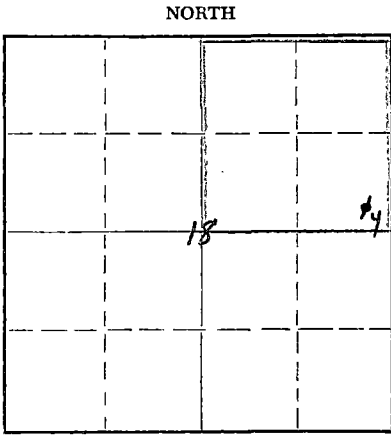


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Pratt County. Sec. 18 Twp. 27S Rge. (E) 12 (W)
Location as "NE/CNW/SW" or footage from lines SE/4 SE/4 NE/4
Lease Owner Skelly Oil Company
Lease Name Gustave Seidel Well No. 4
Office Address P. O. Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed March 6, 19 57
Application for plugging filed March 6, 19 57
Application for plugging approved March 7, 19 57
Plugging commenced March 8, 19 57
Plugging completed March 13, 19 57
Reason for abandonment of well or producing formation Dry Hole

If a producing well is abandoned, date of last production 19
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 Depth to top Bottom Total Depth of Well 4430 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
Simpson Sand	Dry	4388'	4430'	8-5/8"	821' 0"	None
				5-1/2"	4465' 0"	3703' 5"

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.

Cement 4430' to 4415'
Bridging plug 4413 1/2'
Bridging plug 4397'
2 gallons Cal-Seal 4397' to 4395'
Sand 4395' to 4375'
5 sacks of cement 4375' to 4335'
Mud laden fluid 4335' to 310'
Crushed rock 310' to 300'
20 sacks of cement 300' to 240'
Mud laden fluid 240' to 35'
Crushed rock 35' to 30'
10 sacks of cement 30' to 6'
Surface soil 6' to 0'

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

Name of Plugging Contractor Ace Pipe Pulling Company
Address P.O. 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) [Signature]
P.O. Box 391, Hutchinson, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 22nd day of March, 19 57

My commission expires April 7, 1959

Josephine L. Johnson
Notary Public.

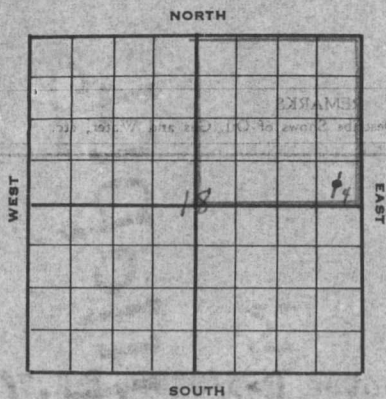
PLUGGING
FILE SEC 18 T 27 R 12W
BOOK PAGE 145 LINE 44

3-23-57

RECEIVED
CONSERVATION DIVISION
Wichita, Kansas

15-151-10246-0000

SKELLY OIL COMPANY



Well Record

Lease Name and No. Gustave Seidel Well No. 4 Elev. 1866'
 Lease Description NE 1/4 Sec. 18-27-126,
Pratt County, Kansas (160 A)
 Location made January 21, 19 57 by J. B. Robling
330 feet from North line 330 feet from East line NE 1/4
330 feet from South line 330 feet from West line of Sec. 18

Work com'd. 1/23 19 57 Rig comp'd. 1/24 19 57 Drlg. com'd. 1/24 19 57 Drlg. comp'd. 2/12 19 57
 Rig Contractor Chas. Hulme Drilling Co.,
 Drilling Contractor Chas. Hulme Drilling Co., Great Bend, Kansas
 Rotary Drilling from 0 to 4430' Cable Tool Drilling from To complete to

Commenced Producing DRY HOLE 19 Initial Prod. before shot or acid Bbls.
 Initial Prod. after shot or acid Bbls.
 Dry Gas Well Press. Volume Cu. ft.
 Casing Head Gas Pressure Volume Cu. ft.
 Braden Head (Size) Gas Pressure Volume Cu. ft.
 Braden Head (Size) Gas Pressure Volume Cu. ft.

PRODUCING FORMATION DRY HOLE (Name) Top Bottom TOTAL DEPTH 4430'

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
	8-5/8"	22.7	5J	028'				21	821	0	rmco SW	A	647	Halliburton
	5-1/2"	14.5	8H	4430'	116	3671	5					B		
	5-1/2"	14.5	8H		1	32	0	23	761	7	J55 R2 SS	A	125	Halliburton
(8-5/8" casing set 2' in collar and 5 1/2" cased to derrick floor)														

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>2/17/57</u>	<u>2/24/57</u>	<u>2/25/57</u>	<u>3/4/57</u>
Acid Used				
Size Shot	<u>250</u>	<u>750</u>		
Shot Between	<u>4389</u> Ft. and <u>4397</u> Ft.	<u>4373</u> Ft. and <u>4381</u> Ft.	<u>4373</u> Ft. and <u>4381</u> Ft.	<u>4388</u> Ft. and <u>4392</u> Ft.
Size of Shell				
Put in by (Co.)	<u>Halliburton</u>	<u>Halliburton</u>	<u>Halliburton</u>	<u>Halliburton</u>
Length anchor				
Distance below Cas'g			<u>Sand-Oil-Frac</u>	<u>Sand-Oil-Frac</u>
Damage to Casing or Casing Shoulder				

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
<u>Beebner Shale</u>	<u>3524'</u>						
<u>Toronto Lime</u>	<u>3540'</u>						
<u>Douglas Sand</u>	<u>3560'</u>						
<u>Lansing Lime</u>	<u>3722'</u>						
<u>Mississippi lm.</u>	<u>4166'</u>						
<u>Viola Lime</u>	<u>4324'</u>						
<u>Simpson Sand</u>	<u>4388'</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						" " " " "

(See Reverse for Record of Formation)

RECEIVED
 STATE COMMISSION
 MAR 23 1957

12-21-10-24-000

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Surface and loose sand	0	180	
Red bed	180	510	
Shale and sand	510	650	
Shale and shells	650	700	
Shells	700	810	
Anhydrite	810	828	
Shale and shells	828	1680	
Shale	1680	2400	
Shale and sand	2400	2550	
Shale	2550	2960	
Shale and sand	2960	3240	
Shale	3240	3335	
Shale and sand	3335	3400	
Shale	3400	3470	
Shale and sand	3470	3525	
Sand and lime	3525	3645	
Shale and sand	3645	3710	
Lime and shale	3710	3730	
Lime	3730	3755	
Lime	3755	4170	
Chert	4170	4227	
Cherty lime	4227	4358	
Sandy dolomite	4358	4389	
Light gray, medium grained, sub-rounded sand with small green shale inclusions	4389	4400	
White, medium grained, sub-angular sand	4400	4400	
Sand	4400	4430	

Set and cemented 5/8" casing at 4400' with 125 sacks of common cement. Finished at 7:00 a.m. 2/13/57. Halliburton Temperature Survey shows top of cement behind 5/8" casing at 3715'.

Rigged up cable tools, swabbed and bailed the hole dry to 4401' and 5/8" casing tested dry on February 16. Perforated 5/8" casing from 4389' to 4397' with 47 holes by Lane-Wells; bailed and tested 3 hours, 25 gallons of oil and 25 gallons of water per hour. Treated through 5/8" casing with 250 gallons of Halliburton acid as follows:

DATE COMMENCED	DATE COMPLETED	REMARKS
2:30 pm		Start acid
2:32 pm		Start flush
2:52 pm		Acid on bottom
3:45 pm		250 gallons of acid in
3:50 pm		Finished flush

Swabbed through 5 1/2" casing 12 hours, 115 barrels of oil used in treating, 6 barrels of acid water and 35 barrels of formation water. On February 18, swabbed through 5 1/2" casing 24 hours, 5 1/2 barrels of oil and 63 barrels of water. Ran 2" tubing and set HM retainer at 4382' and cemented off perforations from 4389' to 4397' with 100 sacks of common cement, maximum TP-3500%. Pulled 2" tubing and shut down for cement to set.

Swabbed and bailed the hole dry on February 22, and 5 1/2" casing tested dry. Drilled retainer and cement plug and cleaned out to 4415'. Perforated 5 1/2" casing from 4405' to 4412' with 42 holes by Lane-Wells; bailed and tested 14 hours, 240 gallons of water and no oil. Set Baker bridging plug at 4386' and plugged back from 4386' to 4384' with 4 gallons of Cal-Seal. Bailed and tested 5 1/2" casing dry. Perforated 5 1/2" casing from 4373' to 4381' with 48 holes by Lane-Wells; bailed and tested 3 hours, no shows. Treated through 5 1/2" casing with 250 gallons of Halliburton MCA acid and 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 2 - Between 4373' and 4381'

Treatment put in 2/24/57 by Halliburton, using 750 gallons of acid and 115 barrels of oil.

TIME	CP	TP	REMARKS
9:00 am			Start acid, MCA
9:36 am	500%		Acid on bottom
9:44 am	2500%		120 gallons of acid in
9:46 am	1900%		250 gallons of acid in
9:50 am	1900%		Start 15% acid in
9:53 am	1450%		250 gallons of acid in
9:55 am	1350%		500 gallons of 15% acid in
10:00 am	1250%		Treatment completed

Swabbed through 5 1/2" casing 7 1/2 hours, 115 barrels of oil used in treating, no water. Ran 2" tubing and set Halliburton HM packer at 4360'. Ran Halliburton Sand-Oil-Frac treatment as follows:

SAND OIL FRAC TREATMENT NO. 1 - Between 4373' and 4381'

Used 3000% of sand
 2500 gallons of heavy oil
 168 barrels of oil to fill and flush
 Maximum TP-4700%, minimum TP-3600%
 Time 11 minutes

Pulled 2" tubing and HM packer and swabbed through 5 1/2" casing 16 hours, 124 barrels of oil used in treating. On February 27, swabbed 1/2 barrel of water per hour for 4 hours.

Drove Baker bridging plug from 4366' to 4413 1/2'. Ran 2" tubing and set HM retainer at 4358'. Cemented off perforations from 4373' to 4381' and 4405' to 4412' with 100 sacks of common cement, maximum TP-3500%. Pulled 2" tubing and shut down for cement to set.

On March 2, swabbed and bailed the hole dry and 5 1/2" casing tested dry. Drilled retainer and cement plug and cleaned out to 4414' LM. Bailed and tested 2 hours, 2 gallons of water per hour. Plugged back from 4414' to 4400' with sand. Set Lane-Wells bridging plug at 4397', then plugged back from 4397' to 4395' with 2 gallons of Cal-Seal. Perforated 5 1/2" casing from 4388' to 4392' with 25 holes by Lane-Wells. Swabbed through 5 1/2" casing 9 hours, 2 barrels of oil and 10 barrels of water. On March 4, swabbed through 5 1/2" casing 3 hours, 16 gallons of oil and 50 gallons of water per hour. Ran 2" tubing and set Halliburton HM packer at 4366'. Ran Halliburton Sand-Oil-Frac treatment as follows:

SAND-OIL-FRAC TREATMENT NO. 2 - Between 4388' and 4392'

Used 1500% of sand
 1000 gallons of heavy oil
 140 barrels of regular crude oil to fill and flush
 Maximum TP-4500%, minimum TP-3600%
 Time 11 minutes

Pulled 2" tubing and HM packer and bailed hole clean. Swabbed through 5 1/2" casing 15 hours, 128 barrels of oil used in treating and 157 barrels of water.

Since no oil or gas production was found in commercial quantities in thoroughly testing this well, regular authority was granted to plug and abandon the well.

On March 8, began plugging the well as follows:

Sand	4395' to 4375'
5 sacks of cement	4375' to 4335'

Pulled 116 joints (3671') of 5 1/2" OD, 14#, 8R thd., R-2, J-55, S.S. casing (B cond.); and 1 joint (32') of 5 1/2" OD, 14#, 8R thd., R-2, J-55, S.S. casing (C cond.)

Mud laden fluid	4335' to 310'
Crushed rock	310' to 300'

BOOK 6482 PAGE 44
 LIFE SEC 18.1 31 B 136
 PLUGGING

20 sacks of cement	300' to 240'
Crushed rock	35' to 30'
10 sacks of cement	30' to 6'
Surface soil	6' to 0'

Plugged and abandoned March 13, 1957.

SLOPE TEST DATA

<u>DEPTH</u>	<u>ANGLE OF DEFLECTION</u>
250'	0 Degree
500'	0 "
1000'	0 "
2000'	0 "
2250'	0 "
3000'	0 "
3573'	1/2 "

PLUGGING
 FILE SEC 18 T 27 R 12W
 BOOK PAGE 145 LINE 44