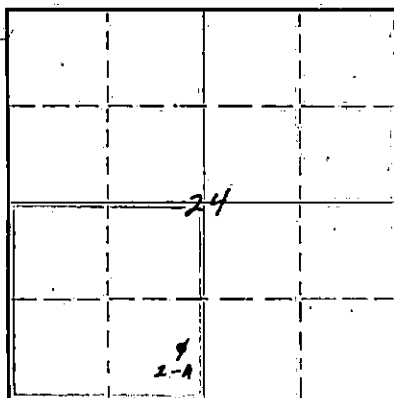


STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required 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

Reno County, Sec. 24 Twp. 24S Rge. (E) 8 (W) 8
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines 627' FEL 660' FSL SW/4
Lease Owner Skelly Oil Company
Lease Name Laura A. Smith Well No. 2-A
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Depleted Oil Well
Date well completed September 21, 19 34
Application for plugging filed April 21, 19 49
Application for plugging approved April 22, 19 49
Plugging commenced April 25, 19 49
Plugging completed May 9, 19 49
Reason for abandonment of well or producing formation Depleted Oil Well

If a producing well is abandoned, date of last production April 30, 19 49
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. Ruel Durkee
Producing formation Kansas City Depth to top 3530' Bottom 3545' Total Depth of Well 3549' 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
Kansas City Lime	Dry	3530'	3545'	13"OD 7"OD	251'7" 3552'10"	None 3194'0"

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.

Crushed rock 3549' to 3529'
5 sacks of cement 3529' to 3504'
Mud laden fluid 3504' to 240'
25 sacks of cement 240' to 208'
Mud laden fluid 208' to 15'
5 sacks of cement 15' to 10'
Surface soil 10' to 0'

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(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.

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)

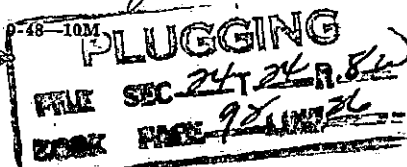
Box 391, Hutchinson, Kansas

(Address)

SUBSCRIBED AND SWORN to before me this 8th day of June, 19 49

My commission expires April 7, 1951

22-5133-S



Notary Public.

C O P Y

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 NAME L. A. SmithWELL NO. 2-A

ACID CLEANING OUT RECORD				PLUGGING BACK OR DEEPENING RECORD			
Date commenced..... <u>July 19,</u> 19 <u>38</u>				Date commenced..... 19			
Date completed..... <u>July 19,</u> 19 <u>38</u>				Date completed..... 19			
Cleaned out from..... to..... T.D. <u>3549'</u>				Plugged back or deepened from..... to..... T.D.			
Prod. before <u>30</u>	bbls. oil <u>0</u>	bbls. water <u>50,000</u>	cu. ft. gas	Prod. before.....	bbls. oil.....	bbls. water.....	cu. ft. gas
Prod. after <u>40</u>	bbls. oil <u>0</u>	bbls. water <u>50,000</u>	cu. ft. gas	Prod. after.....	bbls. oil.....	bbls. water.....	cu. ft. gas
Kind of tools used: <u>None</u>				Kind of tools used:.....			
Tools owned by:.....				Tools owned by:.....			

ACID ~~SHOT~~ RECORD

Date	<u>7/19/38</u>			
Size shot	<u>2000 gals. OK</u>	Qts.	Qts.	Qts.
Shot between	Ft. and .Ft.	Ft. and .Ft.	Ft. and .Ft.	Ft. and .Ft.
Size of shell				
Put in by (Co.)	<u>Dowell Inc.</u>			
Length anchor	<u>"XR"</u>			
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.....

REMARKS (Give review of work accomplished and any other comment of interest) As production in this well

Had declined until it was producing 30 barrels of oil per day, it was
decided to reacidize the well in effort to increase its production.

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 COMMISSION

(Use reverse side for continuation of remarks and for formation record).

Superintendent.

REMARKS (Continued)

RECORD OF FORMATIONS

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

ACID TREATMENT NO. 4

Treatment put in by Dowell Inc., 7/19/38, using 2000 gallons of Dowell "XR" acid and 325 barrels of oil during treatment.

<u>TIME</u>	<u>CP</u>	<u>TP</u>	<u>REMARKS</u>
10:49 a.m.	0#	15"	Filled hole with 150 bbls. oil, started acid in hole
10:56 am	10"	15"	13.8 bbls. acid in hole
11:00 am	10"	15"	24 bbls. acid in hole
11:11 am	2#	15"	48 bbls. acid in hole (2000 gals.)
11:30 am	5#	0	60 bbls. oil in hole
11:41 am	5#	0	100 bbls. oil in hole
11:48 am	15"	5"	135 bbls. oil in hole
12:07 am	26"	5"	Finished flushing tubing with 175 bbls. oil and shut well in for acid to act.

After acid treatment, put well on pumping test and POB 24 hours, 40 barrels of oil and no water, showing a 10 barrel per day increase in oil over test made prior to the acid treatment.

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 NAME L. A. Smith WELL NO. 2A

CLEANING OUT RECORD <u>Acid Treatment</u>	PLUGGING BACK OR DEEPENING RECORD
Date commenced..... <u>February 19th, 1935</u>193.....	Date commenced.....193.....
Date completed..... <u>February 19th, 1935</u>193.....	Date completed.....193.....
Cleaned out from..... to..... T. D.....	Plugged back or deepened from..... to..... T. D.....
Prod. before..... <u>273</u> bbls. oil <u>0</u> bbls. water..... cu. ft. gas.....	Prod. before..... bbls. oil..... bbls. water..... cu. ft. gas.....
Prod. after..... <u>435</u> bbls. oil <u>0</u> 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:.....

SHOT RECORD

Date	Size shot	Qts.	Shot between	Ft. and-	Ft.	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

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

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

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

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Superintendent.

REMARKS (Continued)

RECORD OF FORMATIONS

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

Acid Treatment Put In By Dowell, Inc.,

Started treatment at 12:27 PM, 2/19/35 after filling hole w/ 105 bbls. oil
Time

12:27 PM Ran in 55 gallons Dowell Blanket - CP 2# Tbg. 27" Vacuum

12:34 " Ran in 6 bbls. acid - CP 6# Tbg. 27" Vacuum

12:39 " Had in 12 bbls. acid - CP 9# Tbg. 27" Vacuum

12:41 " " " 13 $\frac{1}{2}$ " " - CP 10# Tbg. 27" Vacuum

12:45 " " " 18 " " - CP 12# Tbg. 27" Vacuum

12:50 " " " 24 " " - CP 15# Tbg. 27" Vacuum

Started flushing tubing with oil at 12:50 PM

1:30 PM Had in 20 bbls. oil - CP 15# Tbg. 27" Vacuum

2:00 " Had in 40 bbls. " * CP 10# Tbg. 27" "

Finished treatment at 2:00 PM 2/19/35, using 24 bbls. (1000 gals.) Dowell "X" acid solution, 55 gallons Dowell Blanket and 145 bbls. oil during treatment.

On actual pumping test 3/6/35, this well produced 435 barrels oil in 24 hours.

SKELLY OIL COMPANY

REPORT OF CHANGE IN WELL RECORD

ACID TREATMENT No. 3

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 Laura A. SmithWELL NO. 2A

CLEANING OUT RECORD				PLUGGING BACK OR DEEPENING RECORD			
Date commenced.....193.....				Date commenced.....193.....			
Date completed.....193.....				Date completed.....193.....			
Cleaned out from..... to..... T. D. <u>3549</u>				Plugged back or deepened from..... to..... T. D.			
Prod. before.....		bbls. oil.....	bbls. water.....	Prod. before.....		bbls. oil.....	bbls. water.....
		cu. ft. gas.....				cu. ft. gas.....	
Prod. after.....		bbls. oil.....	bbls. water.....	Prod. after.....		bbls. oil.....	bbls. water.....
		cu. ft. gas.....				cu. ft. gas.....	
Kind of tools used:.....				Kind of tools used:.....			
Tools owned by:.....				Tools owned by:.....			

ACID

SHOT RECORD

Date	<u>2/1/36</u>						
Size shot	<u>1000 Dowell "X" 6 1/8" 102</u>			Qts.		Qts.	
Shot between	Ft. and -	Ft.	Ft. and	Ft.	Ft. and	Ft.	Ft. and
Size of shell							
Put in by (Co.)	<u>Dowell, Incorporated</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
NO CHANGE MADE IN CASING RECORD													

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

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

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

SEE REVERSE SIDE FOR RECORD OF ACID TREATMENT

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CO. REGISTRATION

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Superintendent.

REMARKS (Continued)

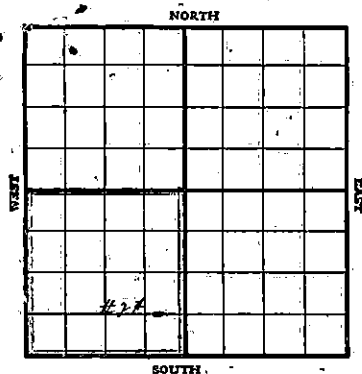
RECORD OF FORMATIONS

FORMATION		TOP	BOTTOM	REMARKS Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
ACID TREATMENT No. 3 - Put in by Dowell, Incorporated - Using 1000 gallons Dowell "X" Acid Solution and 205 barrels of oil during treatment.				
Time	CP	TP	Remarks	
			Put in 155 barrels of oil - Did not fill hole	
12:30 PM	2" Vac.	28" Vac	Put in 10 gallons blanket	
12:32 "	2" "	28" "	Started acid in hole	
12:35 "	2" "	28" "	Had 6 barrels acid in hole	
12:38 "	4" "	28" "	Had 11 barrels acid in hole	
12:40 "	4" "	28" "	Had 14 barrels acid in hole	
12:45 "	4" "	28" "	Had 23 barrels acid in hole	
12:45 "	4" "	28" "	Had 24 barrels acid in hole (1000 gals acid in)	
12:47 "	4" "	28" "	Started oil in hole - Flushing	
12:55 "	6" "	20" "	Had 7 1/2 barrels oil in hole	
1:15 "	12" "	25" "	Had 25 barrels oil in hole	
1:50 "	13" "	25" "	Had 50 barrels oil in hole	
2:45 "	15" "	25" "		

This well pumped its regular allowable under its previous potential of 435 barrels until February 12th, when it was put on pumping potential and during the following 24 hours pumped 409 barrels of oil and no water. The well was produced for the following 60 days its regular daily allowable, and on April 12th a 60 day retest was made, and for the 24 hours pumped 498 barrels of oil and no water, giving an allowable of 101 barrels oil per day during April 1936.

SKELLY OIL COMPANY

Well Record

Lease Name and No. James A. Smith #3019 Well No. 2-1 Elev. 1034.37Lease Description 5/4 Section 21-24S-07Deer County, KansasLocation made August 11th, 1934 By H. E. Conleyfeet from North line 637 feet from East line of 30006300 feet from South line feet from West lineRig com'd Aug. 12th, 1934 Rig comp'd Aug. 14th, 1934 Drlg. com'd Aug. 15th, 1934 Drlg. comp'd Aug. 16th, 1934Rig Contractor McIntosh, McCarty and Benson, Inc.Drilling Contractor Deather and SpurmondRotary Drilling from 0' to 3530' Cable Tool Drilling from 3530' to 3549'Commenced Producing Sept. 21st, 1934 Initial Prod. before shot or acid 2500' OIH Bbls.Initial Prod. after shot or acid 377 1/2 (Avg. 2-day pumping) Bbls.

Dry Gas Well Pressure Volume Cu. ft.

Casing Head Gas Pressure Volume 100,000 Cu. ft.Braden Head (12 1/2" x 7" OD) Gas Pressure Volume Cu. ft.Braden Head (12 1/2" x 7" OD) Gas Pressure Volume Cu. ft.Lower Kansas CityPRODUCING FORMATION Lime Top 3530' Bottom 3545' TOTAL DEPTH 3549'

(Name)

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.				
<u>12 1/2"</u>	<u>50</u>	<u>8</u>	<u>217</u>				<u>13</u>	<u>251'</u>	<u>7"</u>	<u>En. W.</u>	<u>B</u>	<u>300</u>	<u>Ballston</u>
<u>7" OD</u>	<u>24</u>	<u>10</u>	<u>3530</u>				<u>102</u>	<u>3552'</u>	<u>9"</u>	<u>Seamless</u>	<u>A</u>	<u>100</u>	<u>"</u>

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 18th, 1934</u>							
Acid Used	<u>1000 gals.</u>							
Size Shot	<u>1000 gals.</u>							
Shot Between	<u>3528 Ft. and 3549 Ft.</u>		<u>Ft. and Ft.</u>		<u>Ft. and 12 1/2 Ft.</u>		<u>Ft. and Ft.</u>	
Size of Shell								
Put in by (Co.)	<u>Exxon Inc.</u>							
Length anchor								
Distance below Cas'g								
Damage to Casing or Casing Shoulder								

SIGNIFICANT GEOLOGICAL FORMATIONS

KANSAS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
<u>Lansing-Kansas</u>							
<u>City Line</u>	<u>5125'</u>	<u>3549'</u>	<u>3530'</u>	<u>3535'</u>	<u>3530'</u>	<u>3549'</u>	<u>Pay formation</u>

(See Sheet No. 2 for Formation Record)

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Sand and red bed	0	75	
Shale and shells	75	160	
Lime	160	170	
Red bed, lime and sand	170	200	
Shale and red bed	200	254	Set and cemented 12 $\frac{1}{2}$ " casing at 247° w/ 250 oax and shut down 60 hours for cement to set.
Red bed and shells	254	500	
Red bed, gyp and shale	560	685	
Shale and shells	685	750	
Salt and shells	750	1125	
Shale and lime	1125	1155	
Lime and shale (broken)	1155	1245	
Shale and lime shells	1245	1510	
Shale and lime	1510	1650	
Lime (broken)	1650	1610	
Shale and lime shells	1610	1640	
Lime and shale	1640	1690	
Lime (broken)	1690	1720	
Lime and shale	1720	1700	
Shale and shells	1700	1800	
Shale and broken lime	1800	1890	
Shale	1890	1975	
Lime and shale	1975	2030	
Lime (broken)	2030	2075	
Shale and shells	2075	2095	
Shale	2095	2140	
Shale and shells	2140	2205	
Shale	2205	2300	
Lime (broken)	2300	2425	
Lime and shale	2425	2470	
Shale and shells	2470	2515	
Lime	2515	2545	
Shale and shells	2545	2595	
Lime and shale (broken)	2595	2630	
Lime (broken)	2630	2765	
Shale (sandy)	2765	2795	
Lime (white and hard)	2795	2820	
Lime (hard)	2820	2890	
Lime (medium)	2890	2930	
Lime (hard)	2930	2985	
Lime (broken)	2985	3035	
Lime (broken) and shale	3035	3060	
Lime and sandy shale	3060	3095	
Sand	3095	3105	
Sand and shale	3105	3165	
Lime (broken) and shale	3165	3174	

Cored 3174° to 3165° - Recovered 12°

Top 6° - Gray sandy shale

Next 3° - Hard black shale

Next 3° - Gray lime, shells and gray lime

Rammed hole after drilling ahead to 3190°

Cored 3190° to 3201° - Recovered 11°

Top 1° - Green shale

Next 4° - Gray lime, shells and gray lime

Next 6° - Brown Lansing lime

TOP LANSING LIME - 3195°

Lime	3201	3200
Shale and lime	3200	3235
Lime with shale breaks	3235	3335
Lime	3335	3445
Lime (broken) and shale	3445	3450
Lime (sandy) and shale	3450	3460
Lime and shale	3460	3475
Lime	3475	3487
Shale and lime	3487	3500
Lime	3500	3524
Shale (black)	3524	3527
Lime	3527	3530

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PLUGGING

FILE SEC 24 T 24 R 10
BOOK PAGE 92 LINE 26

Lime, brown and gray	3330	3335	Set and cemented 7" CP casing at 3328' w/ 100 sacks and shut down while waiting on cement to set and standardizing rig. Good saturation and porosity - 100,000 cubic feet of gas. Left well stand 3 hours, hole filled up 2000' with oil test showing no water.
Lime, brown and gray	3330	3337½	No increases
Lime, gray	3337½	3342	Small amount saturation and porosity
Lime, dark gray	3342	3343½	No saturation or porosity
Lime, brown and gray	3343½	3345	Little saturation and porosity - 2500' oil in hole
Lime, dark gray	3345	3349	No saturation or porosity
TOTAL DEPTH	3349 SUR		

September 16th, tubing was run and the well treated w/ 1000 gallons Howell "H" acid as follows:

Started treatment at 10:40 AM 9/16/34, CP 0½ Tbg. 17" Vacuum
 Pumped in 47½ bbls. oil
 " " 7 gals. blanket
 " " 1250 " acid - CP 125½ Tbg 26" Vacuum
 " " 8 " blanket
 " " 650 " acid - CP 500½ Tbg 30" Vacuum
 " " 17½ bbls. oil - CP 75½ Tbg 30" Vacuum
 Finished 2:30 PM 9/16/34 - SD waiting on acid to act

September 21st, tubing and rods were run and the well put to pumping on beam, P00 4 hours SD oil and no water. Well was not pumping right and rods and tubing were pulled to determine trouble. Potential test was started 1:00 PM 9/23/34 and the first 16 hours it P00 265 oil and no water. First 24 hours pumped 412 oil and no water ending 1:00 PM 9/25/34. Second 24 hours pumped 342 oil and no water ending 1:00 P.M. 9/25/34. Potential test: 377 barrels oil.

SLOPE TEST DATA

<u>Depth</u>	<u>Angle of deflection</u>
500'	1 degree
750'	1 "
1000'	1 "
1250'	1 "
1500'	1 "
1750'	1 "
2000'	2 "
2250'	2 "
2500'	1 "
2750'	2 "
3000'	1 "
3250'	2½ "

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