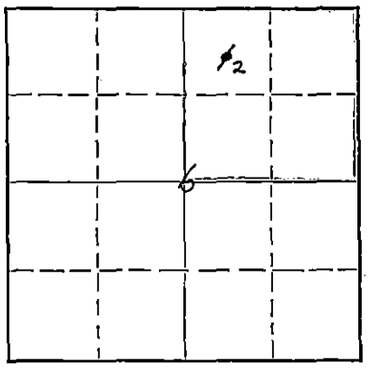
15-155-01900-0000

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

NORTH



Locate well correctly on above Section Plat

Reno County. Sec. 6 Twp. 24S Rge. (E) 10 (W)

Location as "NE/CNW¼SW¼" or footage from lines C NW/4 NE/4

Lease Owner Skelly Oil Company

Lease Name Cleo Johnson Well No. 2

Office Address Box 1650, Tulsa, Oklahoma

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

Date well completed May 4, 19 43

Application for plugging filed November 14, 19 50

Application for plugging approved November 17, 19 50

Plugging commenced December 3, 19 50

Plugging completed December 8, 19 50

Reason for abandonment of well or producing formation Depleted oil and gas well

If a producing well is abandoned, date of last production August 12, 19 50

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. Ruel Durkee 3726'

Producing formation Viola Lime Depth to top 3690' Bottom 3726' Total Depth of Well PB 3688 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	Oil & Gas	3690'	3726'	8-5/8"	351'3"	None
				5-1/2"	3720'3"	2982'0"

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.

Mud laden fluid	3688' to 3670'
6 sacks of cement	3670' to 3630'
Mud laden fluid	3630' to 260'
Wood plug	260'
Crushed rock	260' to 250'
15 sacks of cement	250' to 205'
Mud laden fluid	205' to 20'
5 sacks of cement	20' to 5'
Surface soil	5' to 0'

RECEIVED
STATE CORPORATION
DEC 15 1950
CONSERVATION DIVISION
Wichita, Kansas

(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) (~~or owner or operator~~) 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) H. E. Wamsley

Box 391, Hutchinson, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 14th day of December, 19 50

Josephine L. Johnson
Notary Public.

My commission expires April 7, 1951

23-5091-s — 8-50—10M

PLUGGING
FILE SEC 6 T 24 R 10E
BOOK PAGE 43 LINE 36

N-136 Rev. 1M

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 Cleo Johnson WELL NO. 2

CLEANING OUT RECORD	PLUGGING BACK OR DEEPENING RECORD
Date commenced 19	Date commenced November 2, 19 50
Date completed 19	Date completed November 13, 19 50
Cleaned out from ..... to ..... T. D.	Plugged back or deepened from 3726' to 3683' PB T.D. 3690' SLM
Prod. before ..... bbls. oil ..... bbls. water ..... cu. ft gas	Prod. before 1/2 bbls. oil 9 bbls. water 14 M cu. ft. gas
Prod. after ..... bbls. oil ..... bbls. water ..... cu. ft gas	Prod. after 2 gal bbls. oil 2 gal bbls. water -- cu. ft. gas
Kind of tools used:	Kind of tools used: Pulling unit
Tools owned by:	Tools owned by: Skelly Oil Company

ACID SHOT RECORD

Date	11/10/50			
Size shot	1000 gals. gx	Qts.	Qts.	Qts.
Shot between	3682 Ft. and 3686 Ft.	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.
Size of shell				
Put in by (Co.)	Dowell Inc.			
Length anchor				
Distance below casing				
Damage to casing or casing shoulder				

CHANGES IN CASING RECORD

SIZE	Wt.	Thds.	Where Set	PULLED OUT Jts.	PULLED OUT Feet	PULLED OUT In.	LEFT IN Jts.	LEFT IN Feet	LEFT IN In.	KIND	Cond'n	CEMENTING Sacks Used	CEMENTING Method Employed
5½" casing			perforated from 3682'					to 3686'		with 16 holes			

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 November 2, 1950, pulled tubing and rods. Set bridging plug at 3698' SLM to 3690' SLM. After setting plug, setting tool would not release from plug, and parted line near casing head. Recovered line and setting tool.

Dumped 30 barrels of water on bridging plug and plug tested OK. Perforated 5½" casing from 3682' to 3686' with 16 Dowell jet shots, no

(Use reverse side for continuation of remarks and for formation record).

STATE CORPORATION COMMISSION
DEC 15 1950
CONSERVATION DIVISION

W. M. Autrey
Superintendent.

REMARKS (Continued) show of oil or gas. After setting 15 hours, hole dry, no gas. Treated through 5½" casing with 1000 gallons of Dowell "XKF-27" 7½% acid as follows:

ACID TREATMENT NO. 2 - Between 3682' and 3686'

Treatment put in 11/20/50 by Dowell Inc., using 1000 gallons of oil and 500 gallons of water.

TIME	PSI	REMARKS
12:15 pm		1000 gallons of acid in hole
1:40 pm	250#	Hole filled with water
1:54 pm		Start flush
1:57 pm	320#	30 gallons of acid in formation
1:59 pm	0#	63 gallons of acid in formation
2:04 pm	Vac.	1000 gallons of acid in formation

After setting 60 hours, ran bailer, 6 gallons of oil and no water in hole. On November 13, bailed and tested 3 hours, 2 gallons of oil and 2 gallons of water per hour.

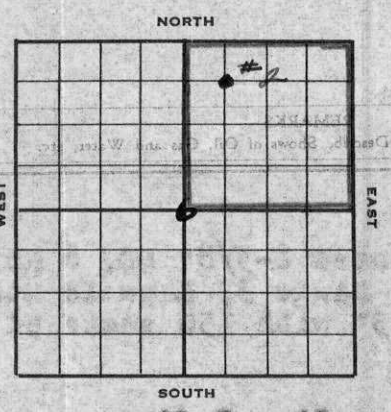
RECORD OF FORMATIONS

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

As the Misener Sand proved to be non-productive in commercial quantities, authority was granted to plug and abandon the well.

Form N47A Rev. 500—

Acc 95,889



SKELLY OIL COMPANY

Well Record

Lease Name and No. Cleo Johnson #10664 Well No. 2 Elev. 1797' DF

Lease Description Northeast Quarter (NE¼) of Section 6, Township 24S, Range 10W, Reno County, Kansas

Location made March 7 19 43 by Gould Randolph

660 feet from North line 660 feet from East line } Sec. 6-24S-10W

feet from South line feet from West line } of NE/4

Work com'd April 3 19 43 Rig comp'd April 6 19 43 Drlg. com'd April 7 19 43 Drlg. comp'd April 27 19 43

Rig Contractor Bodine Drilling Company

Drilling Contractor Bodine Drilling Company, Great Bend, Kansas

Rotary Drilling from Top 3695' to 3695' Cable Tool Drilling from 3726' to

Commenced Producing May 4 19 43 { Initial Prod. before shot or acid Flowed 4 hrs., 20 bbl. oil, no wtr Bbls.

Initial Prod. after shot or acid 6,792 bbls. (Indicated by gauge method) which established Maximum S.C.O. potential of 5000 bbls. 702 M high rate, 248M low rate Bbls.

Dry Gas Well Press Volume Cu. ft.

Casing Head Gas Pressure Volume Cu. ft.

Braden Head (Size 8-5/8"x5½" OD) Gas Pressure Volume Cu. ft.

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

PRODUCING FORMATION Viola Lime (Name) Top 3690' Bottom 3726' TOTAL DEPTH 3726'

CASING RECORD

Size	Wt.	Thds.	Where Set	PULLED OUT Jts.	PULLED OUT Feet	PULLED OUT In.	LEFT IN Jts.	LEFT IN Feet	LEFT IN In.	KIND	Cond'n	CEMENTING Sacks Used	CEMENTING Method Employed
8-5/8"OD	28#	8R	355'				9	351	3	Lapweld	"A"	150	Halliburton
8-5/8" casing: Range 3, Grade ?													
5-1/2"OD	14#	8R	3691'				117	3720	3	Seamless	"A"	150	Halliburton
5-1/2" casing: Range 2, Grade H-40													
(8-5/8" casing set 6' in cellar and 5-1/2" casing cased to derrick floor)													
(Used 1 - 5-1/2" Baker Combination Guide & 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	April 26, 1943			
Acid Used Size Shot	2000 Gals. Qts.	Gals. Qts.	Gals. Qts.	Gals. Qts.
Shot Between	3691 Ft. and 3726 Ft.	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.
Size of Shell				
Put in by (Co.)	Chemical Process			
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder	None			

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS From	GAS To	OIL From	OIL To	REMARKS
Lansing Lime	3294						
Misener Sand	3682						
Viola Lime	3690						PAY FORMATION

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 Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Surface soil, clay, sand and red bed	0	180	
Red bed	180	355	Set and cemented 8-5/8" OD, 8 Rd. Thread, 28#, Range 3, Lapweld Steel Casing at 355' with 150 sacks of cement.
Red bed	355	600	
Shale	600	1025	
Salt and shells	1025	1100	
Shale and shells	1100	1345	
Shale and lime	1345	1460	
Sandy lime	1460	1630	
Lime	1630	1705	
Sandy lime	1705	1825	
Lime	1825	1910	
Shale and lime	1910	1950	
Lime	1950	2150	
Shale and lime	2150	2250	
Shale	2250	2370	
Shale and lime shells	2370	2545	
Lime	2545	2620	
Lime and shale	2620	2750	
Shale and shells	2750	2785	
Lime	2785	2865	
Broken lime	2865	2985	
Lime	2985	3055	
Shale and lime	3055	3200	
Lime	3200	3210	
Shale and lime	3210	3350	TOP LANSING LIME 3294'
Lime	3350	3395	
Shale	3395	3405	
Lime	3405	3415	
Shale and lime	3415	3490	
Lime	3490	3570	
Lime and shale	3570	3615	
Shale	3615	3640	
Shale	3640	3682	TOP KISKER SAND 3682'
Grey sand with little shale	3682	3686	
Grey sand and green shale	3686	3690	TOP VIOLA LIME 3690'
Grey and brown dolomite	3690	3692	Porous, light saturation
Grey and brown dolomite	3692	3695	Porous and stained
			Set and cemented 5-1/2" OD, 14# 8 Rd. Thread, Range 2, Grade H-40, Seamless Steel Casing at 3691' with 150 sacks of cement. Finished cementing at 1:30 PM April 21, 1943, and while shut down waiting on cement to set, moved out rotary tools and moved in and rigged up cable tools. Finished rigging up and bailed the hole down on April 25, 1943, and 5-1/2" casing tested OK. Drilled cement plug and cleaned out to bottom and cement job tested OK.
DRILLED			
Hard grey cherty dolomite	3695	3697	
Same	3697	3702	
Brown and grey dolomite	3702	3713	Little gas and scum of oil Let stand 15 minutes and had good show of oil
Brown and grey dolomite with little chert	3713	3717	Fair porosity and saturation, 1200' OIH while drilling and while preparing to drill deeper well started flowing; loaded hole with 60 barrels of water and drilled ahead as follows:
Brown and grey cherty dolomite	3717	3723	Porous and saturated
Dense grey dolomite	3723	3726	No saturation
TOTAL DEPTH		3726'	

PLUGGING
FILE SEC 6 T 26 R 10W
BOOK PAGE 43 LINE 26

On April 27, 1943, ran 2" tubing, then swabbed through tubing 6 hours, swabbing water used to load hole. Well then started to flow, flowed into pits 2 hours to clean up hole, 15 barrels of oil and no water, then turned into tank battery to test.

On April 28, 1943, swabbed and flowed through 2" tubing 4 hours, 20 barrels of oil and no water, then treated with 2000 gallons of acid by Chemical Process as follows:

ACID TREATMENT NO. 1 - BETWEEN 3691 and 3726'

Treatment put in by Chemical Process Company, April 28, 1943, using 2000 gallons acid and 16 barrels flushing oil.

TIME	CP	TP	REMARKS:
5:00 PM			Start acid in hole through 2" tubing
5:05 PM	700#	400#	603 gallons acid in hole (on bottom) Shut down 5 minutes to let acid soak on formation
5:10 PM	500#	200#	Start pump
5:13 PM	800#	500#	850 gallons acid in hole (2 pumps)
5:14 PM	725#	425#	1000 gallons acid in hole (2 pumps)
5:19 PM	700#	400#	1500 gallons acid in hole (2 pumps)
5:23 PM	525#	225#	2000 gallons acid in hole (1 pump)
5:26 PM	300#	0#	Start oil in hole
5:33 PM	250#	0#	8 barrels oil in hole
5:37 PM	250#	50#	16 barrels oil in hole (tubing clear)

After acid treatment, swabbed well in through 2" tubing, then allowed well to flow through tubing 9-1/2 hours, 496 barrels of oil and no water, CP 250# TP 125#, Choke 1" and gas gauged 1,000 M cu. ft., gas oil ratio 679 cubic feet per barrel.

On May 4, 1943, started potential test, flowed through 2" tubing 16 hours, 486 barrels of oil and no water, static bottom hole pressure 1082# on high rate, bottom hole pressure 960# producing at rate of 1004 barrels per day, gas gauged 702 M cu. ft. gas oil ratio 699 cu. ft. per barrel. Low rate bottom hole pressure 1062#, produced at rate of 389 barrels per day, gas gauged 248 M cu. ft., 638 cu. ft. per barrel for indicated productivity of 6792 barrels to establish 24 hour Maximum State Corporation Commission potential of 3000 barrels. This potential allows 75 barrels per day for the remainder of May, 1943.

SLOPE TEST DATA

Depth	Angle of Deflection	Horiz.	Vert.
250'	0 Degrees		
500'	1/2 "	2.2	.0
750'	1/2 "	2.2	.0
1000'	1/2 "	2.2	.0
1250'	1/2 "	2.2	.0
1500'	1/2 "	2.2	.0
1750'	0 "		
2000'	0 "		
2250'	0 "		
2500'	0 "		
2750'	0 "		
3000'	1/2 "	2.2	.0
3250'	0 "		
3500'	0 "		
		13.2	.0