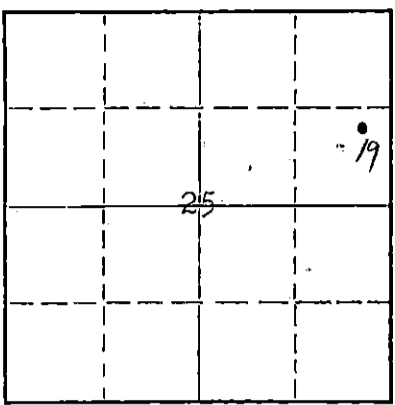


WELL PLUGGING RECORD

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

Pratt County, Sec. 25 Twp. 27S Rge. 11 (E) 11 (W)

Location as "NE/CNW/SW" or footage from lines NE/4 SE/4 NE/4
Lease Owner Skelly Oil Company
Lease Name Cunningham "B" Unit Well No. 19
Office Address P. O. Box 649, McCook, Nebr. 69001
Character of Well (completed as Oil, Gas or Dry Hole) Oil-gas
Date well completed July 7, 19 35
Application for plugging filed April 10, 19 67
Application for plugging approved April 13, 19 67
Plugging commenced April 26, 19 67
Plugging completed May 1, 19 67
Reason for abandonment of well or producing formation Depleted



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production December 1, 19 64
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. A. Elving
Producing formation Lansing Lime Depth to top 3416 Bottom Total Depth of Well 3459 1/2 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE OD	PUT IN	PULLED OUT
Lansing Lime	Oil	3418	3459 1/2'	12-1/2"	324'	None
				7"	3435' 9"	1623'

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 3459 1/2' to 3370'
- 20 sacks of cement 3370' to 3290'
- Mud 3290' to 260'
- Rock bridge 260' to 250'
- 10 sacks of cement 250' to 242'
- 30 sacks of cement 242' to 197'
- Mud 197' to 40'
- Rock bridge 40' to 30'
- 20 sacks of cement 30' to Base of cellar
- Surface soil Cellar to Surface

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(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Ralph Comstock Pipe Plugging Company
Address 320 No. Park, Stafford, Kansas 67578

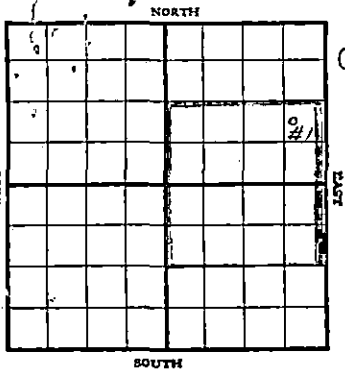
STATE OF Nebraska, COUNTY OF Red Willow, ss.
Charles R. Davis (employee of owner) or (owner/operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Charles R. Davis
P. O. Box 649, McCook, Nebr. 69001 (Address)

SUBSCRIBED AND SWORN TO before me this 31st day of May, 19 67

My commission expires COMMISSION EXPIRES JUNE 13, 1969
C. G. Lindsey Notary Public.

SKELLY OIL COMPANY



Cunningham "B" Unit
Well No. 19

Well Record

Lease Name and No. E. L. Maxedon No. 14271 Well No. 1 Elev. 1689' DF
Lease Description S/2 NE/4 and N/2 SE/4 Sec. 25-27S-11W,
Pratt, County, Kansas.

Location made 5-20 1935 By Pratt County Engineer
330 feet from North line 440 feet from East line } of Lease
feet from South line _____ feet from West line }

Rig com'd May 22nd, 1935 Rig comp'd May 26th, 1935 Drlg. com'd 5-31- 1935 Drlg. comp'd 7-6 1935

Rig Contractor Mahan, McCarty and Bosse, Inc., Tulsa, Oklahoma.

Drilling Contractor Southern and Thurmond, Tulsa, Oklahoma.

Rotary Drilling from 0 to 3436' Cable Tool Drilling from 3436' to 3459 1/2'

Commenced Producing July 7th, 1935 { Initial Prod. before shot/acid Swabbed 45 bbls. oil 12 hours Bbls.
Initial Prod. after shot/acid 237.6 - 1st, 24 hours after Bbls.
acid treatment

Dry Gas Well Pressure _____ Volume _____ Cu. ft.

Casing Head Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (12 1/2" ^{Size} x 7" ^{OD}) Gas Pressure _____ Volume 351,000 Cu. ft.

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

PRODUCING FORMATION Lansing Lime (Name) Top 3416' Bottom 3459 1/2' TOTAL DEPTH 3459 1/2'

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
<u>12 1/2"</u>	<u>50#</u>	<u>8</u>	<u>330'</u>				<u>19</u>	<u>324'</u>	<u>0"</u>	<u>Lapweld</u>	<u>C</u>	<u>300</u>	<u>Halliburton Proce</u>
<u>7" OD</u>	<u>24#</u>	<u>10</u>	<u>3418'</u>				<u>116</u>	<u>3455'</u>	<u>9"</u>	<u>Seamless</u>	<u>A</u>	<u>500</u>	<u>" "</u>

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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>7-10-1935</u>							
Acid Used	<u>1500</u> Gals.							
Size Shot		<u>Qts.</u>						
Shot Between	<u>Ft. and</u>	<u>Ft.</u>	<u>Ft. and</u>	<u>Ft.</u>	<u>Ft. and</u>	<u>Ft.</u>	<u>Ft. and</u>	<u>Ft.</u>
Size of Shell								
Put in by (Co.)	<u>Dowell, Inc.</u>							
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	
<u>Lansing Lime</u>	<u>3416'</u>	<u>3459 1/2'</u>					<u>See body of log for details</u>

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
			Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Surface sand	0	97	
Red Rock	97	117	
Lime	117	122	
Red Rock	122	210	
Lime	210	229	
Shale and lime shells	229	340	Set and cemented 12 $\frac{1}{2}$ " casing at 330' w/ 300 sack cement
Red bed and shells	340	460	
Red bed, shale and shells	460	875	
Shale and lime shells	875	1075	
Shale, shells and salt	1075	1390	
Lime and shale	1390	1440	
Gyp and Lime	1440	1495	
Lime	1495	1675	
Lime (Broken)	1675	1615	
Shale and Shells	1615	1675	
Lime	1675	1720	
Shale	1720	1725	
Lime	1725	1730	
Shale and lime	1730	1815	
Shale and lime shells	1815	1850	
Lime	1850	1905	
Shale and lime shells	1905	1980	
Lime and shale	1980	2025	
Shale	2025	2050	
Broken Lime	2050	2170	SIM
Shale and lime	2170	2215	
Broken Lime	2215	2350	
Lime	2350	2370	
Shale and Lime	2370	2430	
Shale and lime shells	2430	2470	
Shale and lime shells	2470	2480	Soft break 2470-2475'
Shale and lime	2480	2500	
Broken	2500	2540	
Lime and shells	2540	2595	
Shale and lime shells	2595	2645	
Lime	2645	2680	
Lime and shells	2680	2730	
Shale and lime shells	2730	2760	
Shale and lime	2760	2890	
Shale and lime shells	2890	2990	
Lime and shale	2990	3080	
Broken Lime (Soft)	3080	3120	
Lime (Hard)	3120	3243	
Lime and shale	3243	3272	
Lime	3272	3272	
Lime and shale	3272	3330	
Lime	3330	3355	
Shale and lime	3355	3402	

CORED from 3402' - 3420' - Recovered 8'

1st, 4' - hard shelly grey lime and shale
 Next 3 $\frac{1}{2}$ ' - hard dense grey shelly lime w/ less shale
 Last 1/2' - dense grey fossiliferous lime

• Reamed hole from 3402' to 3420'

CORED from 3420' - 3434' - Recovered 5'

5' - hard dense cherty and fossiliferous lime -
 little porosity and saturation last 2'

TOP LANSING LINE

3413'

Reamed and set 7" OD 24 $\frac{1}{2}$ seamless steel casing at 3413' - Cemented w/ 500 sack cement. Finished at 8:30 A. M. 6/23/35.
 Moved in and rigged up drilling in from and cable tools while waiting on cement to set. On July 2nd, cement plug was drilled out and hole cleaned out to bottom, 7" casing testing dry. On going in the hole with bailer on this date, sand reel blew up and dropped bailer and 3500' of sandline in the hole. Sand

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Line and bailer were fished out on this date and the rig shut down while a replacement sand reel was being moved in. The rig was again ready for work on July 5th, when bailer was run and found 500' of fluid in the hole (100' of mud and 400' of oil). The hole was then steel lined and the total depth corrected; 3434' equals 3436' and drilling continued as follows:

Lime, hard grey	3436	3441	Gas estimated 20,000 cu. ft.
			No porosity or saturation - no increase in gas or oil - 450' OIH
Lime, hard dark grey w/ little dark shale	3441	3445	No saturation or porosity - 500' OIH
Lime, medium soft grey and brown	3445	3451	Little saturation and porosity - Filled up 700' with oil in 3 hours while making this run - 1200' OIH and gas estimated 40,000 cu. ft.
Lime, medium soft brown and grey	3451	3454½	Porous - Hole filled up 1200' to 2200' in 3½ hours - Estimated 50,000 cu. ft. gas
Lime, hard brown and grey	3454½	3457½	No porosity or saturation - 2400' OIH
Lime, grey w/ little brown lime and chert	3457½	3459½	No increase - 2450' OIH. Swabbed 12 hours to 7 A. M. July 7th, 45 bbls. oil. The following 24 hours, swabbed 32 bbls. oil making one run hourly with swab. Gas gauged 24,000 cu. ft.

TD
3459½
On July 9th, run 6½" OD Oilwell Supply Company bottom hole packer and set at 3442' with 17½' of 3" tubing perforated below packer plugged on bottom. The packer was run on 2" regular tubing and on July 10th, the well was treated with 1500 gallons of acid solution diluted with 500 gallons of water making a 40% solution, the treatment is as follows:

ACID TREATMENT NO. 1

Started treatment at 7:00 PM 7-10-35 and completed at 9:40 PM this date.

Time	Run in 82 bbls. oil on top of packer and filled casing to top				
7:00 PM	Had in 240 gals. acid - CP 0 TP 100#	To 7:10 PM			
7:10 "	" " 280 " " - CP 0 TP 500#	" 7:15 "			
7:15 "	SD repairing pump	" 7:40 "			
7:40 "	Had in 320 gals. acid - CP 0 TP 400#	" 7:45 "			
7:45 "	" " 480 " " - CP 0 TP 350#	" 7:50 "			
7:50 "	" " 720 " " - CP 0 TP 200#	" 7:55 "			
7:55 "	" " 1000 " " - CP 0 TP 200#	" 8:00 "			
8:00 "	" " 1220 " " - CP 0 TP 150#	" 8:05 "			
8:05 "	" " 1680 " " - CP 0 TP 125#	" 8:10 "			
8:10 "	" " 2000 " " - CP 0 TP 125#	" 8:15 "			

Started oil in hole after acid at 8:15 PM

8:15 PM	Run in 6 bbls. oil - CP 0 Tbg. 10" Vacuum	To 8:30 PM
8:30 "	Had in 14 " " - CP 0 Tbg. 0	" 8:45 "
8:45 "	" " 23 " " - CP 0 Tbg. 0	" 9:00 "
9:00 "	" " 32 " " - CP 0 Tbg. 100# Pressure	" 9:15 "
9:15 "	" " 37 " " - CP 0 Tbg. 300#	" 9:30 "
9:30 "	" " 43.76 " " - CP 0 Tbg. 350#	" 9:40 "

The well was shut in at 9:40 PM and 12 hours later tubing was on vacuum, which was not gauged.

On July 13th, tubing and packer were pulled and the 2" tubing run back open end and set at 3442'. On July 14th, the well was opened through tubing but would not flow, on July 15th, a high pressure gas line was laid and tied in and when the tubing pressure built up to 400# the well kicked off onto production and flowed 37.38 bbls. oil in two hours and went dead. Input gas was increased but well would not flow with 800# on the casing head. On July 17th, the tubing was raised to 3200' and as soon as the well kicked onto production, tubing was lowered to 3442'. In three hours on July 17th, the well flowed 54.36 oil and was then shut in preparatory to taking potential test. Potential test started at 10:00 AM July 19th, 1935 and 48 hours ending 10:00 AM July 21st, the well produced 396 bbls. oil or 198 bbls. for 24 hours potential.

SLOPE TEST DATA

Depth	Angle of Deflection	Depth	Angle of Deflection
250'	2 Degrees	2500'	2½ Degrees
500'	2 "	3096'	4 "
750'	2½ "	3150'	3½ "
1000'	3 "		
1250'	2 "		
1500'	2 "		
1750'	2½ "		
2000'	1½ "		
2250'	2½ "		

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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 Cunningham "B" Unit
 SEC. 25 T. 27S R. 11W
 BLOCK _____ SURVEY _____

WELL NO. 19 DISTRICT Platte
 COUNTY Frank AFE NO. 22210
 STATE Kansas

TYPE OF WORK PLUG AND ABANDON WELL

Date commenced April 26, 1967 Date completed May 1, 1967
 Deepened from _____ to _____ Total Depth _____
 Plugged back from 3459' to Surface P.B.T.D. _____
 Cleaned out from _____ to _____
 Production before SHUT DOWN bbls. oil _____ bbls. water _____ cu. ft. gas. _____
 Production after _____ bbls. oil _____ bbls. water _____ cu. ft. gas. COND.
 Tools owned by: Ralph Constock Pipe Pulling Kind used: Pulling Unit No. days rig time; _____
 Cost of Job \$ _____ Revised Estimated Payout (Mos.) _____

TREATMENT RECORD

DATE	TYPE TREATMENT	INTERVAL TREATED	AMOUNT OF TREATMENT

CHANGES IN CASING RECORD

STRINGS	SIZE	WHERE SET (Depth)	CEMENTING RECORD		REMARKS
			Sacks Used	Top Cem't. Bh'd. Cas'g.	
Production					
Liner					Top liner;

SIZE	WT.	THDS.	KIND	COND.	LEFT IN				PULLED OUT					
					Jts.	2 Feet	1 in.	WTM	Jts.	2 Feet	1 in.	WTM		
7"	2187	10V	1 1/2 SS	0	59	2797	6 in.	2187	3 in.	51	2187	1 in.	2187	1 in.

PRODUCING FROM

FORMATION _____ thru OPEN HOLE PERFORATIONS _____ TOP _____ BOTTOM _____ Total No. Shots _____

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

The well has been shut down since December 1, 1964, when it became uneconomical to operate. As there are no further zones worthy of testing and the well is of no further use in the waterflood program, regular authority was granted to plug and abandon it.

On April 26, 1967, moved in and rigged up casing pulling unit of Ralph Constock Pipe Pulling Company to plug and abandon the well.

Sand 3459' to 3370'
 20 sacks of cement 3370' to 3290'

Shot 7"OD casing at 1610' and pulled 57 joints (1623') of casing.

Mud 3290' to 260'
 Rock bridge 260' to 250'
 10 sacks of cement 250' to 242'
 30 sacks of cement 242' to 197'
 Mud 197' to 40'
 Rock bridge 40' to 30'
 20 sacks of cement 30' to Base of cellar
 Surface soil Collar to Surface

Plugged and abandoned May 1, 1967.

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