

STATE OF KANSAS
STATE CORPORATION COMMISSIONGive All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bittling Building
Wichita, Kansas

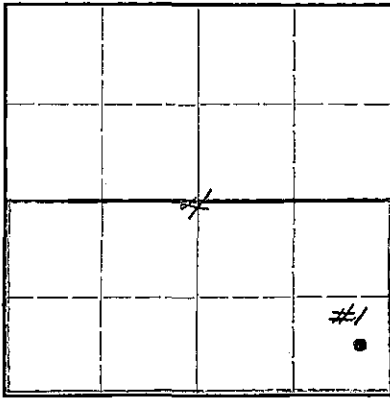
WELL PLUGGING RECORD

OR

FORMATION PLUGGING RECORD

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

NORTH

Locate well correctly on above
Section Plat

Pratt County. Sec. 4 Twp. 28S Rge. 11 (E) (W)
Location as "NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines C E $\frac{1}{2}$ SE $\frac{1}{2}$ SE $\frac{1}{2}$
Lease Owner. Skelly Oil Company
Lease Name. Morrison "B" Well No. 1
Office Address. Box 391, Hutchinson, Kansas
Character of Well (completed as Oil, Gas or Dry Hole). Dry Hole
Date well completed. November 2 19 44
Application for plugging filed. October 19 19 44
Application for plugging approved. October 23 19 44
Plugging commenced. October 27 19 44
Plugging completed. November 2 19 44
Reason for abandonment of well or producing formation. Dry Hole
If a producing well is abandoned, date of last production. 19
Was permission obtained from the Conservation Division or its agents before plugging was com-
menced? Yes

Name of Conservation Agent who supervised plugging of this well. H. W. Kerr
Producing formation. Depth to top. Bottom. Total Depth of Well. 4318 Feet
Show depth and thickness of all water, oil and gas formations.

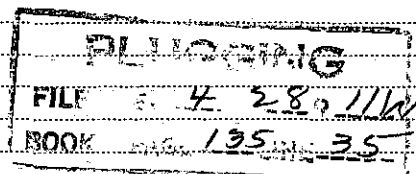
OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
Lansing Lime	Dry	3544'		8-5/8"	371'0"	None
Kinderhook Dolomite	"	4134'		5-1/2"	4230'0"	2173'9"
Viola Lime	"	4193'				
Simpson Shale	"	4280'				
Simpson Sand	"	4285'				

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.

26 sacks of cement 4318' to 4150'
Mud laden fluid 4150' to 3500'
5 sacks of cement 3500' to 3450'
Mud laden fluid 3450' to 370'
10 sacks of cement 370' to 340'
Mud laden fluid 340' to 15'
10 sacks of cement 15' to 8'
Surface soil and rock 8' to 0.



(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) 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)

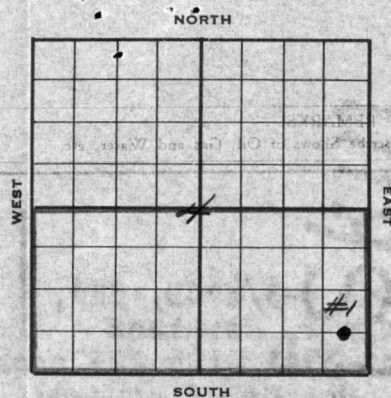
Box 391, Hutchinson, Kansas

(Address)

Subscribed and Sworn to before me this 24th day of January, 19 45

My commission expires August 4, 1945.

Notary Public.



SKELLY OIL COMPANY

Well Record

Lease Name and No. Morrison #16535 Well No. 1 Elev. 1758'
Lease Description South Half (3/2) of Section 4, Township 28,
Range 11 west, Pratt County, Kansas
Location made April 25 19 44 by Gould Randolph
feet from North line 330 feet from East line 3/2
feet from South line 660 feet from West line of Sec. 4

Work com'd May 20 19 44 Rig comp'd May 22 19 44 Drlg. com'd June 2 19 44 Drlg. comp'd Oct. 16 19 44

Rig Contractor Russ Drilling Company

Drilling Contractor Russ Drilling Company, Tulsa, Oklahoma

Rotary Drilling from Top to 4201' Cable Tool Drilling from 4201' to 4318'

Commenced Producing Dry Hole 19 44 { 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 (_____ Size _____) Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (_____ Size _____) Gas Pressure _____ Volume _____ Cu. ft.

PRODUCING FORMATION Dry Hole Top _____ Bottom _____ TOTAL DEPTH 4318'
(Name)

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 32.8 lb			374'				14	371	0	Seamless B		225	Halliburton
8-5/8" Casing: Grade 7, Range 2										Set 6' in collar			
5-1/2" OD 14.8 lb			4195'	70	2175	9	67	2056	3	Seamless A		350	Halliburton
5-1/2" Casing: Grade X-40, Range 2													
Perforations: 84 holes between 3579' and 3593' - Cemented off													
86 holes between 3550' and 3566' - Cemented off													

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>September 8, 1944</u>		<u>September 14, '44</u>		<u>September 17, '44</u>			
Acid Used Size Shot	<u>500</u> Gals. Qts.		<u>500</u> Gals. Qts.		<u>2500</u> Gals. Qts.			
Shot Between	<u>3579</u> Ft. and <u>3593</u> Ft.		<u>3550</u> Ft. and <u>3566</u> Ft.		<u>3550</u> Ft. and <u>3566</u> Ft.		Ft. and Ft.	
Size of Shell								
Put in by (Co.)	<u>Morgan Acid</u>		<u>Morgan Acid</u>		<u>Morgan Acid</u>		<u>For further</u>	
Length anchor							<u>acid treatments</u>	
Distance below Cas'g							<u>see body of log.</u>	
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>Lensing Lino</u>	<u>3544'</u>				<u>3563'</u>	<u>3566'</u>	<u>slight stain</u>
					<u>3579'</u>	<u>3583'</u>	<u>Porous & saturated</u>
<u>Kinderhook Dolomite</u>	<u>4134'</u>						
<u>Viola Lino</u>	<u>4193'</u>				<u>4193'</u>	<u>4201'</u>	<u>sl. porosity, probable gas</u>
<u>Simpson shale</u>	<u>4280'</u>						
<u>Simpson Sand</u>	<u>4285'</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 & shells	0	85	
Sand	85	225	
Shale	225	325	
Shale and red bed	325	374	
Red bed	374	405	
Shale	405	690	
Shale and red bed	690	885	
Shale and shells	885	1115	
Salt	1115	1250	
Shale	1250	1470	
Lime	1470	1900	
Lime	1900	2145	
Lime and shale	2145	2280	
Lime	2280	2445	
Lime and shale	2445	2565	
Shale and lime	2565	2665	
Shale	2665	2700	
Shale and lime	2700	2790	
Shale	2790	2940	
Lime	2940	3005	
Shale	3005	3100	
Lime	3100	3475	
Shale	3475	3535	
Lime	3535	4095	

Set and cemented 5-5/8" OD, 325' by thread, Range 2, seamless steel casing at 374' with 225 sacks of cement and 6 sacks of slag.

Stuck drill pipe at 2565' and were unable to pull drill pipe. Drilled and plugged back to 2565' with 75 sacks of cement, set and drilled.

TOP LANDING LINE 3544'
 (3563-66' Medium soft crystalline lime, slight stain - 3579-83' Same, porous and saturated - 3706-10' Same, porous, no saturation - 3724-28' Very soft crystalline lime, porous and stained - 3765-69' Medium soft crystalline lime, porous and stained)

TOP LANDING LINE 4134'
TOP LANDING LINE 4193'

Slight porosity and probable gas, no oil saturation.

Set and cemented 5-1/2" OD, 144' 8 range thread, Grade H-40, Range 2, seamless steel casing at 4195' with 350 sacks of cement and 8 sacks of slag. Finished cementing at 8:00 PM July 9, 1944, and shut down waiting on cable tools. Rigged up cable tools and bailed the hole down on September 5th to top of cement plug at 3883', then bailed and cleaned out cement and mud to 4194' B.M. On September 6th perforated 5 1/2" casing with 84 holes from 3579' to 3593', no shows. On September 8th ran 2" tubing and treated with 500 gallons of Morgan acid as follows:

ACID TREATMENT NO. 1 - Between 3579' and 3593'

Acid treatment put in September 8, 1944, by Morgan Acid Company, using 500 gallons acid and 300 barrels of water to fill hole and to flush acid:

TIME	OP	TP	REMARKS
9:10 AM			Hole filled with water and started acid in
9:17 AM	200		500 gallons acid in hole
9:38 AM	200		80 gallons water in hole
9:55 AM	1000	875	100 gallons water in hole for flush
10:15 AM	850	825	450 gallons water in hole for flush
10:23 AM	800	800	700 gallons water in hole for flush and treatment

After acid treatment, swabbed hole down, then swabbed 6 hours through 2" tubing, 6 barrels of water per hour showing a sum of oil. On September 8th swabbed through 2" tubing 18 hours, 5 barrels water with sum of oil per hour. On September 9th pulled and reran tubing with Baker cement retainer and set retainer at 3570' and cemented off perforations in 5 1/2" casing from 3579' to 3593' with 35 sacks, then pulled tubing and shut down for cement to set.

On September 13th bailed the hole down to top of cement plug at 3567' B.M. and on September 14th perforated 5 1/2" casing with 86 holes by Lane-wells from 3550' to 3566', no shows. On this date treated with 500 gallons of Morgan acid as follows:

ACID TREATMENT NO. 2 - Between 3550' and 3566'

Acid treatment put in September 14, 1944, by Morgan Acid Company using 500 gallons acid and 120 barrels of water to fill hole and flush:

TIME	CP	TP	REMARKS
6:00 AM			Hole filled with 104 barrels water and started acid in
6:35 AM	150		500 gallons acid in hole
7:05 AM	900	775	100 gallons water in hole
7:18 AM	800	800	700 gallons water in hole and treatment complete

After acid treatment, swabbed out acid water, then swabbed 8 hours, 4 barrels water with seum of oil per hour. On September 16th swabbed through tubing 6 hours and water exhausted showing slight increase in oil. On September 17th treated with 2500 gallons of Morgan acid as follows:

ACID TREATMENT NO. 3 - Between 3550' and 3566'

Acid treatment put in September 17, 1944, by Morgan Acid Company using 2500 gallons acid and 120 barrels of water to fill hole and flush:

TIME	CP	TP	REMARKS
9:00 AM			Hole filled with 104 barrels of water and started acid in
9:20 AM	150		550 gallons of acid in hole
9:31 AM	800	650	800 gallons of acid in hole
10:05 AM	800	650	2000 gallons of acid in hole
10:15 AM	800	650	2500 gallons of acid in hole
10:37 AM	800	800	Hole flushed with 16 barrels of water and treatment complete

After acid treatment, swabbed well to bottom, then swabbed off bottom 24 hours, 3/4 barrels fluid per hour showing 15% oil.

On September 20th ran tubing and Baker cement retainer and set retainer at 3535', then cemented off perforations in 5 1/2" casing from 3550' to 3566' with 50 sacks preparatory to deepen and test Viola Line.

On September 24th bailed the hole down, drilled out cement retainer and cleaned out to bottom TD-4201'. Gas estimated 10,000 cu. ft.

DRILLED:

Dark grey cherty lime	4201	4207	No increase in gas
Same	4207	4212	
Hard grey lime	4212	4221	
Same	4221	4225	

On October 4th ran 2" tubing and treated with 3000 gallons of Morgan acid as follows:

ACID TREATMENT NO. 4 - Between 4195' and 4225'

Treatment put in October 4, 1944, by Morgan Acid Company using 3000 gallons acid and 117 barrels of water to fill hole and to flush:

TIME	CP	TP	REMARKS
2:00 PM			Filled hole with 100 barrels water, started acid in
2:10 PM		100	685 gallons acid in hole
2:19 PM		100	1500 gallons acid in hole
2:23 PM			2000 gallons acid in hole
2:27 PM	Vac.	50	2500 gallons acid in hole
2:30 PM	Vac.	Vac.	3000 gallons acid in hole, started water flush
2:41 PM	Vac.	Vac.	Hole flushed with 17 barrels water and treatment complete

After acid treatment, swabbed out acid water, then tested 3 hours, 2 barrels water per hour, no gas. On October 5th, swabbed 24 hours, 1/2 barrel water per hour with slight show of gas. On October 6th swabbed through tubing 24 hours, 1/2 barrel water per hour with slight show of gas.

Shut down until October 14th when cable tools were again rigged up and drilled deeper as follows:

Correction SLM	4225	4232	SLM
Grey cherty lime	4232	4237	
Same	4237	4249	No shows
Dense grey and brown crystalline dolomite	4249	4272	
Grey coarsely crystalline dolomite	4272	4280	TOP SIMPSON SHALE 4280'
Same	4280	4287	TOP SIMPSON SAND 4285'
Green shale with 50% sand	4287	4293	
Grey sand	4293	4296	Test 1 1/2 bbls. water in 4 hrs.
Coarse sand, medium soft	4296	4307	Porous, no oil saturation
Dark pyritic shale	4307	4312	Tested 2 bbls. water per hour
Same with little sand	4312	4318	4307-12 Dark Pyritic Shale 4312-18 sh. w/ little sand

TOTAL DEPTH 4318'

On October 17th regular authority was granted to plug the hole and abandon the location.

On October 27th started plugging and plugged the well as follows:

26 sacks of cement	4318' to 4150'
Mud laden fluid	4150' to 3500'
5 sacks of cement	3500' to 3450'
Mud laden fluid	3450' to 370'
10 sacks of cement	370' to 340'
Mud laden fluid	340' to 15'
10 sacks of cement	15' to 8'
Surface soil and rock	8' to 0.

Plugged and abandoned November 2, 1944.

SLOPE TEST DATA				
DEPTH	ANGLE OF DEFLECTION		HORIZ.	VERT.
250'	0	Degrees		
500'	1 1/2	"	6.6	.1
750'	1	"	4.4	.1
1000'	1	"	4.4	.1
1250'	1	"	4.4	.1
1500'	1	"	4.4	.1
1750'	1	"	4.4	.1
2000'	1	"	4.4	.1
2250'	1	"	4.4	.1
2500'	1 1/2	"	6.6	.1
2750'	1	"	4.4	.1
3000'	1	"	4.4	.1
3250'	1	"	4.4	.1
3500'	1 1/2	"	6.6	.1
3750'	1	"	4.4	.1
4000'	1	"	4.4	.1

Total Deflection 72.6' 1.5

PLUGGING
FILE 4 28, 11W
BOOK PAGE 135 LINE 35