

STATE OF KANSAS  
STATE CORPORATION COMMISSION

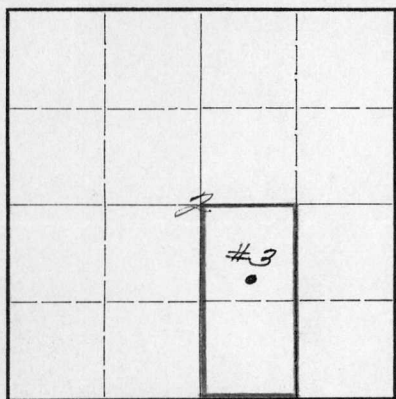
WELL PLUGGING RECORD

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

OR  
FORMATION PLUGGING RECORD

Strike out upper line  
when reporting plug-  
ging off formations.

Stafford County, Sec. 2 Twp. 24S Rge. 11 (E) 11 (W)  
Location as "NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines C S $\frac{1}{2}$  NW $\frac{1}{4}$  SE $\frac{1}{4}$   
Lease Owner Skelly Oil Company  
Lease Name L. McNickle Well No. 3  
Office Address Box 391, Hutchinson, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Oil Well  
Date well completed September 26 19 40  
Application for plugging filed November 27 19 44  
Application for plugging approved December 4 19 44  
Plugging commenced August 5 19 45  
Plugging completed August 11 19 45  
Reason for abandonment of well or producing formation Depleted oil well  
If a producing well is abandoned, date of last production November 20 19 44  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well H. W. Kerr  
Producing formation Viola Lime Depth to top 3689' Bottom 3727' Total Depth of Well 3750 Feet  
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

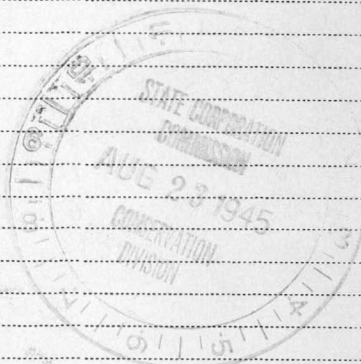
CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
Viola Lime	Oil	3689'	3727'	13"OD	189'2"	None
				10-3/4"OD	274'5"	"
				5 1/2"OD	3719'0"	3061'1"

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 hold. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

10 sacks cement 3750' to 3710'  
Mud laden fluid 3710' to 3689'  
Wood plug and 10 sacks cement 3689' to 3640'  
Mud laden fluid 3640' to 250'  
Wood plug and 20 sacks cement 250' to 220'  
Mud laden fluid 220' to 15'  
Wood plug and 9 sacks cement 15' to 5'  
Surface soil 5' to 0.

PLUGGING  
FILE 2-24-11W  
BOOK PAGE 141 LINE 15-



(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, ss.  
H. E. Wamsley (employee of owner) Skelly Oil Company

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) [Handwritten Signature]

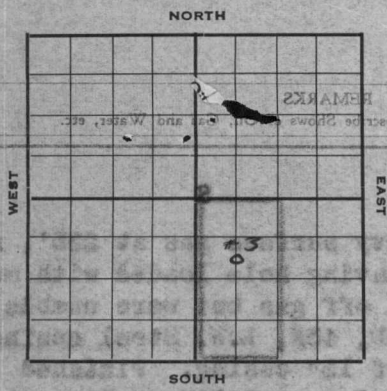
Box 391, Hutchinson, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 23rd day of August, 19 45

My commission expires April 7, 1947.

Josephine L. Johnson Notary Public.

# SKELLY OIL COMPANY



Well Record

Lease Name and No. **L. McNickle #19530** Well No. **3** Elev. **1806' DF**

Lease Description **W/2 SE/4, Section 2-245-11W**

**Stafford County, Kansas**

Location made **August 14, 1940** by **Floyd Kent**

feet from North line \_\_\_\_\_ feet from East line **57/4**

**1650** feet from South line **660** feet from West line of **Sec. 2**

Rig com'd **Aug. 18, 1940** Rig comp'd **Aug. 20, 1940** Drlg. com'd **Aug. 22, 1940** Drlg. comp'd **Sept. 25, 1940**

Rig Contractor **Rig built by drilling contractor**

Drilling Contractor **Bodine Drilling Company, Great Bend, Kansas**

Rotary Drilling from **Top** to **3692'** Cable Tool Drilling from **3692'** to **3750'**

Commenced Producing **September 26, 1940** Initial Prod. before ~~shot~~ acid **Flowed 10 bbls. oil per hr.** Bbls.

Dry Gas Well Press \_\_\_\_\_ Volume **Established maximum 24 hr. S.C.C. potential of 3000 bbls.** Cu. ft.

Casing Head Gas Pressure \_\_\_\_\_ Volume **Before acid-200,000** Cu. ft.

Braden Head (**13"X10-3/4"OD**) Gas Pressure \_\_\_\_\_ Volume **After acid-784,000** Cu. ft.

Braden Head (**10-3/4"X5-1/2"OD**) Gas Pressure \_\_\_\_\_ Volume \_\_\_\_\_ Cu. ft.

PRODUCING FORMATION **Viola Line** (Name) Top **3669'** Bottom **3727'** TOTAL DEPTH **3750'**

### 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
13"OD	45#	8	193				7	189	2	Lapweld	"C"	450	Halliburton
10-3/4"	35#	8	270				15	274	5	Lapweld	"C"	80	Halliburton
5-1/2"OD	17#	8R	3689				120	3719	0	R.E.W.	"A"	150	Halliburton
(13" casing set 7' in cellar; 10-3/4" casing set 1' in cellar and 5 1/2" cased to DF.)													
(Used one 5-1/2"OD Baker 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	<b>Sept. 28, 1940</b>			
Acid Used	<b>8000</b>	Gals.	Gals.	Gals.
Size Shot	<b>100</b>	Qts.	Qts.	Qts.
Shot Between	<b>3689' Ft. and 3750' Ft.</b>	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.
Size of Shell				
Put in by (Co.)	<b>Morgan</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>Lensing Line</b>	<b>3329</b>				<b>3365</b>	<b>3369</b>	<b>Porous and stained</b>
					<b>3405</b>	<b>3410</b>	<b>Porous and stained</b>
					<b>3442</b>	<b>3447</b>	<b>Porous and stained</b>
<b>Viola Line</b>	<b>3680</b>				<b>3680</b>	<b>3683</b>	<b>Porous and stained</b>
					<b>3683</b>	<b>3687</b>	<b>Sl. porosity &amp; saturation</b>
					<b>3689</b>	<b>3727</b>	<b>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)

12-182-1013-0000

Form 147A Rev. 5-20-12-39

RECORD OF FORMATIONS

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

Encountered heavy surface gas at 235', not gauged due to having hole loaded with mud. Tried to set 10-3/4" OD casing on top of gas zone in order to cement off gas but were unable to find seat for casing. Reamed hole to 193' and set and cemented 13" OD, 45/8", L.W. Steel casing at 193' with 300 sacks of cement through 2" pipe run along outside of 13" casing. Finished cementing at 3:30 PM, 8/24/40 and SD WOC. Started up August 27th and tested 13" casing and circulated around 13" with 750/ pressure. On this date recemented with 150 sacks. Let cement set until 8/30/40 then ran, set and cemented 10-3/4" OD, 55/8", L.W. Steel casing at 270' with 80 sacks of cement.

Red bed	280	675	
Red bed and shale	675	790	
Shale and lime	790	930	
Shale and shells	930	1050	
Salt	1050	1300	
Shale and shells	1300	1375	
Broken lime	1375	1485	
Lime	1485	1750	
Sandy lime	1750	1855	
Shale	1855	1970	
Broken lime	1970	2065	
Lime and shale	2065	2185	
Broken lime	2185	2310	
Shale	2310	2345	

FORMATION	TOP	BOTTOM	PULLED OUT				W. Sec	T. Sec	W. T. Sec	S. Sec
			Feet	In.	Sec	Feet				
Lime and shale	2345	2485								
Shale	2485	2565								
Lime	2565	2690								
Shale	2690	2805								
Lime and shale	2805	2845								
Lime	2845	2925								
Black shale	2925	2950								
Broken lime	2950	3040								
Lime	3040	3160								
Shale and lime	3160	3200								
Lime	3200	3255								
Shale and lime	3255	3300								
Brown shaley lime	3300	3329								

Top Lansing Lime at 3329' Porous and stained  
 Porous and stained  
 Porous and stained  
 Porous and stained  
 No shows  
 Top Viola Lime at 3680' Porous and stained  
 Slight porosity and saturation  
 No saturation  
 Good porosity and saturation  
 Set and cemented 5 1/2" OD, 17/8", Electric Weld Steel casing at 3689' with 150 sacks. Finished cementing at 4:00 AM, 9/15/40, and while SD WOC, standardized and rigged up cable tools. Finished rigging up and on Sept. 22nd, bailed the hole down and drilled cement plug to 3670'. 5 1/2" casing tested OK, then reloaded hole with fresh water, drilled cement plug, cleaned out to bottom and cement job tested OK.

Grey chert and crystalline Dolomite	3692	3697	
Same	3697	3701	
Light chert and dolomite	3701	3705	Slight porosity and saturation
Same w/ 20% dolomite	3705	3711	

Light grey chert and brown dolomite	3711	3717	Deniated, gas shows
Brown dolomite w/ little light chert	3717	3727	Slight porosity and saturation
Light grey dolomite with little light chert	3727	3737	No porosity or saturation
Light grey and brown dolomite	3737	3745	Slight porosity and saturation
Light dolomite with little chert	3745	3750	No porosity or saturation

PLUGGING BACK AND DEEPENING RECORDS  
 Run 2 1/2" tubing September 25th to 3749' and tried to swab well in thru 2 1/2" tubing but swab would not go below 1350'. Pulled tubing and steamed out paraffin then reran tubing to 3749'. Swabbed well in thru 2 1/2" tubing and well started flowing by heads, 10 barrels of oil per hour and gas gauged 200 M cubic feet.

(See Reverse for Record of Formation)

On September 28th, treated with 8000 gallons of acid as follows:

ACID TREATMENT NO. 1 - Between 3639' and 3750'

Treatment put in by Morgan Acid, Inc., 9/28/40, using 8000 gallons of Morgan acid and 125 barrels of oil to fill hole and flush.

TIME	OP	FP	REMARKS:
10:35 AM			Filled hole with 91 barrels of oil then started acid in.
10:50 "			1070 gallons of acid in hole, acid on bottom
10:52 "	350#	200#	1800 gallons of acid in hole
10:55 "	500#	200#	2450 gallons of acid in hole
10:58 "	350#	200#	3250 gallons of acid in hole
11:06 "	200#	200#	4450 gallons of acid in hole
11:07 "	200#	100#	4650 gallons of acid in hole
11:11 "	150#	50#	5550 gallons of acid in hole
11:21 "	150#	50#	8000 gallons of acid in hole then started oil in
11:55 "	125#	10" Vac.	Flushed hole with 35 barrels of oil to complete treatment.

After acid treatment, left well shut in for 2 hours then ran swab 4 times and well started flowing thru tubing. Flowed into pits 1 hour, estimated 75 barrels of cut oil and acid water to clean up hole, gas gauged 1,875 M cubic feet, then shut in to take potential test 10/2/40, potential to be effective 9/30/40 due to waiting for S.C.C. umpire.

On October 2, 1940, started S.C.C. potential using bottom hole pressure method, flowed thru 2 1/2" tubing 8 hours, 344.70 barrels of oil and no water which indicated 24 hour productivity to be 28,275 barrels to establish maximum S.C.C. 24 hour potential of 3000 barrels. Gas gauged 784,000 cubic feet. As mentioned above, this potential effective 9/30/40 and the allowable for this 1 day remaining in September, was 54 barrels.

SLOPE TEST DATA

Depth	Angle (Degs.)	Horiz.	Vert.
250'	0		
500'	0		
750'	1/2	2.2	.0
1000'	1	4.4	.1
1250'	1/2	2.2	.0
1500'	1/2	2.2	.0
1750'	1/2	2.2	.0
2000'	1/2	2.2	.0
2250'	1/2	2.2	.0
2500'	1/2	2.2	.0
2750'	1/2	2.2	.0
3000'	1	4.4	.1
3250'	1/2	2.2	.0
3500'	1/2	2.2	.0
Total Deflections		30.8	.2

13"OD	10-3/4"OD	5-1/2"OD	5-1/2"OD	5-1/2"OD	5-1/2"OD
	20 6	31 9	30 8	31 5	30 11
29 5	26 8	29 8	29 8	32 0	31 11
29 3	22 2	30 2	30 10	28 9	31 11
28 4	19 7	31 8	29 4	31 11	31 1
29 3	20 6	28 6	29 9	31 6	31 7
29 2	19 5	31 6	30 9	31 8	31 6
29 10	15 9	31 0	31 8	31 6	32 0
20 11	17 7	31 3	31 10	31 6	31 3
	15 6	31 9	31 2	30 9	28 4
	17 8	31 9	30 9	31 8	30 8
	18 11	31 0	31 4	31 5	31 3
	20 2	31 11	30 11	30 11	31 5
	15 10	31 8	27 6	29 10	29 7
	18 0	31 1	30 11	30 6	31 4
	6 1	30 10	30 7	31 8	31 2
		30 3	32 1	30 7	31 2
		31 3	31 0	31 4	31 9
		31 7	28 5	31 7	31 4
		31 10	31 11	31 4	31 10
		31 5	30 1	31 11	31 6
		31 5	30 10	32 3	31 3
		31 10	30 2	31 11	30 8
		29 10	28 8	31 11	31 4
		31 11	31 0	31 0	29 8
		30 11	31 7	31 4	31 11
		29 7	31 0	31 0	30 7
		32 1	30 8	31 10	29 7
		31 10	31 8	31 2	31 3
		30 7	30 10	29 8	31 6
		31 10	31 10	30 9	28 1

189' 2" 274' 5"

3719' 0"

13" set 7' in cellar  
10-3/4" set 1' in cellar

