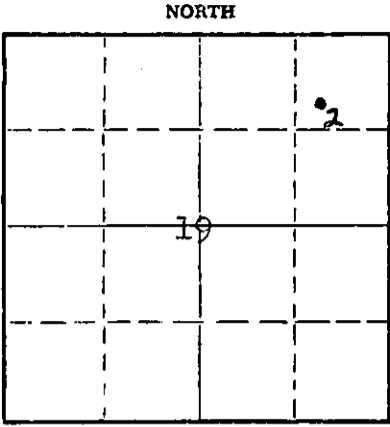


15-077-10034-0000

see

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



Locate well correctly on above Section Plat

Harper County. Sec. 19 Twp. 31S Rge. (E) 6 (W)
Location as "NE/CNW/SW" or footage from lines SW/4 NE/4 NE/4
Lease Owner Skelly Oil Company
Lease Name S. O. Bishop Well No. 2
Office Address P. O. Box 649, McCook, Nebraska 69001
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed October 29, 19 57
Application for plugging filed March 20, 19 67
Application for plugging approved March 22, 19 67
Plugging commenced April 12, 19 67
Plugging completed April 14, 19 67
Reason for abandonment of well or producing formation Uneconomical to operate
If a producing well is abandoned, date of last production May 26, 19 66
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. Archie Elving
Producing formation Simpson Sand Depth to top 4720' Bottom Total Depth of Well 4769 Feet
Show depth and thickness of all water, oil and gas formations. PB 4738 1/2'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE OD	PUT IN	PULLED OUT
Simpson Sand	Oil	4721'	4729'	8-5/8"	586'	None
				5-1/2"	4807'	3433'

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	4738 1/2' to 4700'
5 sacks of cement	4700' to 4675'
Mud	4675' to 300'
Rock bridge	300' to 290'
25 sacks of cement	290' to 215'
Mud	215' to 40'
Rock bridge	40' to 30'
10 sacks of cement	30' to Base of cellar
Surface soil	Cellar to Surface

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

Name of Plugging Contractor Ralph Comstock Pipe Pulling, Inc.
Address 320 No. Park, Stafford, Kansas

CONSERVATION DIVISION
WICHITA, KANSAS

STATE OF Nebraska, COUNTY OF Red Willow ss.
Charles R. Davis

(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) Charles R. Davis
P. O. Box 649, McCook, Nebraska
(Address)

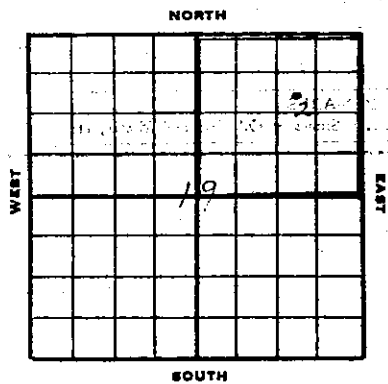
SUBSCRIBED AND SWORN to before me this 19th day of May, 19 67

My commission expires June 13, 1969

C. C. Lindsey
Notary Public.

15-077-10034-0000

SKELLY OIL COMPANY



Well Record

Lease Name and No. _____ Well No. _____ Elev. _____
 Lease Description: 1/4 SECTION 17-31-3, Harper County,
INDIAN RESERVE
 Location made _____ 19 _____ by _____
 _____ feet from North line _____ feet from East line
 _____ feet from South line _____ feet from West line of _____

Work com'd 5/16 19 57 Rig com'd 9/16 19 57 Drlg. com'd 9/16 19 57 Drlg. comp'd 2/10 19 57

Rig Contractor: _____
 Drilling Contractor: _____

Rotary Drilling from _____ to _____ Cable Tool Drilling from _____ to _____

Commenced Producing _____ 19 57 Initial Prod. before shot or acid _____ Bbls.
 Initial Prod. after shot or acid _____ Bbls.

Dry Gas Well Press. _____ 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 Silicon Sand Top 4721' Bottom 4719' TOTAL DEPTH 4738 1/2'

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
5 7/8"	22.0	10	37'				15	3.0	0	0	0	100	MILLINUTON
3 1/2"	14	20	4700'				12	4.0	0	0	0	100	MILLINUTON
(5 7/8" casing set 2' in collar and 1' casing to section floor)													
2 1/2" casing perforations open:													
above 4721' - 4719'													
below 4719': none													

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>10/2/57</u>			
Acid Used				
Size Shot				
Shot Between	<u>4721' and 4719'</u>			
Size of Shell				
Put in by (Co.)	<u>MILLINUTON</u>			
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder				

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL	
			From	To	From	To
<u>Harper City</u>	<u>3749'</u>	<u>2249'</u>				
<u>Harper</u>	<u>3750'</u>					
<u>Mississippi</u>	<u>3764'</u>	<u>2820'</u>				
<u>Lincoln</u>	<u>4572'</u>	<u>3068'</u>				
<u>Harper</u>	<u>4722'</u>	<u>3196'</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)

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 HARPER COUNTY, KANSAS

RECORD OF FORMATIONS

FORMATION	DEPTH	TOP	BOTTOM	REMARKS
Surface soil, sand and clay		0	260	
Shale		260	407	
Shale and shells		407	575	Get and cemented 2-5/8" pipe, 22.7 ft. Arisco 2500, U.S. steel casing in conn. to 494' with 245 sacks of common cement, 27 gal and 1 lb calcium chloride. Cement circulated. Finished 2:30 p.m. 9/15/37.
Shale		575	70	
Shale and shells		970	1260	
Shale and lime		1260	2140	
Shale and shells		2140	2400	
Shale and lime		2400	3010	
Lime		3010	3485	
Lime and shale		3485	3673	
Lime		3673	3895	
Lime and shale		3895	3780	TOP LIME (SEE LINE 3770)
Lime		3780	3850	
Lime and shale		3850	3970	
Lime		3970	4005	
Lime and shale		4005	4095	
Lime		4095	4125	
Lime and shale		4125	4341	
Lime		4195	4341	
White to light gray tripolitic chert with white frothy vitreous chert, slightly glauconitic		4341	4360	Fair porosity, fair scattered spotted black stain, trace of free oil and gas bubbles. An Halliburton drill stem test No. 1, packer set at 4341', used 19' anchor, open 1 hr., gas to surface in 1 minute, gas gauged 1,630 MP in 5 mins., 1,690 MP in 10 mins., 1,790 MP in 20 mins., 1,540 MP in 30 mins., 1,540 MP in 40 mins., gas gauged 1,450 MP in 60 mins., recovered 150' of slightly wet mud, IRR-1705, IRR-1354, IRR-140, IRR-1945.
White, tripolitic chert and light coloritic chert		4360	4390	Fair porosity, fair scattered dark brown stain, trace of free oil. An Halliburton drill stem test No. 2, packer set at 4360', used 20' anchor, open 1 hour, gas to surface in 1 minute, after 5 mins., gas gauged 2,060 MP, after 15 mins., gas stabilized at 2,010 MP, mud spray in 47 minutes, to oily mud in 55 mins., recovered 190' of heavy oil and wet cut mud, 120' of salt water, IRR-1705, IRR-239, IRR-425, IRR-1705 after 20 mins.
Lime		4390	4595	
Lime and shale		4595	4684	
Lime		4684	4714	TOP LIMESTONE LIME 4592'
Cored from 4710' to 4731' - Recovered 35'				
Top 3' 0"	- dark greenish-gray shale			
Next 2'	- light gray quartzitic sand with phosphatic pebbles, light stain along fractures			
Next 7' 6"	- light medium grained, sub-angular dolomitic sand with slight vertical fractures, good porosity, good even light stain, free oil along fractures			
Next 2' 0"	- lime, poor porosity, good spotted stain			
Next 3' 5"	- light gray, slightly shaly tight sand			
Next 1'	- dark gray sandy shale			
Next 10'	- light gray dolomitic sand, poor porosity, slight bleeding of core.			
Last 5'	- white dolomitic sucrosic sand, fair porosity, no trace of oil, slightly silty			

SKELLY OIL COMPANY

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 S. O. Bishop
 SEC. 19 T. 33 R. 6
 BLOCK _____ SURVEY _____

WELL NO. 2 DISTRICT Platte
 COUNTY Harvey AFE NO. 22105
 STATE Kansas

TYPE OF WORK PLUG AND ABANDON WELL

Date commenced April 12, 1967 Date completed April 14, 1967
 Deepened from _____ to _____ Total Depth _____
 Plugged back from 4730' to Surface P.B.T.D. _____
 Cleaned out from _____ to _____
 Production before Shut In bbls. oil _____ bbls. water _____ cu. ft. gas. _____
 Production after _____ bbls. oil _____ bbls. water _____ cu. ft. gas. _____
 Tools owned by: Ralph Constock Pipe Pulling Kind used: Pulling Machine No. days rig time: 3
 Cost of Job \$ _____ Revised Estimated Payout (Mos.) _____

TREATMENT RECORD

DATE	TYPE TREATMENT	INTERVAL TREATED	AMOUNT OF TREATMENT

CHANGES IN CASING RECORD

STRINGS	SIZE	WHERE SET (Depth)	CEMENTING RECORD		REMARKS
			Sacks Used	Top Cem't. Bh'd. Casp.	
Production					
Liner					Top Liner;

SIZE	WT.	THDS.	KIND	COND.	LEFT IN				PULLED OUT					
					Jts.	Feet	WTM	In.	Jts.	Feet	WTM	In.		
5-1/2"	100	32	555 H2 SS	0	44	2366	0	1376	0	108	3493	0	3493	0

PRODUCING FROM

FORMATION _____ thru OPEN HOLE PERFORATIONS _____ TOP _____ BOTTOM _____ Total No. Shots _____

REMARKS (Give review of work performed and any other comment of interest)

As the lease was no longer economical to operate, regular authority was granted to plug and abandon it.

On April 12, 1967, moved in and rigged up casing pulling unit of Ralph Constock Pipe Pulling, Inc. and plugged the well as follows:

Mud 4730' to 4700'
 5 sacks of cement 4700' to 4675'

Shot 5 1/2" casing at 3558', 3415', and pulled 108 joints (3493') of 5 1/2", 100, 32, R-2, J-55, SS casing (0 cond.)

Mud 4675' to 300'
 Rock bridge 300' to 290'
 25 sacks of cement 290' to 215'
 Mud 215' to 10'
 Rock bridge 10' to 30'
 10 sacks of cement 30' to Base of collar
 Surface soil Collar to Surface

Plugged and abandoned April 14, 1967.

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 CONSERVATION DIVISION
 Wichita, Kansas

