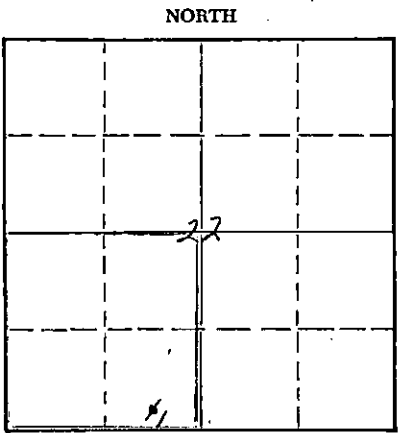


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

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

Stafford County. Sec. 22 Twp. 25S Rge. (E) 14 (W)
Location as "NE/CNW/SW" or footage from lines C S/2 SE/4 SW/4
Lease Owner Skelly Oil Company
Lease Name T. A. Toland Well No. 1
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed October 11, 1943
Application for plugging filed September 29, 1955
Application for plugging approved September 30, 1955
Plugging commenced October 28, 1955
Plugging completed November 5, 1955
Reason for abandonment of well or producing formation Depleted Oil Well



Locate well correctly on above
Section Flat

If a producing well is abandoned, date of last production October 10, 1955
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. Warren H. Horner
Producing formation Lansing Lime Depth to top 3881' Bottom 3884' Total Depth of Well 3884' 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
Lansing Lime	Oil	3881'	3884'	10-3/4" 7"	404'6" 3938'9"	None 2027'

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 3884' to 3870'
- 5 sacks of cement 3870' to 3845'
- Mud 3845' to 325'
- Rock 325' to 320'
- 10 sacks of cement 320' to 300'
- Mud 300' to 275'
- Rock 275' to 270'
- 20 sacks of cement 270' to 200'
- Mud 200' to 25'
- Rock 25' to 20'
- 10 sacks of cement 20' to 6'
- Surface soil 6' to 0'

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

Name of Plugging Contractor West Supply Co., Inc.
Address Box 506, 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 17th day of November, 1955

My commission expires April 7, 1959

Joseph A. Johnson
Notary Public.
STATE CORPORATION COMMISSION

PLUGGING
REC-22, 25, 14W
BOOK PAGE 4 LINE 33

NOV 21 1955
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. A. Toland WELL NO. 1 DISTRICT Western Kansas
 SEC. 22 T. 250 R. 147 COUNTY Stafford 880
 SURVEY _____ BLOCK _____ STATE Kansas JOB NO.

CLEANING OUT RECORD				PLUGGING BACK OR DEEPENING RECORD			
Date commenced.....19.....				Date commenced..... <u>October 28,</u> 19 <u>55</u>			
Date completed.....19.....				Date completed..... <u>November 5,</u> 19 <u>55</u>			
Cleaned out from..... to..... T. D.....				Plugged back or deepened from <u>3/4" oil</u> to <u>0" oil</u> T. D. <u>P & A</u>			
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: <u>West Supply Co., Inc.</u>			

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

SIZE	-Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed
7"OD	227	100		04	2001	0	1501	1711	9	R2 SS	G		
7"OD	227	100		1	26	0				R2 SS	D		

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

RECEIVED
 STATE OF KANSAS
 NOV 11 1955
 CONSOLIDATED DIVISION
 Wichita, Kansas

[Handwritten Signature]

Superintendent.

REMARKS (Give review of work accomplished and any other comment of interest) On October 28, 1955, pulled rods and 2" tubing, moved in and rigged up West Supply Co. machine to plug and abandon the well as follows:

Sand 3884' to 3870'

5 sacks of cement 3870' to 3845'

Shot off 7" OD casing at 3200' and casing would not pull. Tried to pump oil behind 7" casing at 1100' - CP, unable to pump oil in hole. Shot off 7" casing at 3100' and 3000' and could not pull. Spotted 60 barrels oil behind 7" casing, unable to pull. Shot 7" casing at 2594', 2590', 2405', and 2255', and 2200', and casing would not pull. Shot off at 2013' and pulled 2001' of 7" OD, 22#, 10V thd., R-2, S.S. casing (C cond.); and 26' of 7" OD, 22#, 10V thd., R-2, S.S. casing (S cond.)

Mud 3845' to 325'

Rock 325' to 320'

10 sacks of cement 320' to 300'

Mud 300' to 275'

Rock 275' to 270'

20 sacks of cement 270' to 200'

Mud 200' to 25'

Rock 25' to 20'

10 sacks of cement 20' to 6'

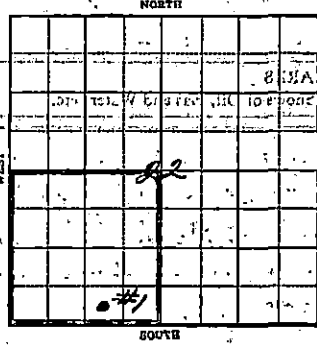
Surface soil 6' to 0'

Plugged and abandoned November 5, 1955.

RECORD OF FORMATIONS

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

SKELLY OIL COMPANY



WELL RECORD

Lease Name and No. T. A. Toland #20731 Well No. 1 Elev. 1981' DF

Lease Description Southwest Quarter (SW/4) of Section 22,
Township 25 South, Range 14 West, Stafford Co., Kansas

Location made April 30 1943 by Could Randolph

_____ feet from North line 660 feet from East line } SW/4
330' feet from South line _____ feet from West line } of Sec. 22

Work com'd Aug. 23 1943 Rig com'd Aug. 28 1943 Drlg. com'd Aug. 29 1943 Drlg. comp'd Sept. 17 1943

Rig Contractor Bodine Drilling Company

Drilling Contractor Bodine Drilling Company, Great Bend, Kansas

Rotary Drilling from Top to 3884' Cable Tool Drilling from _____ to _____

Commenced Producing October 11 1943 Initial Prod. before shot or acid 1600' OIL 3 hrs. Bbls.

Dry Gas Well Press. _____ Initial Prod. after shot or acid POB 8 hrs., 119.52 bbs. Bbls.

_____ Volume 0.00 gal. per cu. ft. of 359 bbls. Cu. ft.

Casing Head Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (10-3/4" x 7" O.D.) Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (_____) Gas Pressure _____ Volume _____ Cu. ft.

PRODUCING FORMATION Lansing Line Top 3881' Bottom 3884' TOTAL DEPTH 3884'

CASING RECORD

Size	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	Sacks Used	CEMENTING Method Employed
				Jts.	Feet	In.	Jts.	Feet	In.				
10-3/4" O.D.	40	8V	406'				18	404	6	Lapweld	A	250	Halliburton
10-3/4" O.D. Casing			Grade 7, Range 2										
7" O.D.	22	10V	3878'				229	3938	9	Seamless	A	125	Halliburton
7" O.D. Casing			Grade 7, Range 2										
(10-3/4" Casing not 6' in collar end 7" cased to surface floor)													
(Used 1 - Baker combination pipe and floor case)													

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	<u>September 26, 1943</u>			
Acid Used Size Shot	<u>300</u>			
Shot Between	<u>3878</u> Ft. and <u>3884</u> Ft.			
Size of Shell				
Put in by (Co.):	<u>MORGAN ACID CO.</u>			
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder	<u>NONE</u>			

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
<u>Lansing Line</u>	<u>3707</u>				<u>3853 1/2</u>	<u>3854 1/2</u>	<u>Obtained w/ trace of porosity and oil</u>
					<u>3881</u>	<u>3884</u>	<u>Saturated - PAY FORMATION</u>

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						" " " " " "

PLUGGING

PLUG SEC. 22 T. 25 R. 14W

BOOK PAGE 2 LINE 23

(See Reverse for Record of Formation)

RECORD OF FORMATIONS

FORMATION	GROSS RECORD	TOP	BOTTOM	REMARKS
				Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Surface soil, clay and sand		0	180	
Red bed		180	407	Set and cemented 10-3/4" OD, 40', 9 V-thd., Lapweld Steel casing at 406' with 250 sacks of cement and 6 sacks of aquagel.
Red bed		407	790	
Red bed		790	850	
Anhydrite		850	875	
Shale		875	1000	
Shale and shells		1000	1270	
Shale		1270	1350	
Shale and salt		1350	1420	
Shale and lime		1420	1570	
Sandy lime		1570	1835	
Lime		1835	2145	
Shale		2145	2170	
Lime		2170	2240	
Shale		2240	2265	
Lime and shale		2265	2290	
Lime		2290	2335	
Shale		2335	2430	
Lime and shale		2430	2505	
Shale		2505	2550	
Shale and lime		2550	2625	
Lime		2625	2675	
Shale and shells		2675	2725	
Lime and shale		2725	2780	
Lime		2780	2870	
Grey and red shale		2870	2915	
Shale		2915	2980	
Shale and lime		2980	3055	
Lime		3055	3110	
Lime and shale		3110	3200	
Lime		3200	3315	
Shale		3315	3340	
Broken lime		3340	3395	
Lime		3395	3675	
Lime and shale		3675	3685	
Shale		3685	3707	TOP LANDING LIME 3707'
Lime		3707	3755	
Lime and shale		3755	3815	
Shale		3815	3850	
Cherty lime		3850	3855	Stained with trace of porosity and oil from 3853' to 3854'
Shale		3855	3859	
Lime and shale		3859	3880	
Orsy, slightly porous, colitic lime		3880	3883	
Soft brown colitic lime		3883	3886	Saturated
				Set and cemented 7" OD, 22', 10 V-thd., Range 2, Grade 2, Seamless steel casing at 3878' SLM with 125 sacks of cement and 4 sacks of aquagel. Finished cementing at 4:00 AM September 18, 1945, and while shut down waiting for cement to set, moved out rotary tools and moved in and rigged up cable tools. Finished rigging up cable tools and bailed the hole down on September 23rd and 7" casing tested OK. Drilled cement plug and cement job tested OK. Cleaned out to bottom and hole filled 1800' with oil in 3 hours. Correction: 3886' SLM rotary table equals 3884' SLM derrick floor.
SLM		3886'	3884'	
TOTAL DEPTH			3884'	

Bailed and tested 12 hours, 3 barrels oil and 1/2 barrel water per hour and could not bail below 1800' off bottom. On September 25th ran 2" tubing and on September 26th, treated with 300 gallons of Morgan acid as follows:

ACID TREATMENT NO. 1 - Between 3878' and 3884'
 Treatment put in September 26, 1945, by Morgan Acid Company, using 300 gallons acid and 94 barrels of oil to fill hole and to flush:

TIME	OP	WF	REMARKS
10:30 AM			Filled hole with 54 barrels of oil
10:45 AM	Open	0	300 gallons acid in hole and started oil in
10:55 AM	150'	0	300 gallons acid in hole on bottom and 30' for reaction
11:15 AM	700'	375'	14 barrels of oil in hole
11:28 AM	290'	125'	3 barrels of oil in hole
11:40 AM	100'	75'	7 barrels of oil in hole
12:45 AM	50'	30'	40 barrels flushing oil in hole to complete treatment

After acid treatment, swabbed out 100 barrels of cut oil and acid water and swabbed down 2000' from top, grind cut by centrifuge test showed 10 percent salt water. At this time shut down to install tank battery.

(See Reverses for Record of Formation)

On October 11, 1943, FOR 3 hours, 35 barrels oil for pretest, then FOR 8 hours, 119.52 barrels of oil and 17.82 barrels water, to establish 24 hour State Corporation Commission potential of 359 barrels. This potential allows 25 barrels per day for the remainder of October, 1943.

SLOPE TEST DATA			
DEPTH	ANGLE OF DEFLECTION OR	HORIZ.	VERT.
250'	0 degrees		
500'	1/2 "	2.2	
750'	1/2 "	2.2	
1000'	1/2 "	2.2	
1250'	1/2 "	2.2	
1500'	1/2 "	2.2	
1750'	1/2 "	2.2	
2000'	1/2 "	2.2	
2250'	1/2 "	2.2	
2500'	1 "	4.4	.1
2750'	1 "	4.4	.1
3000'	1 "	4.4	.1
3250'	1 1/2 "	6.6	.1
3500'	1 1/2 "	6.6	.1
3750'	1 "	4.4	.1
Total Deflection		48.4'	.6