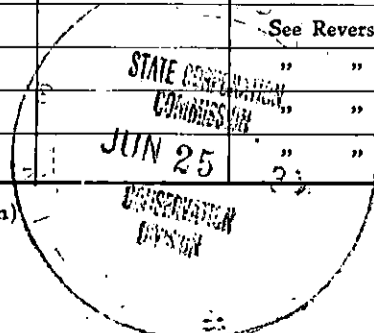
### CLEANING OUT RECORDS

	DATE COMMENCED	DATE COMPLETED	PROD. BEFORE	PROD. AFTER	REMARKS
1st			PLUGGING		See Reverse for other details.
2nd			FILE SEC. 3-24-40		" " " " "
3rd			BOOK PAGE 69 LINE 11		" " " " "
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.
Sand	0	165	
Sand and gravel	165	250	
Shale and lime shells	250	540	Set and cemented 12-1/2" casing at 520' with 500 sacks - Halliburton process.
Gyp, lime and shale	540	650	
Shale, lime and shells	650	875	
Shale and lime	875	950	
Shale and lime shells	950	1005	
Lime	1005	1100	
Shale and lime	1100	1185	
Shale and lime shells	1185	1545	
Shale	1545	1905	
Shale and lime shells	1905	1990	
Shale and lime	1990	2065	
Shale and lime shells	2065	2605	
Steel line correction	2605	2615	
Shale and lime shells	2615	2785	
Lime	2785	3007	
Shale	3007	3040	
Shale and lime	3040	3080	
Hard shale	3080	3108	
Shale	3108	3145	
Shale	3145	3185	
Shale	3185	3208	
Shale	3208	3265	SLM at 3211' showed drill pipe measurement correct.
Soft variegated shale	3265	3267	
Med. Hard erosional crystalline weathered lime	3267	3277	
White and grey chert	3277	3283	Top Chat 3277' Ran 8-5/8" OD casing to 2346' and float shoe failed to hold, pulled out, changed shoe, reran and set at 3281' and cemented with 165 sacks - Halliburton process. Finished cementing at 3:00 PM Dec. 19, 1935 and while waiting on cement to set, moved out rotary, installed portable cable tool front, standardized rig and rigged up cable tools. Commenced bailing hole down Dec. 26th. Drilled cement plug to 3283' on 28th end casing and cement job tested OK. Deepened as follows:
Grey chert and light brown lime	3283	3290	Light show of gas at 3290'
Light grey and brown chert with 20% lime	3290	3292	Gas increased to 50 M. cu. ft.
Light grey porous cherty lime	3292	3300	" " " 1000 M. cu. ft.
Light grey porous cherty lime	3300	3303 1/2	" " " 1990 M. cu. ft.
Light grey porous cherty lime	3303 1/2	3306	" " " 3660 M. cu. ft.
Light grey porous lime with little chert	3306	3308	" " " 5144 M. cu. ft.
Light grey porous lime with little chert	3308	3310	" " " 7360 M. cu. ft.
Light grey chert with little lime	3310	3314	No increase.
Light grey chert with little lime	3314	3320	Gas increased to 12100 M. cu. ft.
Light grey and brown chert with little lime	3320	3328	Gas increased to 12700 M. cu. ft.
Shale	3328	3333	No increase. Drilling became difficult account gas blowing over boilers and kept hole dry, so on Jan. 3rd well was killed by Halliburton pumping in 3 bbls. mud and 200 bbls. water. After killing, deepened as follows:
Light grey lime with 40% chert	3333	3336	Slightly porous with light show oil
Light grey lime with 40% chert	3336	3340	Washed free oil
Fine chert	3340	3346	Washed free oil
Med. soft dark brown porous lime	3346	3349	Tools hung up at 3349'; jarred loose in 12 hours, drilled to 3351 and hung up again. Jarred on tools 24 hours but were unable to loosen. Bailed hole down 1000' and tools were jarred loose.
Chert (cleaned out)	3354	3351	
Lime and chert	3351	3353	
Hard grey and brown cherty lime	3353	3355	No shows oil or gas
Hard grey lime and chert	3355	3357	No shows oil or gas
Med. hard grey lime with 30% chert	3357	3359	No shows oil or gas
Hard grey chert with little brown lime	3359	3361	Slightly porous with little saturation
Med. hard grey and brown lime	3361	3364	Slight porosity. No saturation
Med. soft grey lime	3364	3368	Little porosity and slight saturation.
Hard grey lime	3368	3370	No saturation or porosity. Stopped drilling Jan. 9, 1936 at depth 3370'. Ran 2 1/2" tubing and set with open end at 3336'. After connecting and anchoring well head connections, commenced swab well in through tubing. Swabbed tubing

down 2000' before gas started showing, and then well commenced flowing by heads through bradenhead. This continued 3-1/2 hours, then started steady flow through bradenhead. Continued swab and at 11:00 AM 12th started flow through tubing, with flow turned into the pits until cleaned up. Flow est. 9000 M. gas with 8 barrels cut oil per hour and considerable fresh water and mud. At 11:00 PM 13th oil cleared up and was turned into separator. First 9 hrs. flowed est. 30 bbls. oil with gas gauging 5700 M on 3" flow line from tubing. The following 22-hour test was 170 bbls. oil with gas gauging 5700 M. cu. ft. On January 15th treated with 2000 gallons of Dowell "X" acid solution as follows:

TOTAL DEPTH 3370'

## Acid treatment No. 1

Time	CP	TP	
1:30 PM	840#	475#	Started treatment - repaired 500# pump pressure on tubing to start acid in.
1:40 "	850#	250#	Had 7-1/2 bbls. acid in tubing
1:45 "	850#	0	Had 11 bbls. acid in tubing. Stopped pump.
1:50 "	860#	28"	Vacuum on tubing. Had 13-1/2 bbls. acid in tubing.
1:55 "	890#	28"	Vacuum on tubing. Had 19-1/2 bbls. acid in tubing. Acid on bottom
2:20 "	880#	28"	Vacuum on tubing. Had 24 bbls. acid in hole.
2:50 "	870#	28"	Vacuum on tubing. Had 27-1/2 bbls. acid in hole.
3:00 "	860#	28"	Vacuum on tubing. Had 29-1/2 bbls. in hole.
3:30 "	850#	28"	Vacuum on tubing, 31-1/2 bbls. acid in hole.
3:50 "	845#	28"	Vacuum on tubing, 36 bbls. acid in hole
4:15 "	845#	28"	Vacuum on tubing, 39 1/2 bbls. acid in hole.
4:45 "	840#	28"	Vacuum on tubing, 43 bbls. acid in hole.
5:15 "	840#	28"	Vacuum on tubing, 48 bbls. acid in hole.
5:30 "	840#	28"	Vacuum on tubing. Changed pump connections - 15 minutes. Opened gas from casing head into tubing to flush tubing of acid.
6:00 "	800#	800# TP.	

Pump was stopped when tubing showed vacuum and tubing gate closed; opened tubing gate when tubing was full to allow acid to work on bottom formations and to prevent acid flooding upper gas formations. Well was shut in until 11:00 AM 16th for acid to act. On that date, opened for 2 hours to clean of any calcium from treatment. 1st hour flowed 20 bbls. oil, and 2nd hour 12-1/2 bbls. oil, cutting around 12% emulsion. Started potential test at 11:40 AM, January 17, 1936 and in 24 hours flowed 257 barrels oil, 12% BS, with gas gauging 5700 M. cu. ft. on 3" tubing flow line. Shut in at completion of test to take out tools, rig front and install treating plant. Well produced under proration with daily allowable of 56 1/2 bbls. oil per day for January, 1936.

## Slope Test Data

Depth	Angle (In deg.)	Horiz.	Vert.
250'	0	.0	.0
500'	0	.0	.0
750'	0	.0	.0
1000'	1	4.4	.1
1250'	0	.0	.0
1500'	0	.0	.0
1750'	1/2	2.3	.0
2000'	1/2	2.3	.0
2250'	1/2	2.3	.0
2500'	1	4.4	.1
2750'	1/2	2.3	.0
3000'	1/2	2.3	.0
3250'	1/2	2.3	.0
Total Deflections		22.6'	.2'

PLUGGING  
FILE SEC. 3. 24. 44  
BOOK PAGE 69 LINE 11

The well was left shut in until Jan. 27, 1936 installing treating plant and treating out bad oil accumulated in tank battery. Production for next 12 days was as follows:

Date	Hours Produced	Barrels Oil
Jan. 27, 1936	19	100
" 28, 1936	24	155
" 29, 1936	24	135
" 30, 1936	9	60
" 31, 1936	24	225
Feb. 1, 1936	10	115
" 2, 1936	24	75
" 3, 1936	24	75
" 4, 1936	Shut in	0
" 5, 1936	20	70
" 6, 1936	24	120
" 7, 1936	8	30

On Feb. 7th, reacidized with 1000 gal. of Dowell "X" acid solution as follows:

Acid Treatment No. 2 - by Dowell, Ind. - Feb. 7, 1936

Time	CP	TP	
	850#	700#	Well shut in 18 hours before treatment
9:00 AM			Opened well to relieve pressure
9:45 "	0	25	Connected up oil lines and started pumping oil through tubing (pressure released through casinghead)
10:00 AM	0	0	Pinched gate on casing head
10:10 "	10"Vac.	400#	
10:35 "	15" "	450#	Had 45 bbls. oil in hole
10:45 "			Shut casing head gate
10:50 "	10" "	520#	
11:50 "	10" "	520#	Had 155 bbls. oil in hole (Capacity of hole 193)
12:50 PM	10" "	590#	Had 280 bbls. oil in hole
2:30 "	10" "	520#	Had 420 bbls. oil in hole
4:00 "	15" "	500#	Had 505 bbls. oil in hole
5:00 "	20" "	400#	Had 585 bbls. oil in hole
6:15 "	26" "	10#	Had 680 bbls. oil in hole
			Hole did not fill up. Let stand 2 hours and casing and tubing gauges remained same.
8:15 "	26" "	10#	Started acid in hole
8:46 "	26" "	10#	Had 20 bbls. acid in hole. Acid on bottom.
8:50 "	26" "	10#	Had 24 bbls. acid in hole (1000 gal. acid in)
8:57 "	18" "	10#	Started oil in to flush with rotary pump
9:24 "	18" "	10#	Had 50 bbls. oil in hole.

Finished treatment at 9:24 PM and shut in for acid to act.

Left shut in until Feb. 9th, and following 19 hours to 7:00 AM 10th, flowed 300 bbls. oil, pinched through casing with gas gauging 2,220 M. cu. ft. and with 40# pressure on separator. Started 24-hour potential test at noon Feb. 10th, and during following 24 hours flowed 386 bbls. oil, and gas gauged 11,000 M. cu. ft. on 8-5/8" OD. high pressure vent at separator. This potential gave an allowable of 77 bbls. oil per day for the remaining 20 days of February, 1936.

It is intention to replace present string 2-1/2" EUE tubing with 3" regular set on a Robinson-Cavins packer between the oil and gas horizons, and thereby pack off a great portion of gas which has been produced in amounts ranging from 9,000 M. to 11,000 M. cu. ft. to lift the well's allowed oil production. It is believed that the installation of this packer will cut down the gas-oil ratio to the present gas sale delivery and lease consumption.

This well was completed January 13, 1936 for 386 barrels of oil with 11,000,000 cu. ft. of gas flowed in 24 hrs. from the Chat formation (Mississippi Lime), top at 3277', bottom at 3370' TD, with open hole extending from 3281' to 3370' TD, with the main gas pay body from 3290' to 3328' and the oil pay from 3336' to 3370'. This well was produced up until May 4, 1936 through 2 1/2" tubing set open end in the pay. In order to produce its regular daily allowable of oil during this period, it was necessary to produce excessive amounts of gas from the upper part of the formation and as this excess was not sold, it had to be popped into the air. On May 4, 1935, the hole was loaded with water to kill the gas, the 2 1/2" tubing pulled, and the hole steel lined showing a fill-up to 3361' with cavings. Kansas Cable Tools skid winch outfit was rigged up and the hole cleaned out to bottom. After cleaning out thoroughly, in an effort to shut off and conserve the Chat gas a 7" OD Guiberson Spiral Open Hole packer was run in the hole on 3" tubing, the packer bottom set at 3314' on 56' of 5-3/16" casing which was perforated and used as an anchor set on bottom. On May 11th, the well was swabbed in through the tubing and the hole was left loaded behind the tubing on top of the packer. Since May 12th the well has been on regular oil production flowed through 3" tubing and is producing sufficient gas for immediate lease requirements and outside sales. Its oil production averages 30 barrels per day and around 600,000 cu. ft. of gas is produced, which is being taken currently by Drillers Gas Company