

STATE OF KANSAS
STATE CORPORATION COMMISSION

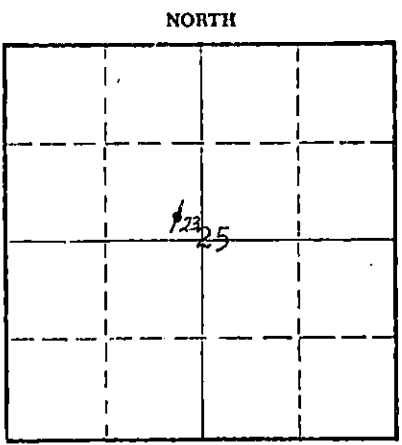
Form CP-4

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. (E) 11 (W)

Location as "NE/CNWxSWx" or footage from lines SE/4 SE/4 NW/4
Lease Owner Skelly Oil Company
Lease Name Cunningham "B" Unit Well No. 23
Office Address 1860 Lincoln St., Denver, Colo.
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed November 1, 1935
Application for plugging filed April 11, 1967
Application for plugging approved April 13, 1967
Plugging commenced May 31, 1967
Plugging completed June 6, 1967
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 Shut Down 12/1, 1964
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 3417' Bottom 3457' Total Depth of Well 3457 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
Lansing Lime	Oil	3417'	3457'	12 1/2"	301'6"	None
				6-5/8"	3445'5"	1419 1/2'

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 3457' to 3390'
- 20 sacks of cement 3390' to 3288'
- Mud 3288' to 275'
- Rock bridge 275' to 265'
- 285 sacks cement (squeezed) 265' to 20'
- 10 sacks cement 20' to Base of cellar
- Surface soil Cellar to Surface

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Wichita, Kansas

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

STATE OF Colorado COUNTY OF Denver ss.
Leland Franz (employee of owner) or ~~owner or 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) Leland Franz
1860 Lincoln St., Denver, Colo. 80203
(Address)

SUBSCRIBED AND SWORN to before me this 14th day of August, 1967

My Commission expires June 17, 1970
My commission expires _____
Notary Public.

SKELLY OIL COMPANY

Cunningham "B" Unit
Well No. 23

Well Record

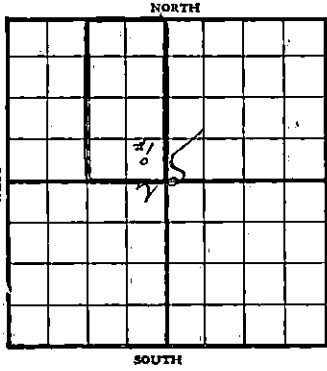
Lease Name and No. E. A. (West) Maxadon #7011 Well No. 1 Elev. 1682' DE

Lease Description E/3 NW/4 Section 25-27S-11W,

Pratt County, Kansas.

Location made Sept. 17th, 19 35 By Pratt County Engineer

330 feet from North line 330 feet from East line of Lease
330 feet from South line feet from West line



Rig com'd Sept. 25th 19 35 Rig comp'd Sept. 29th 19 35 Drig. com'd Oct. 3rd 19 35 Drig. comp'd Oct. 29th 19 35

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

Drilling Contractor Southern and Thurmond, 503 Philtower Bldg., Tulsa, Oklahoma.

Rotary Drilling from 0 to 3421' Cable Tool Drilling from 3421' to 3457'

Commenced Producing Nov. 1st, 19 35 { Initial Prod. before acid. 100' OIH in 5 hours Bbls.
Initial Prod. after acid. 243 barrels oil on 24 hours Bbls.
Potential test

Dry Gas Well Pressure Volume Cu. ft.

Casing Head Gas Pressure Volume Estimated 150,000 cu. ft. after Cu. ft.

Braden Head (12 1/8" x 6-5/8" OD) Gas Pressure Volume acid treatment Cu. ft.

Braden Head () Gas Pressure Volume Cu. ft.

PRODUCING FORMATION LANSING LIME (Name) Top 3417' Bottom 3457' TOTAL DEPTH 3457'

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 1/8"	50#	8	306'				16	301'	6"	Lapweld	C	300	Halliburton Process
6-5/8"													
OD	28#	10	3417'				114	3445'	5"	Seamless	B	500	"

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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

ACID TREATMENT RECORD

	FIRST	SECOND	THIRD	FOURTH
Date	<u>10/31/35</u>			
Acid Used	<u>2000</u> Gals.			
Size Shot	<u> </u> Gals.			
Shot Between	<u> </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.
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>3417'</u>	<u>3457'</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.
Sandy shells and red bed	0	140	
Red bed and shale	140	347	Reamed hole to 306' and set and cemented 12 $\frac{1}{2}$ " casing at that point with 300 sacks cement.
Shale	347	550	
Shale and shells	550	1050	
Salt	1050	1270	
Shale and shells	1270	1340	
Shale and lime shells	1340	1690	
Lime	1690	1710	
Shale	1710	1815	
Shale and lime shells	1815	2555	
Lime	2555	2610	
Shale and lime shells	2610	3125	
Lime	3125	3140	
Shale and lime shells	3140	3250	
Lime, broken	3250	3280	
Shale and lime shells	3280	3413	
<u>Cored 3413' - 3425' Recovered 4$\frac{1}{2}$'</u>			
Top 1' - Shelly lime and shale.			
Next 2' - Brown fossiliferous lime, fair porosity and no saturation			
Last 1 $\frac{1}{2}$ ' - Dense grey lime, no saturation or porosity			
TOP LANSING LIME		3417'SIM	Reamed hole to 3425' and set and cemented 6-5/8" OD 22# Seamless Steel casing at 3417' with 500 sacks cement. Finished cementing at 12:30 PM 10/18/35 and tore out rotary tools preparatory to standardizing while waiting on cement to set. Finished standardizing and rigging up cable tools on October 26th, and commenced bailing the hole down on that date. On drilling cement plug to 3421' cement job and casing tested OK. The hole was steel lined after cleaning out to bottom correcting the total depth from 3425' to 3421'. On October 28th, commenced drilling ahead as follows:
Lime, medium hard brown and grey crystalline	3421	3423	No saturation or porosity
Same	3423	3429	
Same	3429	3437	
Same	3437	3443	
Lime, hard dark grey	3443	3448	
Lime, medium soft grey	3448	3451	Little saturation and porosity - Gas estimated 5000 cubic feet - Showing 1 bailer free oil per hour and test showed 6 gallons water per hour. Shut down 5 hours and hole filled up 100' with oil.
Lime, medium hard grey	3451	3454	No saturation or porosity
Same	3454	3457	No increased
TOTAL DEPTH		3457'	Cleaned out to bottom and run 2" regular tubing set open end at 3445', and treated with 2000 gallons of Dowell
"X" acid solution on October 31st, as follows:			

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ACID TREATMENT NO. 1

Run in 105 barrels crude oil to fill hole. Finished filling hole with oil at 9:50 AM 10/31/35.

<u>TIME</u>						
9:55 AM	Had in 7 gallons blanket	- CP 0	TP 0			
9:57 "	Started in acid	- CP 0	TP 0			
10:10 "	Had 252 gals. acid in	- CP 200#	Tbg. 20"	Vacuum		
10:20 "	Had in 420 gals. acid	- CP 200#	" 20"	"		
10:25 "	" " 567 " "	- CP 210#	" 0			
Acid on bottom closed casing						
10:40 "	Had in 584 gals. acid	- CP 210#	TP 10#			
10:50 "	" " 672 " "	- " 300#	" 95#			
11:00 "	" " 798 " "	- " 300#	" 95#			
11:20 "	" " 1176 " "	- " 300#	" 16"	Vacuum		
11:30 "	" " 1260 " "	- " 300#	" 15"	"		
11:40 "	" " 1336 " "	- " 300#	" 15"	"		
11:50 "	" " 1428 " "	- " 200#	" 15"	"		
12:00 Noon	" " 1512 " "	- " 280#	" 75#			
12:10 PM	" " 1680 " "	- " 280#	" 75#			
12:20 "	" " 1840 " "	- " 280#	" 75#			
12:30 "	" " 2000 " "	- " 280#	" 65#			
Had all acid in						
12:35 "	Started in flushing oil	- " 300#	" 300#			
12:40 "	Had in 10 bbls. oil	- " 300#	" 312#			
12:50 "	" " 19 " "	- " 300#	" 325#			
1:00 "	" " 27 " "	- " 300#	" 300#			
1:25 "	" " 30 " "	- " 300#	" 300#			

Finished treatment at 1:25 PM 10/31/35 - Used 135 barrels crude oil, 7 gallons blanket and 2000 gallons Howell "X" acid solution during treatment.

The well was left shut in until 3:00 PM 11/1/35 at which time the well was opened starting 24 hours potential test. The well flowed 242 barrels oil during the following 24 hours for the present standing potential test, which gives an allowable of 78 BFD oil for the month of November 1935. The well is estimated good for around 150,000 cubic feet of gas per day since acid treatment.

SLOPE TEST DATA

<u>Depth</u>	<u>Angle of Deflection</u>
250'	0 Degrees
500'	0
750'	0
1000'	0
1250'	0
1500'	1
1750'	0
2000'	0
2250'	0
2500'	0
2750'	1
3000'	1
3250'	0

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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. 23 DISTRICT Rocky Mountain
 COUNTY Franklin AFE NO. 22222
 STATE Kansas

TYPE OF WORK PLUG AND ABANDON WELL

Date commenced May 31, 1967 Date completed June 6, 1967
 Deepened from 3457' to Surface Total Depth _____
 Plugged back from _____ to _____ P.B.T.D. _____
 Cleaned out from Shut Down to _____
 Production before _____ bbls. oil _____ bbls. water _____ cu. ft. gas.
 Production after Ralph Comstock Pipe Pulling bbls. oil _____ bbls. water _____ cu. ft. gas.
 Tools owned by: _____ Kind used: _____ 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. B'd. Casg.	
Production					
Liner					Top liner;

SIZE (D)	WT.	THDS.	KIND	COND.	LEFT IN				PULLED OUT					
					Jts.	LTM Feet	In.	WTM Feet	In.	Jts.	LTM Feet	In.	WTM Feet	In.
6-5/8"	22 1/2	10V	R2 SS	0	00	2008	11	2025	11	40	1407	0	1429	0

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 was Shut Down December 1, 1964, when it became uneconomical to operate, and as there are no further zones considered worthy of testing and the well is not needed for the waterflood program, regular authority was granted to plug and abandon it.

On May 31, 1967, moved in and rigged up casing pulling unit of Ralph Comstock Pipe Pulling, Inc. and plugged the well as follows:

Sand 3457' to 3390'
 20 sacks of cement 3390' to 3288'

Shot 6-5/8" OD casing at 1812', 1618', 1403'. Pulled 1419.59' of 6-5/8" casing.

Sand 3288' to 275'
 Rock bridge 275' to 265'
 10 sacks of cement 265' to (cement did not set)

Squeeze cemented 12 1/2" casing with 275 sacks of common cement, maximum CP-200%, minimum CP-150%. Found top of cement at 20'. Bailed and hole tested dry.

10 sacks of cement 20' to Base of collar
 Surface soil Collar to Surface

Plugged and abandoned June 6, 1967.