

See

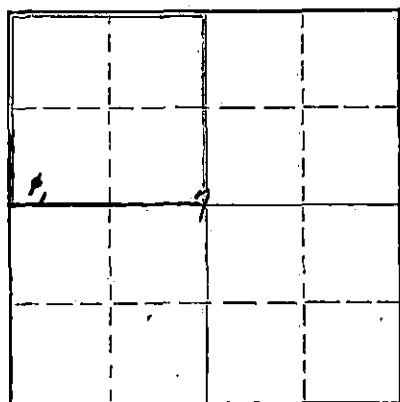
15.151-10545-00-00

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

NORTH



Locate well correctly on above  
Section Plat

Pratt County. Sec. 7 Twp. 26S Rge. (E) 11 (W)

Location as "NE/CNWKSWK" or footage from lines SW/4 SW/4 NW/4  
Lease Owner Skelly Oil Company  
Lease Name M. B. Blackburn Well No. 1  
Office Address P.O. Box 1650, Tulsa, Oklahoma  
Character of Well (completed as Oil, Gas or Dry Hole) Oil  
Date well completed September 11, 1943  
Application for plugging filed December 10, 1956  
Application for plugging approved December 11, 1956  
Plugging commenced December 10, 1956  
Plugging completed December 14, 1956  
Reason for abandonment of well or producing formation Depleted oil well

If a producing well is abandoned, date of last production November 19, 1956  
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 4129' Bottom 4168' Total Depth of Well 4168 Feet  
Show depth and thickness of all water, oil and gas formations. PB 4149'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Viola Lime	Oil	4129'	4141'	8-5/8"	434' 0"	None
				5-1/2"	4179' 6"	2009' 11"

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	4149' to 4135'
5 sacks of cement	4135' to 4095'
Mud	4095' to 300'
Crushed rock	300' to 290'
20 sacks of cement	290' to 240'
Mud	240' to 35'
Crushed rock	35' to 25'
10 sacks of cement	25' to 6'
Surface soil	6' to 0'

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

Name of Plugging Contractor Ace Pipe Pulling Company  
Address Box 304, Great Bend, 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 30th day of January, 1957

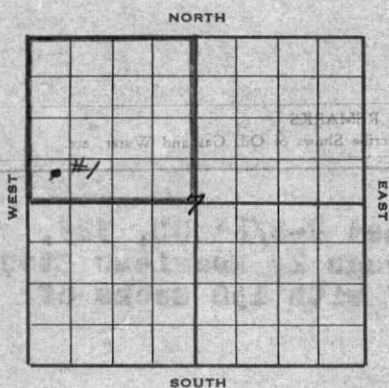
My commission expires April 7, 1959

[Signature] Notary Public.

PLUGGING  
FILE SEC 7 T 26 R 11 W  
BOOK PAGE 124 L = 13

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STATE CORPORATION COMMISSION  
JAN 31 1957  
1-31-54  
CONSERVATION DIVISION  
Wichita, Kansas

# SKELLY OIL COMPANY



## Well Record

Lease Name and No. Martina B. Blackburn Well No. 1 Elev. 1361'  
 Lease Description Northwest quarter of Section 7, Township 26 South, Range 11 West, Pratt County, Kansas  
 Location made April 30 19 43 by Gould Randolph  
 feet from North line \_\_\_\_\_ feet from East line W/4  
554 feet from South line 554 feet from West line of Sec. 7-26-11

Work com'd. June 19 19 43 Rig comp'd. June 28 19 43 Drlg. com'd. July 2 19 43 Drlg. comp'd. Aug. 16 19 43

Rig Contractor Hase Drilling Company

Drilling Contractor Hase Drilling Company, Tulsa, Oklahoma

Rotary Drilling from Top to 4139' SLM Cable Tool Drilling from 4139' SLM to 4168'

Commenced Producing September 11 19 43 { Initial Prod. before shot or acid 1/2 bbl. oil per hr. Bbls.  
 Initial Prod. after shot or acid FOR 8 hrs., 32.30 bbls. oil & 8 bbls. wtr. to estab. S.C.O. potential of

Dry Gas Well Press \_\_\_\_\_ Volume 247 barrels: Cu. ft.

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

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

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

PRODUCING FORMATION Viola Line (Name) Top 4129' SLM Bottom 4141' TOTAL DEPTH 4168' PE

### 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 32	8v	434'					16	434	0	seamless	A	150	Halliburton
8-5/8" Casing: Range 2, Grade 1													
5-1/2" OD 14	8r	4136 1/2' SLM					146	4179	6	seamless	A	300	Halliburton
5-1/2" Casing: Range 2, Grade 1-40													
(8-5/8" Casing set 4' in cellar and 5-1/2" cased to derrick floor)													
(5-1/2" casing perforated with 60 holes from 4129' to 4138')													
(Used 1 - Baker Combination Guide and Float Shoe)													

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>August 18, 1943</u>	<u>September 1, 1943</u>	<u>September 2, 1943</u>	
Acid Used				
Size Shot	<u>1000</u>	<u>1000</u>	<u>2000</u>	
Shot Between	<u>4141 Ft. and 4151 Ft.</u>	<u>4138 Ft. and 4141 Ft.</u>	<u>4137 Ft. and 4141 Ft.</u>	<u>Ft. and Ft.</u>
Size of Shell	<u>(jetted formation)</u>			<u>(jetted formation)</u>
Put in by (Co.)	<u>Halliburton</u>	<u>Dowell</u>	<u>Halliburton</u>	
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder	<u>None</u>	<u>None</u>	<u>None</u>	

### SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
<u>Lansing Line</u>	<u>3619'</u>						
<u>Viola Line</u>	<u>4129' SLM</u>				<u>4133'</u>	<u>4136'</u>	<u>Slight oil stain</u>
					<u>4136'</u>	<u>4139'</u>	<u>Med. hard, por. &amp; spotted oil saturation</u>
					<u>4139'</u>	<u>4140'</u>	<u>1/2 bbl. oil per hr.</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)

1-31-57



12-121-10242-000

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Surface soil and sand	0	210	
Shale and red bed	210	434	Set and cemented 8-5/8" OD, 32#, 8 y-thread, Range 2, Seamless Steel Casing at 434' with 150 sacks of cement.
Red bed	434	780	
Shale and shells	780	1240	
Shale	1240	1440	
Broken lime	1440	1480	
Shale	1480	1620	
Lime	1620	2180	
Shale	2180	2240	
Lime	2240	2295	
Shale	2295	2350	
Broken lime	2350	2410	
Lime	2410	2545	
Shale	2545	2515	
Lime	2515	2850	
Shale	2850	2890	
Lime	2890	3015	
Broken lime	3015	3105	
Lime	3105	3280	
Shale	3280	3295	
Lime	3295	3420	
Shale	3420	3515	
Lime	3515	3550	
Shale	3550	3615	
Lime	3615	3950	TOP LANSING LIME 3615'
Shale	3950	3965	
Lime	3965	4000	
Broken chert	4000	4065	
Shale and light chert	4065	4115	
Shale	4115	4129	
Grey sandy lime and shale	4129	4132	
Grey chert and finely crystalline lime and dolomite	4132	4136	TOP VIOLA LIME 4129' SLM - no saturation
Grey cherty dolomites, dense	4136	4139	Slight oil stain
Grey coarsely crystalline lime and dolomite	4139	4142	Medium hard, porous and spotted oil saturation
			Set and cemented 5-1/2" OD, 14#, 8 rd. th., Grade M-40, Range 2, Seamless Steel casing at 4136' SLM with 300 sacks of cement and 12 sacks of aquagal. Finished cementing at 4:00 AM July 24, 1943, and shut down for cement to set. Moved in and rigged up cable tools and bailed the hole down on August 6th and casing tested OK. Drilled cement plug and cleaned out to bottom and cement job tested OK. Correction: 4142' SLM rotary table equals 4139' SLM derrick floor.
DRILLED:			
Grey chert and dolomite	4139	4140	Bailed and tested one hour, 1/2 barrel oil and no water
Grey chert with 50% brown crystalline dolomite	4140	4143	Slight porosity and saturation - Tested 3/4 barrel oil per hour
Grey chert and light dolomite	4143	4146	Slight porosity - Tested 3/4 barrel oil and one barrel water per hour.
Lime	4146	4153	Tested 1-3/4 barrels water per hour
White cherty lime	4153	4155	No increases
Dense grey dolomite	4155	4156	Tested 1-1/2 barrels water and 3/4 barrels oil per hour
Light grey dolomite	4156	4168	
<p>On August 18, 1943, ran 2" tubing and jetted the formation from 4141' to 4151' with 1000 gallons of 7-1/2% acid, then cemented with 40 sacks of cement and raised tubing and shut down for cement to set.</p> <p>On August 21st pulled tubing, bailed the hole down and tested 1/2 barrel salt water per hour. Drilled cement plug to 4146' and on August 26th ran tubing and plugged back with 25 sacks of cement, then pulled tubing and shut down for cement to set.</p> <p>On August 30th bailed the hole down, drilled cement plug to 4158' and perforated 5-1/2" OD casing with 60 holes from 4129' to 4158', no shows while perforating. Drilled cement plug from 4158' to 4140', then jetted with 1000 gallons of 7-1/2% acid. Swabbed and tested, no shows. Pulled and ran tubing, then jetted with 2000 gallons Halliburton acid on September 2nd. On September 3rd pulled tubing and cleaned out jetted material, then ran 2" tubing and had 1800' OIM after swabbing well down in 3 hours. Swabbed into puts to clean hole and swabbed to bottom, no gauge on oil swabbed. Pulled tubing and ran bailer to clean out and lost bailer in hole. Recovered bailer on September 5th, then bailed hole clean to bottom. Correction: 4140' equals 4141' SLM.</p>			
TOTAL DEPTH	4168 PB 4141' SLM		



Date Commenced: March 3, 1956  
 Date Completed: June 1, 1956

Total Depth 4168' PB 4149' PB TD-4149'

Production Before: 4 barrels of oil and 22 barrels of water  
 Production After: 8 barrels of oil and 1 barrel of water

Producing Formation: Viola Lime

Moved in and rigged up cable tools and pulled rods and 2" tubing on March 3, 1956. Bailed and cleaned up hole, then swabbed through 5 1/2" casing 8 hours, 5 barrels of oil and 9 barrels of water. On March 4, ran 2" tubing and set Halliburton HM packer at 4120'. Cemented off perforations from 4129' to 4136 1/2' and open hole from 4136 1/2' to 4141' with Halliburton DCC, using 175 sacks of cement, 24 barrels of kerosene and 15 gallons of DCC F1, maximum TP-3500', used 225 barrels of oil to fill hole and flush. Swabbed through 2" tubing 8 hours, 8 barrels of oil used in treating. On March 5, treated with Halliburton Sand-Oil-Frac from 4136 1/2' to 4141' as follows:

SAND-OIL-FRAC TREATMENT NO. 1 - Between 4136 1/2' and 4141'

Used 3000# of sand  
 2000 gallons of heavy crude oil  
 65 barrels of regular crude oil to fill hole and flush  
 Maximum TP-3000', minimum TP-2200'  
 Time 20 minutes

Pulled 2" tubing and Halliburton HM packer. Swabbed through 5 1/2" casing 12 hours, 64 barrels of treating oil and no water. Ran 2" tubing and rods and moved out cable tools. On March 7, POB 6 hours and well did not pump up. On March 8, POB 4 hours and well did not pump up. On March 9, pulled and ran rods after changing pump, then POB 6 hours and well did not pump up. On March 10, POB 12 hours, 16 1/2 barrels of oil used in treating and no water. On March 11, POB 4 hours, 5 barrels of treating oil and no water. On March 12, POB 12 hours, 5 barrels of oil and no water. On March 13, POB 8 hours, 5 barrels of oil and no water.

On March 14, moved in and rigged up cable tools and swabbed through 5 1/2" casing 2 hours, 12 barrels of oil used in treating; then swabbed 9 hours, 8 barrels of oil used in treating and no water. On March 15, swabbed through 5 1/2" casing 2 hours, 2 barrels of oil with trace of water. Treated through 5 1/2" casing from 4136 1/2' to 4141' with 500 gallons of Halliburton NCA acid as follows:

ACID TREATMENT NO. 5 - Between 4136 1/2' and 4141'

Treatment put in 3/15/56 by Halliburton, using 500 gallons of acid and 25 barrels of oil.

TIME	UP	TP	REMARKS
10:58 am			Start acid
11:04 am	0'		
12:00 m	0'		
1:00 pm	0'		Treatment completed

Swabbed through 5 1/2" casing 14 hours, 23 barrels of oil used in treating and 10 barrels of acid water. On March 16, swabbed through 5 1/2" casing 2 hours, 3/4 barrel of oil and 3/4 barrel of water. Ran 750 gallons of kerosene in hole from 4136 1/2' to 4141', then flushed casing with 35 barrels of oil. Swabbed through 5 1/2" casing 18 hours, 45 1/2 barrels of oil and kerosene used in treating.

On March 17, drilled cement plug and cleaned out from 4141' to 4145'. Bailed and tested 3 hours, 2 gallons of oil per hour. Drilled cement plug and cleaned out from 4145' to 4151'. Swabbed through 5 1/2" casing 6 hours, 12 gallons of oil and 12 gallons of water per hour.

On March 18, perforated open hole from 4137' to 4141' with 8 holes by Welex; then perforated open hole from 4137 1/2' to 4139' with 2 holes using Welex formation frac gun. Bailed and tested 7 hours, 13 gallons of oil and 12 gallons of water per hour. Ran 2" tubing and rods and moved out cable tools.

On March 20, POB 8 hours and well did not pump up. On March 21, POB 6 hours and well did not pump up. Continued pumping well until March 26, when it first started showing fluid. On this date POB 6 hours, 1/2 barrel of oil and no water. On March 27, POB 6 hours, 1/2 barrel of oil and no water. On March 28, POB 6 hours, 1/2 barrel of oil and no water. On March 29, POB 6 hours, 1/4 barrel of oil and no water. During the following 6 days the well pumped 1/4 barrel of oil daily and no water, then shut down for cable tools.

BOOK SHEET TIME 1/27  
 REC 1 1956 R/V/M  
 PLACING

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 JAN 31 1957  
 REGISTRATION DIVISION  
 Kansas



On May 8, moved in cable tools and pulled rods and tubing. Swabbed and bailed through 5 1/2" casing 9 hours, 8 1/2 barrels of oil and no water. On May 10, shot well with 25 quarts of S.O.W.E. in 4" x 10' shell from 4146' to 4136', shot was tamped with chat from 4136' to 4131', Cal-Seal from 4131' to 4124', and sand from 4124' to 4022'. Loaded hole with water, used Zero Hour bomb and bomb went off at 7:00 a.m. 5/11/56. Swabbed out water used to load hole. Bailed and cleaned out to 4151', then swabbed and bailed through 5 1/2" casing 18 hours, 4 gallons of water with light scum of oil per hour. On May 14, bailed and tested 6 hours, 4 gallons of water with scum of oil per hour. Treated through 5 1/2" casing from 4136 1/2' to 4151' with 250 gallons of Halliburton MCA acid as follows:

ACID TREATMENT NO. 6 - Between 4136 1/2' and 4151'

Treatment put in 5/14/56 by Halliburton, using 250 gallons of acid and 20 barrels of oil.

TIME	CP	TP	REMARKS
2:00 pm			Start acid
2:05 pm	Vac.		250 gallons of acid in, start oil
2:20 pm	Vac.		Flushed with 20 barrels of oil

Swabbed through 5 1/2" casing 2 hours, 17 barrels of oil used in treating. Bailed and tested 12 hours, 6 gallons of acid water. On May 15, ran 2" tubing and set Halliburton HM packer at 4112'. Ran Halliburton Vis-O-Frac from 4136 1/2' to 4151' as follows:

VIS-O-FRAC TREATMENT NO. 1 - Between 4136 1/2' and 4151'

Used 2400# of sand  
 4000 gallons of kerosene mixed with VI-10 caustic soda and E-1  
 137 barrels of regular crude oil to fill hole and flush  
 Maximum TP-5700#, minimum TP-4000#  
 Time 38 minutes

Pulled tubing and packer and swabbed through 5 1/2" casing 8 hours, 90 barrels of oil used in treating and no water. Cleaned out sand to 4146' and ran Lane-Wells Gamma Ray Neutron Survey. Bailed and cleaned up hole 18 hours, 5 barrels of oil used in treating and 7 barrels of water. Ran 2" tubing and rods and moved out cable tools.

On May 20, POB 15 hours, 7 barrels of oil used in treating and 7 barrels of water. On May 21, POB 24 hours, 5 barrels of oil used in treating and 5 barrels of water. Ran SLM and found total depth 4149' SLM.

PLUGGED BACK TOTAL DEPTH 4149' SLM

DATE	HOURS PUMPED	BBLs. OIL	BBLs. WTR.	REMARKS
5-22-56	18	7	1	Oil used in treating
5-23-56	24	2	9	" "
5-24-56	8	1/2	4 1/2	" "
5-25-56	12	1/4	8	" "
5/26/56	8	1	9	
5-27-56	8	1	10	
5-28-56	8	2-3/4	8	
5-29-56	8	4	7	
5-30-56	8	8	6	
5-31-56	8	4	7	
6-1-56	8	8	1	

PLUGGING  
 FILE SEC 7 T 86 R 11W  
 BOOK PAGE 134 LINE 13

FILED

Vol 100



On September 11, 1945, after installing tank battery, FOB 1 hour, 30.96 barrels of oil and 4 barrels of water, then FOB 8 hours, 32.30 barrels of oil and 8 barrels of water to establish 24 hour State Corporation Commission potential of 247 barrels. This potential allows 25 barrels per day.

DEPTH	SLOPE TEST DATA		HORIZ.	VERT.
	ANGLE OF DEFLECTION			
250'	1/2 Degrees		2.2	
500'	1/2	"	2.2	
750'	1/2	"	2.2	
1000'	1/2	"	2.2	
1250'	1/2	"	2.2	
1500'	1/2	"	2.2	
1750'	1/2	"	2.2	
2000'	1/2	"	2.2	
2250'	1/2	"	2.2	
2500'	1/2	"	2.2	
2750'	1/2	"	2.2	
3000'	1/2	"	2.2	
3250'	1/2	"	2.2	
3500'	1/2	"	2.2	
3750'	1/2	"	2.2	
4000'	1/2	"	2.2	
			35.2'	