

See

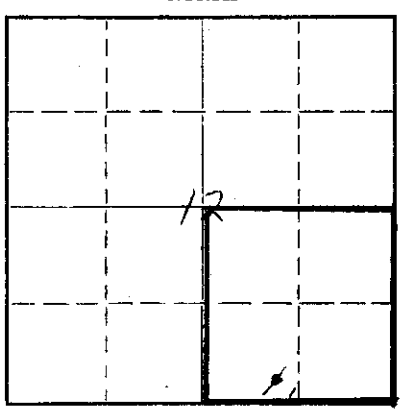
15-077-00191-00-00

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

Harper County, Sec. 12 Twp. 31S Rge. (E) 7 (W)  
Location as "NE/CNW/SW" or footage from lines SW/4 SE/4 SE/4  
Lease Owner Skelly Oil Company  
Lease Name M. V. Goheen Well No. 1  
Office Address Box 1650, Tulsa, Oklahoma  
Character of Well (completed as Oil, Gas or Dry Hole) Oil  
Date well completed May 8, 19 58  
Application for plugging filed June 24, 19 59  
Application for plugging approved June 30, 19 59  
Plugging commenced July 1, 19 59  
Plugging completed July 6, 19 59  
Reason for abandonment of well or producing formation Depleted oil well



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production June 4, 19 59  
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. Fred W. Hampel  
Producing formation Mississippi Lime Depth to top 4325 1/2 Bottom 4334 Total Depth of Well 4870 Feet  
Show depth and thickness of all water, oil and gas formations. PB 4334

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Mississippi Lime	Oil	4325 1/2'	4334'	8-5/8"	585'6"	None
				5-1/2"	4808'6"	3647'

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	4334' to 4300'
5 sacks of cement	4300' to 4260'
Mud	4260' to 240'
Rock	240' to 230'
20 sacks of cement	230' to 170'
Mud	170' to 35'
Rock	35' to 30'
10 sacks of cement	30' to 6'
Surface soil	6' to 0'

RECEIVED  
STATE CORPORATION COMMISSION  
07-14-1959  
JUL 14 1959  
CONSERVATION DIVISION  
Wichita, Kansas

(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) 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) [Signature]  
Box 391, Hutchinson, Kansas (Address)

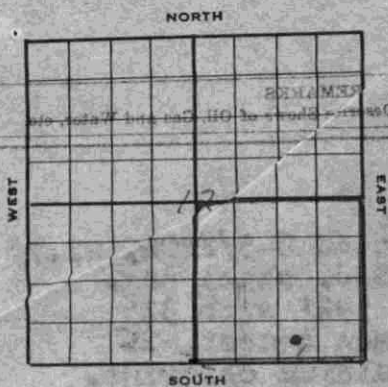
SUBSCRIBED AND SWORN TO before me this 13th day of July, 19 59

My commission expires April 7, 1963 [Signature] Notary Public.

PLUGGING  
FILE SEC 12 T. 31 S. R. 7 W  
BOOK PAGE 42 LINE 23

15-077-00191-00-00

# SKELLY OIL COMPANY



## Well Record

Lease Name and No. M. V. Cohee Well No. 1 Elev. 1521'  
 Lease Description SE/4 Section 12-313-7W,  
Harper County, Kansas (160 Acres)  
 Location made February 19 19 58 by J. D. Chambers  
 feet from North line 990 feet from East line SE/4  
330 feet from South line feet from West line of Sec. 12

Work com'd 3/3 19 58 Rig comp'd 3/6 19 58 Drlg. com'd 3/6 19 58 Drlg. comp'd 3/30 19 58

Rig Contractor Claude Wentworth Drlg. Co., Inc.

Drilling Contractor Claude Wentworth Drlg. Co., Inc., Tulsa, Oklahoma

Rotary Drilling from 0' to 0' Cable Tool Drilling from To complete to

Commenced Producing May 8, 19 58 Initial Prod. before shot or acid Show Bbls.

Initial Prod. after shot or acid PE 24 hrs., 12.10 and Bbls.  
58 to estab. 24 hr. 300 potential of

Dry Gas Well Press Volume 12 barrels Cu. ft.

Casing Head Gas Pressure Volume Cu. ft.

Braden Head (8-5/8" 51" 01) Gas Pressure Volume Cu. ft.

Braden Head (      ) Gas Pressure Volume Cu. ft.

PRODUCING FORMATION Mississippi Ln. Top 4325' Bottom 4334' TOTAL DEPTH 4870'  
 (Name) PE 4334'

### 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"	22.73	J	592'				15	585	6	Arnco SF A	A	325	Halliburton
5-1/2"	14	8R	4770'				15	4808	6	J55 R2 BS A	A	200	Halliburton
(8-5/8" casing set 3 1/2' in cellar and 5 1/2' cased to derrick floor)													
5 1/2" casing perforations open above PE TD:													
4325' - 4334' with 43 holes													
Below PE TD: None													

STATE COMMISSION  
 JUL 14 1958  
 CONSERVATION DIVISION  
 Wichita, Kansas

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>4/9/58</u>	<u>4/10/58</u>		
Acid Used				
Size Shot	<u>2 bbls.</u>			
Shot Between	<u>4325' Ft. and 4336' Ft.</u>	<u>4325' Ft. and 4336' Ft.</u>	<u>Ft. and Ft.</u>	<u>Ft. and Ft.</u>
Size of Shell				
Put in by (Co.)	<u>Halliburton</u>	<u>Halliburton</u>		
Length anchor				
Distance below Cas'g		<u>Sand-Oil-Frac</u>		
Damage to Casing or Casing Shoulder				

### SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Topeka	<u>2736'</u>						
Reebner Shale	<u>3240'</u>						
Kans. City Lime	<u>3764'</u>						
Marnaton	<u>4058'</u>						
Mississippi Ln.	<u>4323'</u>				<u>4325'</u>	<u>4334'</u>	
Simpson Sand	<u>4723'</u>						
Arbuckle Lime	<u>4842'</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)

PLUGGING  
 FILE SEC T R  
 BOOK PAGE LINE



# RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Surface soil and clay	0	40	
Red bed and clay	40	465	
Shale and shells	465	675	Set and cemented 8-5/8" OD, 22.7/ Arco S.W., S.J. steel csg. (A-cord.) at 192' with 325 sacks of common cement, 2% gal and 1% calcium chloride. Cement circulated. Finished cementing at 9:15 am 3/8/58.
Shale and shells	675	1000	TOP WELLINGTON 820'
Lime and shale	1000	3400	BASE WELLINGTON 1377'
			BASE DAVA 1955'
			TOP TOPKMA 2736'
			TOP BRENNER 3240'
Lime, shale and sand	3400	3515	
Lime and shale	3515	3827	TOP KANSAS CITY LIME 3764'
Lime	3827	3890	
Lime and shale	3890	4324	TOP MARMATON 4058'
			TOP MISSISSIPPI 4323'
Medium crystalline lime and slightly weathered chert	4324	4332	Poor porosity and fair
Lime and chert	4332	4342	stain
Weathered tripolitic, partly chalky chert	4342	4370	Fair porosity, poor spotted
			stain
			Run Halliburton drill stem test No. 1, used straddle packers, top packer set at 4324', bottom packer set at 4342', used 28" anchor, open 65 minutes, gas to surface in 11 minutes, gas gauged 175 MCF on opening, decreased to small show in 30 mins., recovered 30' of muddy oil, 60' of heavy oil and gas cut mud, and 120' of oil and gas cut mud, IBHP-1450', IFF-55', FFF-70', BHP-1440' in 20 minutes.
			Run Halliburton drill stem test No. 2, packer set at 4340', used 30" anchor, open 65 minutes, recovered 215' of heavily gas cut oil spotted muddy salt water, 180' of slightly gas cut salt water with some spots of oil and 240' of clear salt water, IBHP-1625', IFF-110', FFF-295', FBHP-1440' in 20 mins.
Lime and shale	4370	4490	
Lime	4490	4586	
Lime and shale	4586	4716	TOP KINDERHOOK SHALE 4594'

**Cored from 4716' to 4732' - Recovered 16'**

- Top 4' - Shale, black, spore-bearing, partly dolomitic, silty at base
- Next 3' - Shale, dark greenish-gray, dolomitic, slightly pyritic. Few spores
- Next 1' - Sand, dark gray, medium grained, tight, no shows
- Next 1' - Sand, gray, medium grained, partly pyritic, fractured, light, poor, spotted, light stain and fluorescence
- Next 2' - Sand, light gray, medium grained, partly dolomitic, scattered black shale particles, few black shale laminations, poor to fair porosity, poor, spotted, light stain and fluorescence.
- Next 3' - Sand, white, medium grained, partly phosphatic, partly dolomitic, scattered, black shale particles, several short vertical fractures, poor to fair porosity, poor, very spotted, faint stain and fluorescence.
- Next 2' - Sand, white, medium to coarse grained, friable, partly dolomitic, scattered black shale particles, good porosity, poor, very spotted faint stain and fluorescence.

Run Halliburton drill stem test No. 3 with packer set at 4723', used 49" anchor, open 36 minutes, strong blow of air throughout test, recovered 600' of gas, 2040' of salt water, IBHP-1790', IFF-135', FFF-1235', FBHP-1790' in 20 minutes.

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 R. \_\_\_\_\_  
 PLUGGING



Sand	4732 1/2	4749
Sand, shale and lime	4749	4783
Sand and shale	4783	4834
Lime, shale and sand	4834	4839
White, partly quartzitic and pyritic sand	4839	4842
Buff, fine to medium crystalline dolomite	4842	4870

Fair porosity, no shows  
**TOP ARBUCKLE LIME 4842'**  
 Poor to fair, partly vuggy porosity, no shows.  
 Ran Halliburton drill stem test No. 4, packer set at 4840', used 30' anchor, open 65 mins., fair blow of air throughout test, recovered 30' of watery mud and 175' of salt water, IHHP-1875', IFP-25', FFP-120', FBHP-1795' in 20 mins..

TOTAL DEPTH 4870'

Ran Schlumberger Survey

Ran Halliburton drill stem test No. 5, used straddle packers, set top packer at 4742', bottom packer at 4750', used 120' of anchor, open 35 minutes, strong blow throughout test, recovered 6' of watery mud, 2700' of salt water, IHHP-1790' in 20 mins., IFP-150', FFP-1370', FBHP-1790' in 20 mins.

Set and cemented 5 1/2" OD, 14', SR tbd., R-2, J-55, S.S. casing (A cond.) at 4770' with 200 sacks of common cement and 2% Gel. Finished cementing at 11:20 a.m. 4/1/58. Welox Temperature Survey showed top of cement behind 5 1/2" casing at 3690'.

Moved in and rigged up cable tools on April 7. Swabbed and bailed the hole dry to 4737 1/2' SLM, and 5 1/2" casing tested dry. Set Lane-Wells bridging plug at 4352' and plugged back with 1 sack of Cal-Seal from 4352' to 4346 1/2'. Perforated 5 1/2" casing from 4332' to 4336' with 24 holes by Lane-Wells. Bailed and tested 4 hours, 7 1/2 gallons of water with scum of oil per hour, increasing to 5 gallons of oil and 2 1/2 gallons of water per hour in 10 hours. Perforated 5 1/2" casing from 4325 1/2' to 4332' with 31 holes by Lane-Wells; tested 5 hours, 7 gallons of oil and no water per hour. Ran 5 gallons of starch blanket, then followed with 1 barrels of Halliburton MCA acid through 5 1/2" casing as follows:

ACID TREATMENT NO. 1 - Between 4325 1/2' and 4336'

Treatment put in 4/9/58 by Halliburton, using 1 barrel of acid and 106 barrels of oil.

TIME	CP	IP	REMARKS
9:50 pm			Start acid
10:12 pm	1600'		Acid on bottom
10:17 pm	1250'		Acid clear, treatment completed

Swabbed through 5 1/2" casing 5 hours, 106 barrels of oil used in treating and no water. Ran 2" tubing and set Halliburton HM packer at 4310'. Ran 10 gallons of starch blanket and Sand-Oil-Frac as follows:

SAND-OIL-FRAC TREATMENT NO. 1 - Between 4325 1/2' and 4336'

Used 750' of sand  
 12 barrels of heavy crude oil  
 150 barrels of regular crude oil to flush  
 Maximum IP-3300', minimum IP-1200'  
 Time 9 minutes

Flowed through 2" tubing with 45/64" choke 8 hours, 75 barrels of oil used in treating and no water, FIP-50'. On April 11, flowed through 2" tubing 1 hour, 38/64" choke, 5 barrels of oil used in treating and 4 barrels of formation water. Then flowed through 38/64" choke 23 hours, 42 barrels of formation oil and 96 barrels of water, gas gauged 75 MCF.

On April 12, swabbed through 2" tubing 24 hours, 20 barrels of oil and 94 barrels of water, gas gauged 75 MCF. On April 13, swabbed through 2" tubing 3 hours, 2 barrels of oil and 10 barrels of water. Loaded hole with 36 barrels of oil and pulled 2" tubing and HM packer. Bailed and cleaned out to 4346 1/2'. Plugged back with 15 gallons of Halliburton Latex cement from 4346 1/2' to 4334'.

PLUGGED BACK TOTAL DEPTH 4334'

PLUGGING  
 FILE SEC. T. R.  
 BOOK PAGE LINE



On April 14, swabbed through 5 1/2" casing 6 hours, 102 barrels of oil used to load hole and 34 barrels of water. On April 15, swabbed through 5 1/2" casing 15 hours, 18 barrels of oil used to load hole and 71 barrels of water. Then swabbed 9 hours, 7 barrels of formation oil and 36 barrels of water. On April 16, ran 2" tubing and rods and moved out cable tools, and shut down to install pumping equipment and tank battery.

DATE	HOURS PUMPED	BELS. OIL	BELS. WTR.	REMARKS
4/26/58	24	13	82	
4/27/58	24	12	80	
4/28/58	24	12	78	
4/29/58	24	16	70	
4/30/58	24	24	60	
5/1/58	20	29 1/2	40	
5/2/58	10	0	25	
5/3/58	24	12	60	
5/4/58	24	22	50	
5/5/58	24	13 1/2	58	
5/6/58	24	10 1/2	60	
5/7/58	24	10 1/2	60	

On May 8, POB 24 hours on State Corporation physical potential test, 12 barrels of oil and 58 barrels of water to establish 24 hour State Corporation Commission potential of 12 barrels.

SLOPE TEST DATA: Tests were taken at 250', 525', 750', 1000', 1275', 1550', 1835', 2075', 2475', 2750', 3000', 3410', and 3690' with no deviation from vertical noted.

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15-077-00191-00-00

202

N-136 Rev. 1M

# SKELLY OIL COMPANY

## REPORT OF 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 M. V. Cohen

WELL NO. 1 DISTRICT Western Kansas

SEC. 12 T. 313 R. 7W

COUNTY Harper JOB NO. 5076

SURVEY \_\_\_\_\_ BLOCK \_\_\_\_\_

STATE Kansas

CLEANING OUT RECORD				PLUGGING BACK OR DEEPENING RECORD			
Date commenced.....	19.....			Date commenced.....	July 1, 19 59		
Date completed.....	19.....			Date completed.....	July 6, 19 59		
Cleaned out from.....	to.....	T. D.....		Plugged back or deepened from.....	4334'	to.....	0' T. D. P. & A.
Prod. before.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	Prod. before.....	2.7 bbls. oil.....	26.3 bbls. water.....	cu. ft. gas.....
Prod. after.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	Prod. after.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....
Kind of tools used:.....				Kind of tools used:.....			
Tools owned by:.....				Tools owned by:.....	Ace Pipe Pulling Company		

### SHOT RECORD

Date	Size shot	Shot between	Size of shell	Put in by (Co.)	Length anchor	Distance below casing	Damage to casing or casing shoulder

### CHANGES IN 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
5-1/8"	148	82	6770'	116	3647	0	30	1161	6	J95 R2 85	B		

Liner set at..... Length..... Perforated at.....

Packer set at..... Size and kind.....

**PLUGGING**  
 FILE SEC.      T.      R.       
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Superintendent.

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

As the oil production did not merit continued operation of the property, regular authority was granted to plug the well.

On July 1, 1959, moved in plugging machine of Ace Pipe Pulling Company and plugged the well as follows:

Sand 4334' to 4300'

5 sacks of cement 4300' to 4260'

Loaded hole with oil and shot off 5 1/2" casing at 3655' and 3632'. Pulled 116 jts. (3647') of 5 1/2" OD, 14#, SR, R-2, J-55, S.S. casing (B cond.)

Mud 4260' to 240'

Rock 240' to 230'

20 sacks of cement 230' to 170'

Mud 170' to 35'

Rock 35' to 30'

10 sacks of cement 30' to 6'

Surface soil 6' to 0'

Plugged and abandoned July 6, 1959.

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
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