

WELL PLUGGING RECORD

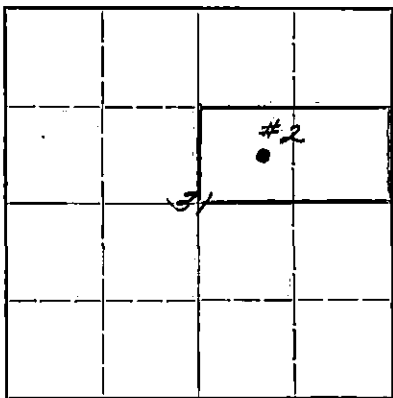
FORMATION PLUGGING RECORD

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

OR 15-009-05516-0000  
Strike out upper line when reporting plugging of formations.

Barton County, Sec. 31, Twp. 16S, Rge. (E) 11 (W)

Location as "NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines C E $\frac{1}{2}$  SW $\frac{1}{4}$  NE $\frac{1}{4}$   
Lease Owner Skelly Oil Company  
Lease Name Frank R. Valenta Well No. 2  
Office Address Box 391, Hutchinson, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed October 8 19 45  
Application for plugging filed October 8 19 45  
Application for plugging approved October 17 19 45  
Plugging commenced October 28 19 45  
Plugging completed October 28 19 45  
Reason for abandonment of well or producing formation Dry Hole



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production 19...  
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 H. W. Kerr 3399' PB  
Producing formation Depth to top Bottom Total Depth of Well 3375' 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
Douglas Sand	Dry	3017'		8-5/8"OD	331'9"	None
Ft. Dodge Lime	"	3042'		5-1/2"OD	3412'4"	2550'2"
Lansing Lime	"	3092'				
Conglomerate	"	3343'				
Arbuckle Lime	"	3387'				

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.

Drushed rock 3375' to 3280'  
6 sacks of cement 3280' to 3250'  
Mud laden fluid 3250' to 230'  
Wood plug and 15 sacks cement 230' to 190'  
Mud laden fluid 190' to 10'  
Wood plug and 5 sacks cement 10' to 6'  
Surface soil 6' to 0.

PLUGGING  
FILE NO. 31 16S 11W  
BOOK PAGE 28 LINE 17

11-27-45

(If additional description is necessary, use BACK of this sheet)  
Correspondence regarding this well should be addressed to Skelly Oil Company  
Address Box 391, Hutchinson, Kansas

STATE OF KANSAS, COUNTY OF RENO  
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) Josephine L. Johnson

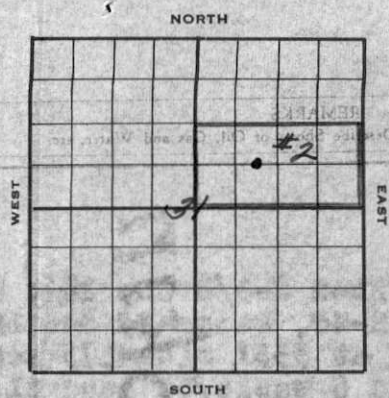
Box 391, Hutchinson, Kansas

SUBSCRIBED AND SWORN to before me this 26th day of November, 19 45

My commission expires April 7, 1947.

Notary Public.

# SKELLY OIL COMPANY



## Well Record

Lease Name and No. Frank R. Valenta Well No. 2 Elev. 1915' DP  
 Lease Description 3/2 NE/4 Sec. 31-163-11W,  
Barton County, Kansas  
 Location made August 20 19 45 by Barton County Engineer  
 \_\_\_\_\_ feet from North line \_\_\_\_\_ feet from East line  
660 feet from South line 990 feet from West line of Lease

Work com'd Sept. 2 19 45 Rig comp'd Sept. 3 19 45 Drlg. com'd Sept. 4 19 45 Drlg. comp'd Sept. 17 19 45

Rig Contractor Claude Wentworth Drilling Company  
 Drilling Contractor Claude Wentworth Drilling Company, Tulsa, Oklahoma

Rotary Drilling from Top to 3399' Cable Tool Drilling from \_\_\_\_\_ to \_\_\_\_\_

Commenced Producing Dry Hole 19 \_\_\_\_\_ { Initial Prod. before shot or acid \_\_\_\_\_ Bbls.  
 Initial Prod. after shot or acid Dry Hole \_\_\_\_\_ Bbls.

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

Casing Head Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.

Braden Head (8-5/8" 551' OD) Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.

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

PRODUCING FORMATION Dry Hole (Name) Top \_\_\_\_\_ Bottom \_\_\_\_\_ TOTAL DEPTH 3399'  
3375'

### 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	335'				11	331	9	H40 R2 33	A	175	Halliburton
5-1/2" OD	14	8	3380'				3	96	9	H40 R2 33	B	125	Halliburton
			17' 33292' 3"	2550	2	27	765	3	H40 R2 33	B			
5-1/2" OD casing perforated: 41 holes between 3365-71' and 84 holes between 3340'-3301'.													

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

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

Packer Set at \_\_\_\_\_ Size and Kind \_\_\_\_\_

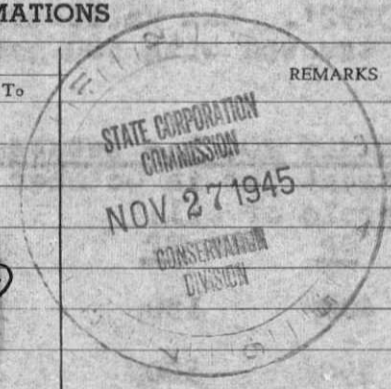
Packer Set at \_\_\_\_\_ Size and Kind \_\_\_\_\_

### SHOT OR ACID TREATMENT RECORD

	FIRST	SECOND	THIRD	FOURTH
Date	<u>October 4, 1945</u>	<u>October 6, 1945</u>		
Acid Used				
Size Shot	<u>500</u>	<u>3000</u>		
Shot Between	<u>3365 Ft. and 3371 Ft.</u>	<u>3280 Ft. and 3371 Ft.</u>		
Size of Shell				
Put in by (Co.)	<u>Halliburton</u>	<u>Halliburton</u>		
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder	<u>None</u>	<u>None</u>		

### SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Douglas Sand	3017'						
Ft. Dodge Line	3042'						
Lansing Line	3092'						
Conglomerate	3343'						
Arbuckle	3337'						
				<u>31</u>	<u>16</u>	<u>11W</u>	
				<u>28</u>	<u>17</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)

# RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Surface soil, sand and shale	0	84	
Shale	84	320	
Shale and shells	320	335	Set and cemented 5-5/8" OD, 28', 3rd grade H-40, Range 2, seamless steel casing at 335' with 175 sacks of cement and 5 bags aquagel.
Shale and shells	335	550	
Shale and shells	550	600	
Shale and shells	600	765	
Anhydrite	765	783	
Shale	783	1085	
Shale and shells	1085	1420	
Lime	1420	1430	
Shale	1430	1540	
Lime	1540	1620	
Broken lime	1620	1715	
Lime and shale	1715	1850	
Broken lime	1850	1988	
Lime and shale	1988	2188	
Shale and shells	2188	2260	
Lime and shale	2260	2375	
Shale and shells	2375	2530	
Shale	2530	2620	
Broken lime	2620	2710	
Lime	2710	2829	
Lime and shale	2829	2875	
Lime	2875	2991	
Lime and shale	2991	3010	
Lime	3010	3050	TOP DOUGLAS LIME 3017'
Lime and shale	3050	3127	TOP WY. DOUGLAS LIME 3042'
			TOP LANSING LIME 3092'
Lime	3127	3165	
Lime and shale	3165	3175	
Lime	3175	3339	(Lansing-Kansas City lime probable pays 3292-3304' and 3368-3373')
Lime and chert	3339	3368	TOP DOLOMITE 3343'
Grey chert, shale and sandy lime conglomerate	3368	3387	TOP ARBUCKLE LIME 3387'
Dense coarsely crystalline dolomite	3387	3391	No porosity or saturation
Medium soft coarsely crystalline dolomite	3391	3399	

### ACID TREATMENT RECORD

FOURTH	THIRD	SECOND	REMARKS
			On October 4th perforated 5 1/2" casing by Lane-wells with 41 holes from 3365' to 3371', no shows; with 84 holes from 3280' to 3301', show of rot from 3286' to 3292'. Ran Halliburton acid set packer at 3360'. On this date treated with 500 gallons of Halliburton acid from 3365' to 3371' as follows:
<b>ACID TREATMENT NO. 1 - Between 3365' and 3371'</b>			
Treatment put in October 4, 1945, by Halliburton, using 500 gallons acid and 75 barrels of oil:			
<b>TIME</b>	<b>CP</b>	<b>BP</b>	<b>REMARKS</b>
12:10 PM			Well filled with oil and started acid in
12:30 PM	400'	150'	500 gallons acid in hole and 50 barrels of oil
1:00 PM			Started passing into formation at 500'
1:15 PM	750'	500'	All acid in formation, and indications were of communication

Reaction indicated acid was admitted between perforations. Raised packer to 3236' and set packer at this point, then mudded through 2" tubing 1 hour and swabbed to bottom, 12 barrels of oil and no water. Swabbed off bottom 4 hours, 1-1/2 barrels oil and no water. On October 6th acidized below packer with 3000 gallons of Halliburton as follows:

<b>ACID TREATMENT NO. 2 - Between 3280' and 3371'</b>			
Treatment put in October 6, 1945, by Halliburton, using 3000 gallons acid and 14 barrels of oil:			
<b>TIME</b>	<b>CP</b>	<b>BP</b>	<b>REMARKS</b>
5:15 PM	1250'	1000'	1000 gallons acid in hole
5:20 PM	1250'	1000'	1500 gallons acid in hole
5:25 PM	1250'	900'	1900 gallons acid in hole
5:30 PM	1250'	900'	2700 gallons acid in hole
5:32 PM	1250'	900'	3000 gallons acid in hole
5:48 PM			Hole flushed with 14 barrels oil and treatment complete

After acid treatment, swabbed through 2" tubing 10 hours off bottom, 5 barrels oil and 10 barrels acid water.

On October 6th swabbed through 2" tubing 6 hours off bottom, 1/4 barrel oil and 12 barrels water. After this test pulled tubing and packer and shut down for orders since no other zones in the hole indicated oil or gas production in commercial quantities during the drilling of the well.

On October 8, 1945, formal authority was granted to plug and abandon the well. On October 28th the well was plugged as follows:

*Galena*

*Fidelity*

*Galena*

*Fidelity Union Skin*

*MADE IN U.S.A.*

Crushed rock	3375'	to	3280'
6 sacks of cement	3280'	to	3250'
Mud laden fluid	3250'	to	230'
Wood plug and 15 sacks cement	230'	to	190'
Mud laden fluid	190'	to	10'
Wood plug and 5 sacks cement	10'	to	6'
Surface soil	6'	to	0.

SLOPE TEST DATA

DEPTH	ANGLE OF DEFLECTION	
250'	0	Degrees
500'	0	"
750'	0	"
1000'	0	"
1250'	0	"
1500'	0	"
1750'	0	"
2000'	0	"
2250'	0	"
2500'	0	"
2750'	0	"
3000'	0	"
3250'	0	"



PLUGGING  
 FILE 31 16 116  
 BOOK 28 17