

STATE OF KANSAS  
STATE CORPORATION COMMISSION

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
800 Bitting Building  
Wichita, Kansas

WELL PLUGGING RECORD

Pratt County, Sec. 2 Twp. 28S Rge. (E) 11(W)

Location as "NE/CNW/SW" or footage from lines 670' FNL 26' FWL SE/4

Lease Owner Skelly Oil Company

Lease Name Armitstead "A" Well No. 1

Office Address Box 1650, Tulsa, Oklahoma

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

Date well completed July 12, 1940

Application for plugging filed June 18, 1952

Application for plugging approved June 19, 1952

Plugging commenced August 1, 1952

Plugging completed August 14, 1952

Reason for abandonment of well or producing formation Depleted gas well

If a producing well is abandoned, date of last production July 22, 1952

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. M. A. Rives

Producing formation Viola Lime Depth to top 4178' Bottom 4193' Total Depth of Well 4198 Feet

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	OD SIZE	PUT IN	PULLED OUT
Viola Lime	Gas	4178'	4193'	8-5/8"	404' 9"	None
				5-1/2"	4214' 0"	2781' 8"

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	4198' to 4101'
5 sacks of cement	4101' to 4061'
Mud laden fluid	4061' to 265'
75 sacks of cement	265' to 6'
Surface soil	6' to 0'

RECEIVED  
STATE CORPORATION COMMISSION  
AUG 29 1952 08-29-52  
CONSERVATION DIVISION  
Wichita, Kansas

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

Name of Plugging Contractor Barnes & Sons Pipe Pulling Co.  
Address Russell, Kansas

STATE OF Kansas, COUNTY OF Reno, ss.  
H. E. Wamsley (employee of owner) 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)

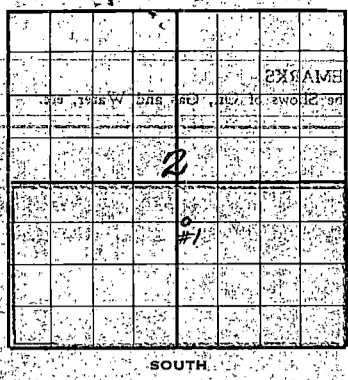
SUBSCRIBED AND SWORN TO before me this 28th day of August, 1952

My commission expires April 7, 1952

Josephine L. Johnson Notary Public.

PLUGGING  
FILE SEC 2 T 28 R 16W  
BOOK PAGE 24 LINE 26

# SKELLY OIL COMPANY



Lease Name and No. **Armitstead "A" 16576** Well No. **1** Elev. **1746'DE**  
 Lease Description: **3/8**  
 Location made **May 29, 1940** by **Conrad Randolph**  
**570** feet from North line **1/2 1/2** feet from East line  
**2665** feet from South line **300** feet from West line of **Sec. 2**

Rig com'd **June 8, 1940** Rig comp'd **June 12, 1940** Drlg. com'd **June 14, 1940** Drlg. comp'd **July 11, 1940**  
 Rig Contractor: **Rig built by drilling contractor**  
 Drilling Contractor: **Redine Drilling Company**

Rotary Drilling from **Top** to **4132'** Cable Tool Drilling from **4122'** to **4193'**

Commenced Producing **July 12, 1940** Initial Prod. before shot or acid: **Gas Well** Bbls.  
 Initial Prod. after shot or acid: **Before acid - 5,450 cu. ft.**  
**After acid - 20,000 cu. ft.**

Dry Gas Well Press **CP-11007** Volume **Before acid - 5,450 cu. ft.**  
**After acid - 20,000 cu. ft.**

Casing Head Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.  
 Braden Head **(2-3/8" Size 51700)** Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.

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

PRODUCING FORMATION **Viola lime** Top **4173'** Bottom **4193'** TOTAL DEPTH **4193'**

### 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
2-5/8" OD	208	9	400				11	400	9	elec. Weld "A"	"A"	100	Halliburton
2-1/2" OD	208	107	4100				120	3966	0	Seamless "C"	"C"	165	Halliburton
2-1/2" OD	148	88	4100				8	240	0	Seamless "A"	"A"	165	Halliburton
<b>(2-5/8" casing set 5' in collar and 5 1/2' casing is cement to derrick floor)</b>													
<b>(Used only, 2-1/2" Baker Combination Guide and Rest Shoe)</b>													

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	<b>July 15, 1940</b>			
Acid Used	<b>1000</b>			
Size Shot	<b>1000</b>			
Shot Between	<b>4100 Ft. and 4100 Ft.</b>			
Size of Shell				
Put in by (Co.)	<b>Halliburton</b>			
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder	<b>None</b>			

### SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
<b>Ab. Broad Lime</b>		<b>3350</b>					
<b>Lansing Lime</b>	<b>3525</b>				<b>3691</b>	<b>3503</b>	<b>Good porosity, slight saturation</b>
					<b>3712</b>	<b>3715</b>	<b>Good porosity &amp; saturation</b>
<b>Kinderhook Dolomite</b>	<b>4110</b>						
<b>Viola Lime</b>	<b>4173</b>	<b>4173</b>	<b>4173</b>	<b>4193</b>			<b>Main body pay formation.</b>

### 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)

# RECORD OF FORMATIONS

FORMATION	Record Well No.	TOP	BOTTOM	REMARKS
Shale	0	0		
Shale	38	104		
Shale	204	83		
Shale and cholla	553	777		
Shale	777	1091		
Shale	1080	1150		
Shale	1150	1331		
Shale	1450	1810		
Shale	1610	1720		
Shale	1720	1912		
Shale	1912	1930		
Shale and cholla	1930	2065		
Shale and cholla	2065	2145		
Sandy shale	2145	2353		
Shale	2353	2410		
Shale and cholla	2410	2885		
Shale and cholla	2885	3050		
Shale and cholla	3050	3703		
Shale	3703	3733		
Shale	3733	3823		
Sandy shale	3823	4043		
Shale	4043	4110		

## PLUGGING

FILE SEC 2 T 28 R 40  
BOOK PAGE 24 LINE 26

FORMATION	Record Well No.	TOP	BOTTOM	REMARKS
Gray chert and dark gray crystalline dolomite	3812	4122		
Dark gray crystalline dolomite	4122	4150		
Dolomite	4150	4190		

7-5/8" hole drilled to 3733'

7-5/8" hole drilled to 4122'

7-5/8" hole drilled to 4190'

7-5/8" hole drilled to 4122'

7-5/8" hole drilled to 4190'

TIME	REMARKS
10:00	Started acid in casing
10:15	200 gallons of acid in casing
10:32	600 gallons of acid in casing
10:58	800 gallons of acid in casing
10:44	1000 gallons of acid in casing
11:03	900 gallons of water in casing
11:22	1800 gallons of water in casing
11:29	1800 gallons of water in casing
11:40	2700 gallons of water in casing
11:51	3600 gallons of water in casing to complete treatment.

(See Reverse for Record of Formation)

Left well shut in until July 15th, when potential test was taken by the State Corporation Commission by U. S. Bureau of Mines method, however, in making calculations of readings it was found that they would not plot, therefore it was necessary for the Commission to retest the well on 7/27/40. Calculations of test taken on this date established a State Corporation Commission potential of 28,000 M cubic feet. GP-1180#. Potential to be effective as of July 15th, date of the first test.

This well was connected to the Cunningham Gasoline Plant high pressure system on August 7, 1940.

SLOPE TEST DATA

Depth	Angle (Degs.)	Horiz.	Vert.
250'	0		
500'	0		
750'	1/2	2.2	.0
1000'	0		
1250'	1/2	2.3	.0
1500'	0		
1750'	1/2	2.2	.0
2000'	1/2	2.2	.0
2250'	0		
2500'	0		
2750'	0		
3000'	0		
3250'	0		
3500'	0		
3750'	0		
4000'	1/2	2.2	.0

Total Deflections 11.0 .0

C A S I N G T A L L Y

8-5/8"OD	5-1/2"OD	5-1/2"OD	5-1/2"OD	5-1/2"OD
33 2	30.89	31.03	27.12	32.02
37 7	29.99	32.03	31.31	32.03
39 9	29.44	32.03	32.04	32.03
38 0	30.99	32.03	32.04	32.03
32 6	29.33	32.03	32.03	31.15
33 0	29.00	32.03	31.03	32.02
38 4	29.20	32.03	31.00	29.55
40 6	29.76	32.02	28.65	26.80
39 9	30.73	32.02	29.86	31.25
36 4	31.70	32.02	30.85	30.05
35 10	30.90	32.02	31.25	29.85
	28.85	32.03	31.18	30.22
	31.85	32.01	30.05	29.85
	31.70	32.02	30.02	31.10
	29.15	32.01	29.48	30.52
	31.63	32.02	31.12	18.58
	31.88	32.02	29.78	
	32.05	32.03	31.10	
	32.02	32.02	30.78	
	32.03	32.03	30.92	
	31.90	32.03	31.67	
	31.73	32.02	31.52	
	29.85	32.00	30.50	
	31.85	32.02	30.74	
	29.25	32.03	30.25	
	31.90	32.03	28.93	
	31.80	32.02	28.12	
	30.85	32.02	30.42	
	30.03	32.04	31.50	
	31.95	30.90	30.94	
	30.05	30.58	31.24	
	31.85	31.00	32.00	
	31.86	32.03	32.03	
	31.70	32.03	32.03	
	29.38	32.02	32.03	
	31.88	32.02	32.03	
	29.35	32.03	32.01	
	31.30	31.03	32.03	
	31.00	30.70	29.45	
	27.05	31.44	30.80	

404' 9"

4214' 0"

Set 3' in cellar

# 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 NAME Armitstead #1 (Pratt Co., Kans.) WELL NO: 1

CLEANING OUT RECORD					PLUGGING-BACK OR DEEPENING RECORD				
Date commenced.....	19				Date commenced.....	August 1,	19	52	
Date completed.....	19				Date completed.....	August 14,	19	52	
Cleaned out from..... to.....	T.D.				Plugged back or deepened from.....	4198'	to.....	0'	T.D. P & A
Prod. before.....	oil.....	bbls.....	water.....	cu. ft..... gas.....	Prod. before.....	oil.....	bbls.....	water.....	cu. ft..... gas.....
Prod. after.....	oil.....	bbls.....	water.....	cu. ft..... gas.....	Prod. after.....	oil.....	bbls.....	water.....	cu. ft..... gas.....
Kind of tools used:.....					Kind of tools used:.....	Cable			
Tools owned by:.....					Tools owned by:.....	Barnes & Sons			

### 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
		Qts.	Qts.	Qts.	Qts.		
		Ft. and Ft.	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.

### 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 1/2" OD	20 7/8	10V	4180 1/2'	91	2781	8 1/2"	45	1432	4	R2 B3	0		

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

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

REMARKS (Give review of work accomplished and any other comment of interest) On August 1, 1952, moved in tools of Barnes and Sons, and plugged the well as follows:  
Sand 4198' to 4101'  
5 sacks of cement 4101' to 4061'  
Ripped 5 1/2" casing at 3310', 3220', 3050', 2950', and 2772'. Pulled 91 joints (2781' 8") of 5 1/2" OD, 20 7/8, 10V thd., 8-3, 8 1/2" casing (C cond.)  
 (Use reverse side for continuation of remarks and for formation record).

STATE COMMISSION  
 AUG 29 1952  
 CONSERVATION DIVISION  
 Wichita, Kansas

Superintendent.

REMARKS (Continued)

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RECORD OF FORMATIONS

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

Mud laden fluid		4051'	to	265'
75 sacks of cement	o	265'	to	6'
Surface soil		6'	to	0'

Plugged and abandoned August 14, 1952.