

STATE OF KANSAS  
STATE CORPORATION COMMISSION

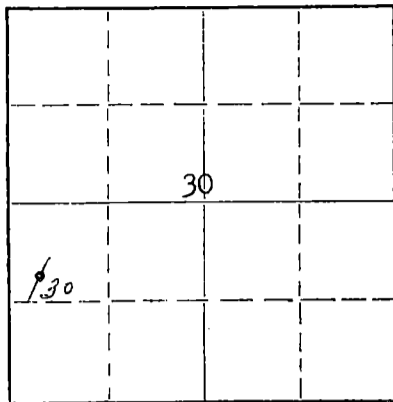
Form CP-4

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

Kingman County, Sec. 30 Twp. 27S Rge. (E) 10 (W)

Location as "NE/CNW/SW" or footage from lines SW/4 NW/4 SW/4  
Lease Owner Skelly Oil Company  
Lease Name Cunningham "B" Unit Well No. 30  
Office Address 1860 Lincoln Street - Denver, Colorado  
Character of Well (completed as Oil, Gas or Dry Hole) Oil - Gas  
Date well completed September 2, 19 40  
Application for plugging filed October 9, 19 67  
Application for plugging approved October 12, 19 67  
Plugging commenced November 10, 19 67  
Plugging completed November 13, 19 67  
Reason for abandonment of well or producing formation Uneconomical to operate



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production October 11, 19 66  
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 3404' Bottom Total Depth of Well 3462 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-Gas	3408'	3462'	8-5/8"	355' 11"	None
				5-1/2"	3427' 3"	2077' 9"

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	3462' to 3375'
20 sacks cement	3375' to 3235'
Mud laden fluid	3235' to 320'
Rock bridge	320' to 310'
25 sacks cement	310' to 235'
Mud laden fluid	235' to 40'
Rock bridge	40' to 30'
10 sacks cement	30' to Base of cellar
Surface soil	Cellar to Surface

DEC 12 1967  
Conservation Division

(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/producer) 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, Colorado 80203  
(Address)

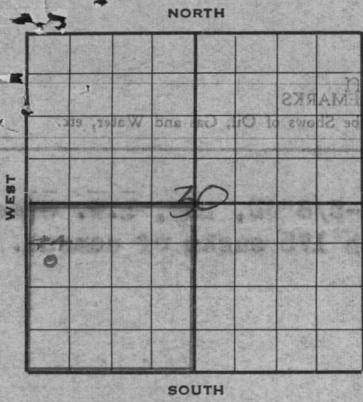
SUBSCRIBED AND SWORN TO before me this 7th day of December, 19 67

My commission expires June 17, 1970

Notary Public

15-095-00699-0000

# SKELLY OIL COMPANY



Cunningham "B" Unit  
Well No. 30

Well Record

Lease Name and No. Interurban R. Co. #7924 Well No. 4 Elev. 1658' DF  
 Lease Description SW/4, Section 30-27S-10W  
Kingsman County, Kansas  
 Location made August 10, 1940 by Kingman County Engineer  
835 feet from North line 330 feet from East line SW/4  
330 feet from South line 330 feet from West line of Sec. 30

Rig com'd Aug. 11, 1940 Rig comp'd Aug. 12, 1940 Drig. com'd Aug. 14, 1940 Drig. comp'd Aug. 30, 1940

Rig Contractor Rig built by drilling contractor

Drilling Contractor Ruso Drilling Company

Rotary Drilling from Top to 3415' Cable Tool Drilling from 3415' to 3462'

Commenced Producing Sept. 2, 1940 Initial Prod. before shot or acid 350' OIH in 4 hours Bbls.  
 Initial Prod. after shot or acid Flowed 8 hrs./2" tbg. 162.40 Bbls.  
Established 24 hr. S.C.C. potential of 437.20 bbls. oil

Dry Gas Well Press. Volume \_\_\_\_\_ Cu. ft.

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

Braden Head (8-5/8" x 1-1/2" OD) Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.

Braden Head ( \_\_\_\_\_ ) Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.

PRODUCING FORMATION Lansing Line (Name) Top 3408' Bottom 3462' TOTAL DEPTH 3462'

### 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
8-5/8" OD	28	8	360				18	355	11	Lapweld	"C"	175	Halliburton
5-1/2" OD	14	8 RT	3407				73	3427	3	Seamless	"A"	225	Halliburton
(8-5/8" casing set 8' in cellar and 5 1/2" casing is cased to derrick floor)													
(Used one 5 1/2" Combination Guide and Float Shoe)													

Liner Set at \_\_\_\_\_ Length \_\_\_\_\_ Perforated at \_\_\_\_\_  
 Liner Set at \_\_\_\_\_ Length \_\_\_\_\_ Perforated at \_\_\_\_\_

Packet Set at \_\_\_\_\_ Size and Kind \_\_\_\_\_

Packet Set at \_\_\_\_\_ Size and Kind \_\_\_\_\_

### SHOT OR ACID TREATMENT RECORD

	FIRST	SECOND	THIRD	FOURTH
Date	<u>August 31, 1940</u>			
Acid Used	<u>7000</u> Gals.			
Size Shot	<u>XO6.</u>			
Shot Between	<u>3407 Ft. and 3462 Ft.</u>			
Size of Shell				
Put in by (Co.)	<u>Morgan Co.</u>			
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder	<u>None</u>			

### SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
<u>Lansing Line</u>	<u>3404</u>				<u>3404</u>	<u>3408</u>	<u>Sli. porosity, no saturation</u>
					<u>3408</u>	<u>3462</u>	<u>Pay formation</u>

### CLEANING OUT RECORDS

	DATE COMMENCED	DATE COMPLETED	PROD. BEFORE	PROD. AFTER	REMARKS
1st	<u>01 24</u>	<u>11 24</u>	<u>1 24</u>	<u>8 21</u>	<u>See Reverse for other details.</u>
2nd	<u>01 24</u>	<u>01 24</u>	<u>0 24</u>	<u>0 21</u>	<u>" " " " "</u>
3rd	<u>01 24</u>	<u>01 24</u>	<u>0 24</u>	<u>0 21</u>	<u>" " " " "</u>
4th	<u>01 24</u>	<u>01 24</u>	<u>0 24</u>	<u>0 21</u>	<u>" " " " "</u>

### PLUGGING BACK AND DEEPENING RECORDS

	Date Commenced	Date Completed	No. Feet Plugged Back or Deepened	Prod. Before	Prod. After	REMARKS
1st	<u>01 24</u>	<u>01 24</u>	<u>0 24</u>	<u>0 21</u>	<u>0 21</u>	<u>See Reverse for other details.</u>
2nd	<u>01 24</u>	<u>01 24</u>	<u>0 24</u>	<u>0 21</u>	<u>0 21</u>	<u>" " " " "</u>
3rd	<u>01 24</u>	<u>01 24</u>	<u>0 24</u>	<u>0 21</u>	<u>0 21</u>	<u>" " " " "</u>
4th	<u>01 24</u>	<u>01 24</u>	<u>0 24</u>	<u>0 21</u>	<u>0 21</u>	<u>" " " " "</u>

(See Reverse for Record of Formation)



# RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Surface soil and sand	0	75	
Red bed and shells	75	360	Set and cemented 8-5/8" OD, 28' L.W. Steel casing at 360' with 175 sacks of cement.
Shells and shale	360	710	
Red bed and shale	710	975	
Salt	975	1060	
Shale	1060	1290	
Line	1290	1550	
Shale	1550	1590	
Line	1590	1910	
Shale	1910	1950	
Line	1950	2245	
Shale	2245	2555	
Line	2555	2585	
Shale	2585	2645	
Line	2645	2760	
Shale	2760	2960	
Line	2960	3010	
Shale	3010	3070	
Line	3070	3205	
Shale	3205	3265	
Dark grey shale	3265	3390	
Brown crystalline line	3390	3393	No shows
Dark grey shale	3393	3404	Top Lansing Line at 3404'
Grey crystalline line	3404	3408	Slight porosity, no saturation
Grey crystalline line	3408	3411	Slight porosity and saturation
Grey & brown fossiliferous line	3411	3415	Very porous and saturated
Drilled 7-7/8" hole to 3415'			Set and cemented 5 1/2" OD, 14' SS casing at 3407' with 225 sacks of cement. Finished cementing at 3:00 AM, 8/25/40 and while shut down waiting for cement to set, standardized and rigged up cable tools. Finished rigging up, bailed the hole down and drilled cement to 3397'. 5 1/2" casing tested OK, then reloaded hole with 500' of fresh water. Drilled cement plug and cleaned out to bottom then tested 3 hours, 1/2 barrel of oil with a slight show of gas.
Grey line	3415	3420	No increase in oil or gas
Same	3420	3425	
Same	3425	3430	Slight increase in gas
Grey line	3430	3435	Little porosity and saturation
Same	3435	3445	No increases
Brown & grey crystalline line	3445	3451	Little porosity and saturation
Same	3451	3457	Slight increase in oil and gas
Same	3457	3462	Little porosity & saturation - 300' OH in 2 hours.
Same	3462	3462	Little porosity & saturation - 350' OH in 4 hours.
<b>TOTAL DEPTH - 3462'</b>			Stopped drilling on August 30, 1940

On August 31st, treated with 7000 gallons of acid as follows:

**ACID TREATMENT NO. 1 - Between 3407' and 3462'**

Treatment put in by Morgan Acid Co., 8/31/40, using 7000 gallons of acid and 128 barrels of oil to fill hole and flush.

TIME	CP	TP	REMARKS:
1:33 PM			Filled hole with 93 barrels of oil then started acid in hole.
1:48 "	400#	50#	900 gallons of acid in tubing
1:58 "	300#	0#	1700 gallons of acid in tubing
2:08 "	300#	Vac.	2900 gallons of acid in tubing
2:18 "	250#	"	4000 gallons of acid in tubing
2:26 "	250#	"	5000 gallons of acid in tubing then ran in 23 gallons of filler and flushed with 14 barrels of oil
3:14 "	100#	Vac.	200 gallons of acid in hole
3:21 "	125#	"	1100 gallons of acid in hole
3:28 "	175#	"	2000 gallons of acid in hole then started oil in to flush
4:06 "	75#	"	Flushed hole with 35 barrels of oil to complete treatment. After acid treatment, flowed 1 1/2 hours thru 2" tubing, 45 barrels of cut oil and spent acid water.

On September 2nd, flowed 8 hours thru 2" tubing, 162.40 barrels of oil and no water to establish 24 hour State Corporation Commission potential of 487.20 barrels. This potential allows 48 barrels per day for the remainder of September, 1940. The gas from this well was not gauged due to the potential being flowed by gas lift.

SLOPE TEST DATA	CASING TALLY				
	8-5/8" OD	5-1/2" OD	5-1/2" OD	5-1/2" OD	5-1/2" OD
Angle	14	9	49	5	48
Depth	17	11	47	11	44
250'	19	8	45	1	46
500'	19	9	48	4	45
750'	19	10	47	3	45
1000'	19	5	47	6	48
1250'	18	5	45	8	48
1500'	17	9	46	0	45
1750'	19	5	45	8	48
2000'	19	5	45	4	48
2250'	22	8	46	2	48
2500'	21	3	48	2	48
2750'	20	11	48	4	48
3000'	21	0	45	11	48
3250'	21	5	44	7	48
	19	10	48	9	48
Total Deflections	48.4	9	45	5	48



# 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 #37 Unit  
 SEC. 30 T. 27S R. 10W  
 BLOCK \_\_\_\_\_ SURVEY \_\_\_\_\_

WELL NO. 30 DISTRICT Rocky Mountain  
 COUNTY Kingman AFE NO. 23275  
 STATE Kansas

### TYPE OF WORK PLUG AND ABANDON WELL

Date commenced November 10, 19 67 Date completed November 13, 19 67  
 Deepened from \_\_\_\_\_ to \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Plugged back from 3462' 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 Machine No. days rig time; Contr.  
 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. Casg.	
Production					
Liner					Top liner;

SIZE	WT.	THDS.	KIND	COND.	LEFT IN				PULLED OUT									
					Jts.	LTM		WTM		Jts.	LTM		WTM					
						Feet	In.	Feet	In.		Feet	In.	Feet	In.				
<u>5-1/2"</u>	<u>140</u>	<u>SR</u>	<u>RL, 2, 43, J55</u>	<u>CA</u>														
			<u>SS</u>	<u>D</u>	<u>22</u>	<u>1344</u>	<u>6</u>	<u>1349</u>	<u>6</u>	<u>51</u>	<u>2066</u>	<u>9</u>	<u>2077</u>	<u>9</u>				

### PRODUCING FROM

\_\_\_\_\_ thru OPEN HOLE PERFORATIONS \_\_\_\_\_ Total No. Shots \_\_\_\_\_  
 FORMATION \_\_\_\_\_ TOP \_\_\_\_\_ BOTTOM \_\_\_\_\_

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

As the well is no longer economical to operate and no further response can be expected from waterflooding, regular authority was granted to plug and abandon the well.

On November 10, 1967, moved in pulling machine of Ralph Comstock Casing Pulling, Inc. and plugged the well as follows:

Sand 3462' to 3375'  
 20 sacks cement 3375' to 3235'

Shot 5-1/2" casing at 2096'. Pulled 51 joints (2077.70') of 5-1/2" casing.

Mud laden fluid 3235' to 320'  
 Rock bridge 320' to 310'  
 25 sacks cement 310' to 235'  
 Mud laden fluid 235' to 40'  
 Rock bridge 40' to 30'  
 10 sacks cement 30' to Base of cellar  
 Surface soil Cellar to Surface

Plugged and abandoned November 13, 1967.