15-151-10502-0000

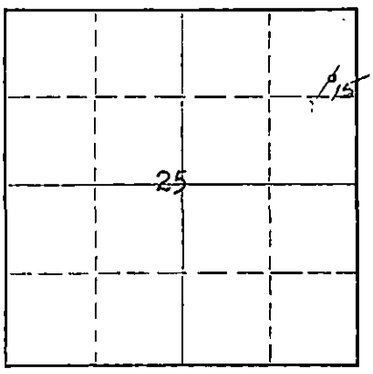
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

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

WELL PLUGGING RECORD

NORTH



Locate well correctly on above Section Plat

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

Location as "NE/CNW¼SW¼" or footage from lines 330' FSL 440' FEL N/2 NE/4

Lease Owner Skelly Oil Company

Lease Name Cunningham "B" Unit Well No. 15

Office Address 1860 Lincoln Street, Denver, Colo. 80203

Character of Well (completed as Oil, Gas or Dry Hole) Oil-Gas

Date well completed August 6, 1935

Application for plugging filed April 10, 1967

Application for plugging approved April 13, 1967

Plugging commenced June 15, 1967

Plugging completed June 20, 1967

Reason for abandonment of well or producing formation Depleted

If a producing well is abandoned, date of last production Shut Down 10/1 1966

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 3426' Bottom 3470' Total Depth of Well 3470' 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-Gas	3426'	3470'	12½"	314'8"	None
				7"	3437'3"	1611.40'

RECEIVED
STATE CORPORATION COMMISSION
AUG 21 1967
CONSERVATION DIVISION
Wichita, Kansas

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.

Fill up	3470' to 3452'
Sand	3452' to 3400'
20 sacks of cement	3400' to 3320'
Mud	3320' to 275'
Rock bridge	275' to 265'
40 sacks of cement	265' to 219'
Mud	219' to 40'
Rock bridge	40' to 30'
20 sacks of cement	30' to Base of cellar
Surface soil	Cellar to Surface

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

Name of Plugging Contractor Ralph Comstock Pipe Pulling, Inc.

Address 320 North 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 Street, Denver, Colo. 80203
(Address)

SUBSCRIBED AND SWORN TO before me this 17th day of August, 1967

Mary E. Lehman
Notary Public.

My commission expires My Commission expires June 17, 1970

jj

FORM 16-136 (REV. 9/60)

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 WELL NO. 15 DISTRICT Rocky Mountain

SEC. 25 T. 27S R. 11W COUNTY Pratt AFE NO. 22214

BLOCK ______ SURVEY ______ STATE Kansas

TYPE OF WORK PLUG AND ABANDON WELL

Date commenced June 15, 1967 Date completed June 20, 1967

Deepened from ______ to ______ Total Depth ______

Plugged back from 3470 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.

Tools owned by; Ralph Comstock Pipe Pulling, Inc. 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: Sacks Used	CEMENTING RECORD: Top Cem't. Bh'd. Cas'g.	REMARKS
Production					
Liner					Top liner;

SIZE OD	WT.	THDS.	KIND	COND	LEFT IN: Jts.	LEFT IN: LTM Feet	LEFT IN: LTM In.	LEFT IN: WTM Feet	LEFT IN: WTM In.	PULLED OUT: Jts.	PULLED OUT: LTM Feet	PULLED OUT: LTM In.	PULLED OUT: WTM Feet	PULLED OUT: WTM In.
7"	24#	10	R2 SS	[illegible]	58	1611	5	1626	5	46	[illegible]	0	[illegible]	0
7"	24#	10	R2 SS	D						6	184	6	18[illegible]	6

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 October 1, 1966, when it became uneconomical to operate. 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 June 15, 1967, moved in and rigged up casing pulling unit of Ralph Comstock Pipe Pulling, Inc. Ran steel line measurement and found hole filled up from 3470' to 3452'.

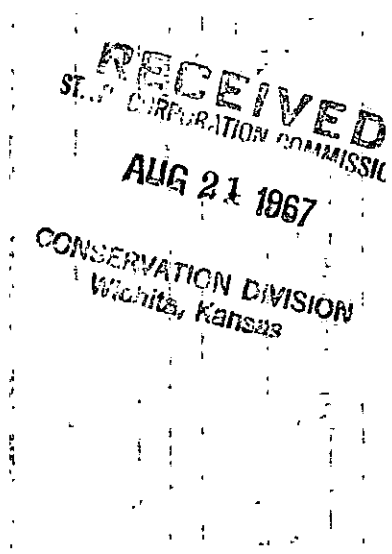
Sand	3452' to 3400'
20 sacks of cement	3400' to 3320'

Shot 7" casing at 1786' and 1593'. Pulled 52 joints (1611.40') of 7"OD casing.

Mud	3320' to 275'
Rock bridge	275' to 265'
40 sacks of cement	265' to 219'
Mud	219' to 40'
Rock bridge	40' to 30'
20 sacks of cement	30' to Base of cellar
Surface soil	Cellar to Surface

Plugged and abandoned 6/20/67.

33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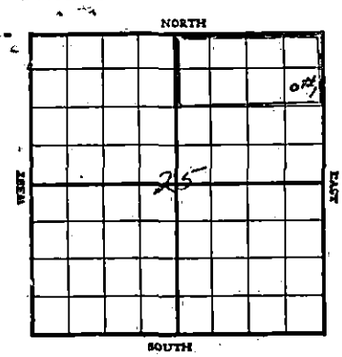
AUG 21 1967
CONSERVATION DIVISION
Wichita, Kansas

Form N-305—1



SKELLY OIL COMPANY

Cunningham "B" Unit
Well #15

Well Record

Lease Name and No. D. E. Krehbiel No. 14312 Well No. 1 Elev. 1712' DF

Lease Description S/2 SE/4 Sec. 24, and N/2 NE/4 Section 25-27S-11W,
Pratt County, Kansas.

Location made June 20th, 1935 By Pratt County Engineer

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

Rig com'd June 21st 1935 Rig comp'd June 25th 1935 Drlg. com'd June 29th 1925 Drlg. comp'd July 30th, 1935

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

Drilling Contractor Southern and Thurmond, Tulsa, Oklahoma

Rotary Drilling from 0 to 3426' Cable Tool Drilling from 3426' to 3470'

Commenced Producing Aug. 6th, 1935 { Initial Prod. before shot or acid Swabbed 2½ BPH Bbls.
Initial Prod. after shot or acid 155 BPD Bbls.

Dry Gas Well Pressure Volume Cu. ft.

Casing Head Gas Pressure Volume Estimated 80,000 (after acid treatment) Cu. ft.

Braden Head (12½" x 7" OD / Size) Gas Pressure Volume Cu. ft.

Braden Head (/ Size) Gas Pressure Volume Cu. ft.

PRODUCING FORMATION Lansing Lime (Name) Top 3426' Bottom 3470' TOTAL DEPTH 3470'

CASING RECORD

Size	Wt.	Thds.	Where Set	PULLED OUT Jts.	PULLED OUT Feet	PULLED OUT In.	LEFT IN Jts.	LEFT IN Feet	LEFT IN In.	KIND	Cond'n	CEMENTING Sacks Used	CEMENTING Method Employed
12½"	50#	8	320'	17			17	314'	8"	Lapweld	C	300	Halliburton Process
7" OD	24#	10	3422'	-			110	3437'	3"	Seamless	A	500	" "

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	8/3/35			
Acid Used / Size Shot	1500 Gals. Qts.	Gals. Qts.	Gals. Qts.	Gals. Qts.
Shot Between	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.
Size of Shell				
Put in by (Co.)	Dowell, Inc.			
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder				

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS From	GAS To	OIL From	OIL To	REMARKS
Lansing Lime	3426'	3470'					See formational record for details of pay sand

(See Sheet No. 2 for Formation Record)

Form 305—24

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS Indicate Caring Points, Describe Shows of Oil, Gas and Water, etc.
Sand	0	110	
Red Bed	110	245	
Red Bed, Sand and Shells	245	345	Set and cemented 12½" casing at 320' w/ 300 sax cement
Red Bed and Shale	345	630	
Shale and Shells	630	1030	
Salt and Shale	1030	1230	
Shale and shells	1230	1885	
Lime and Shells	1885	1940	
Shale and Lime Shells	1940	2000	
Lime	2000	2025	
Shale and Lime Shells	2025	2480	Steel line correction 2480' equals 2486' SLM
Shale and Lime	2486	2560	
Lime	2560	2630	
Lime, Shells and Shale	2630	2680	
Lime	2680	2755	
Shale and Lime Shells	2755	2880	
Lime	2880	2910	
Shale and Lime	2910	2950	
Shale and Lime Shells	2950	2965	
Lime	2965	2990	
Shale and Lime Shells	2990	3115	
Lime	3115	3125	
Shale	3125	3140	
Shale and Lime	3140	3205	
Shale and Lime Shells	3205	3315	Steel Line correction 3315' equals 3327' SLM
Lime and Shells	3320	3347	
Shale and Lime Shells	3347	3395	Steel Line correction 3395' equals 3397' SLM
Shale and Lime Shells	3395	3405	
Lime and Shale Breakes	3405	3417	

Cored 3417'-3434' - Recovered 5'

1st, 1' - Banded grey dolomitic shale and lime
Next 1' - Dense grey fossiliferous lime - Some porosity
Next 3' - Massive grey and brown lime with very porous streaks - Slightly saturated

TOP LANSING LIME		3426'	Reamed hole and set and cemented 7" OD casing at 3422' w/ 500 sax cement - Finished July 17th, 1935. It was necessary to shut down at this time while waiting on cable tool drilling in unit. This unit was rigged up and started bailing hole down July 27th, July 28th, drilled cement plug and casing and cement job tested OK. On 3 hours test, bailed 10 gals oil-Gas estimated 5,000 cu. ft. after which started drilling ahead.
Lime, medium hard grey w/ little grey shale	3434	3435	
Lime, medium hard grey	3435	3441	No saturation or porosity
Lime, medium soft grey w/ small amount brown lime	3441	3446	Saturation in brown lime - Showed 1/2 bailer free oil in 2½ hours while making this run
Lime, hard grey and dark shale	3446	3453	No saturation or porosity
Lime, grey and brown	3453	3459	1st, 3' hard, next 3' soft - Little saturation and porosity - Hole filled up 275' with oil in 3 hours while making this run
Lime, brown and grey w/ little dark shale	3459	3465	Last 2' soft - 1000' fluid in hole - No increase gas
Lime, soft grey	3465	3468	No increase oil or gas
Lime, medium hard brown and grey	3468	3470	No increase oil or gas
TOTAL DEPTH		3470'	

Form 305—3

Started swabbing at 5:00 AM 7-30-35, swabbed 20 bbls oil in 2 hours and well was swabbed down to bottom. Pulled swab seven times in seven hours from 10:00 AM to 5:00 PM during daylight July 30th, swabbing 17.44 barrels oil and the well was then made ready to run tubing and packer to treat with acid. On August 3rd, 6¼" Oilwell Packer was run on 2" regular tubing and set at 3446' with 3" tubing perforated extending to bottom, perforation plugged on bottom. On August 3rd, the well was treated with 1500 gallons of Dowell "X" acid solution, using 100.76 bbls. oil during treatment as follows:

ACID TREATMENT NO. 1

Pumped in 61.20 barrels of oil on top of packer which filled the casing to top. The treatment was started at 12:00 Noon 8/3/35 and ended 4:15 PM 8/3/35 - Used 1500 gallons Dowell "X" acid and 100.76 bbls. oil.

TIME	AMOUNT RUN IN			CP	TP	TIME
Run in 61.20 bbls. oil on top of packer						
12:00 Noon	Run in 7 gals.	blanket		0	0	12:00 Noon
12:00 "	Run in 20 "	acid		0	280#	12:10 PM
12:10 PM	" " 30 "	"		0	280#	12:20 "
12:20 "	" " 77 "	"		0	280#	12:40 "
12:40 "	" " 56 "	"		0	420#	1:15 "
1:15 "	" " 196 "	"		0	290#	2:05 "
2:05 "	" " 206 "	"		80#	130#	2:25 "
2:25 "	" " 252 "	"		40#	180#	2:48 "
2:48 "	" " 168 "	"		100#	200#	2:55 "
2:55 "	" " 495 "	"		80#	25#	3:10 "
Started flushing oil after treatment at 3:15 PM						
3:15 PM	Run in 4/64	bbls. oil	CP	0	Tbg.	22" Vacuum
3:20 "	" " 5.80	"	"	0	"	22" "
3:25 "	" " 5.80	"	"	25#	"	22" "
3:30 "	" " 5.80	"	"	25#	"	22" "
3:40 "	" " 3.60	"	"	25#	"	22" "
3:50 "	" " 4.64	"	"	25#	"	22" "
4:00 "	" " 5.80	"	"	25#	"	22" "
4:10 "	" " 3.48	"	"	25#	"	22" "

The casing pressure on the well when finished, was 25# and 22" vacuum on tubing. The well was shut in at 4:15 PM August 3rd, while waiting on acid to act.

On August 6th, tubing and packer were pulled and 2" tubing run back and set at 3446', the well flowed 62.32 barrels of oil while pulling and running tubing. The well was shut in until 9:50 AM 8/8/35 at which time 48 hours potential test was started. On 48 hours flowing test on potential, the well produced 310.18 barrels oil, giving a daily average of a fraction over 155 BPD - August allowable of 49.5 BPD.

SLOPE TEST DATA

Depth	Angle Of Deflection
250'	0 degrees
500'	1 "
750'	0 "
1000'	0 "
1250'	0 "
1500'	1 "
1750'	1½ "
2000'	1 "
2250'	1 "
2500'	1 "
2750'	1 "
3000'	1 "
3250'	1 "