

STATE OF KANSAS
STATE CORPORATION COMMISSION

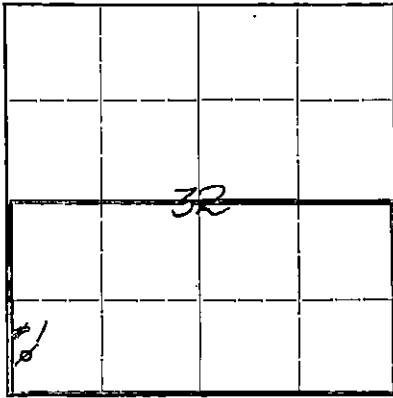
WELL PLUGGING RECORD

All Information Completely
Made 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.

NORTH



Locate well correctly on above
Section Plat

Pawnee County, Sec. 32 Twp. 22 Rge. 15 (E) 15 (W)

Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines SW/4 SW/4 SW/4
Lease Owner Skelly Oil Company
Lease Name M. A. Yeager 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 19, 1941
Application for plugging filed December 23, 1941
Application for plugging approved January 2, 1942
Plugging commenced January 6, 1942
Plugging completed January 6, 1942
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 C. T. Alexander
Producing formation Depth to top Bottom Total Depth of Well 3982 1/2 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

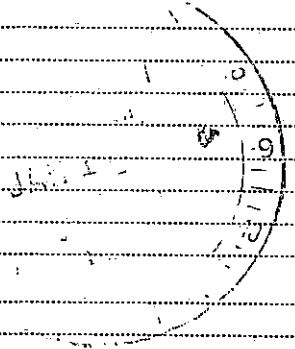
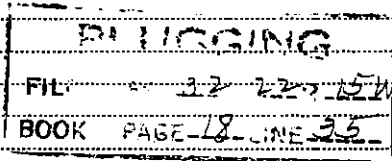
CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
Lansing Lime	Dry	3558	3655	8-5/8" OD	422' 10"	None
Viola Lime	Dry	3889	3898	5-1/2" OD	4054' 6"	2911' 6"
Arbuckle Lime	Dry	4000	4025			

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.

Cement plug from 4025' to 3950'
Heavy mud laden fluid from 3950' to 426'
Wood plug set at 426'
Bridged hole with 10' of chat and 20' of cement from 426' to 396'
Mud laden fluid from 396' to 20'
Cement plug from 20' to 8'
Cellar filled with rock and surface soil 8' to top

1-14-42



(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)

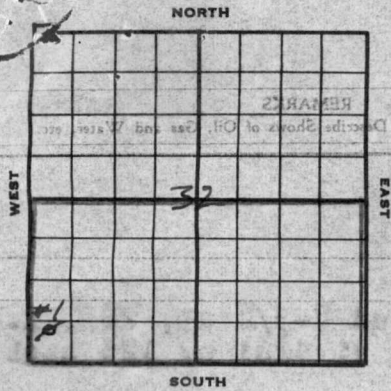
Box 391, Hutchinson, Kansas.
(Address)

SUBSCRIBED AND SWORN TO before me this 13th day of January 1942

Notary Public signature

My commission expires June 22, 1945

SKELLY OIL COMPANY



Well Record

Lease Name and No. A. Yeager #9959 Well No. 1 Elev. 4018'
 Lease Description South Half of Section 32-228-15W
Farmers County, Oklahoma (320 A.)
 Location made Oct. 25, 1941 by George Randolph
 feet from North line _____ feet from East line SW/4
 feet from South line 360 feet from West line 330 of Sec. 32

Work com'd Oct. 28, 1941 Rig comp'd Oct. 31, 1941 Drlg. com'd Nov. 3, 1941 Drlg. comp'd Nov. 19, 1941
 Rig Contractor Rig built by drilling contractor
 Drilling Contractor Ruso Drilling Company, Tulsa, Oklahoma.
 Rotary Drilling from Top to 4025' Cable Tool Drilling from None to _____

Commenced Producing Dry Hole 19 _____
 Initial Prod. before shot or acid _____ Bbls.
 Initial Prod. after shot or acid _____ 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 _____ (Name) _____ Top _____ Bottom _____ TOTAL DEPTH 4025'

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	28 3/4	8	426				21	422	10	Lapweld	"C"	125	Halliburton
5 1/2" OD	17 1/2	8	4021	93	2911	6	41	1143	0	Seamless	"A"	125	Halliburton
5 1/2" OD	20	10								Seamless	"A"		
(8-5/8" casing set 8' in collar and 5 1/2" cased to derrick floor)													
(5 1/2" casing perforated from 3978' to 3988' w/ 36 holes and later cemented off - Perforated from 3961' to 3976' w/ 46 holes)													

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>Nov. 29, 1941</u>	<u>Dec. 11, 1941</u>	<u>Dec. 12, 1941</u>	
Acid Used	<u>750</u> Gals.	<u>750</u> Gals.	<u>1250</u> Gals.	
Size Shot	<u>750</u> Qts.	<u>750</u> Qts.	<u>1250</u> Qts.	
Shot Between	<u>3978</u> Ft. and <u>3988</u> Ft.	<u>3976</u> Ft. and <u>3961 1/2</u> Ft.	<u>3976</u> Ft. and <u>3961 1/2</u> Ft.	
Size of Shell				
Put in by (Co.)	<u>Halliburton</u>	<u>Halliburton</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	
Lansing Lime	<u>3555</u>				<u>3558</u>	<u>3569</u>	Por., light spotted oil stain
					<u>3643</u>	<u>3655</u>	Sh. spotted oil saturation
Conglomerate	<u>3877</u>						
Viola Line	<u>3881</u>				<u>3889</u>	<u>3898</u>	Med. porosity, good stain, no oil saturation.
Simpson Shale	<u>3961</u>						
Simpson Sand	<u>3973</u>				<u>3980</u>	<u>3988</u>	light oil saturation
Arbuckle Line	<u>4000</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
	Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.		
Work com'd Elev. 19	Rig comp'd 19		
Packer Set at	Size and Kind		
Packer Set at	Size and Kind		
Sand and shells	428	530	
Red bed	530	680	
Shale	680	885	
Anhydrite	985	1035	
Shale	1035	1180	
Sandy lime	1180	1270	
White lime	1270	1310	
Grey lime	1310	1380	
Shale	1380	1420	
Lime	1420	1470	
Shale and shells	1470	1520	
Lime	1520	1570	
Shale	1570	1620	
Lime	1620	1670	
Shale	1670	1720	
Lime	1720	1770	
Shale	1770	1820	
Lime	1820	1870	
Shale and lime	1870	1920	
Lime	1920	1970	
Shale	1970	2020	
Shale	2020	2070	
Brown crystalline lime	2070	2120	
Dark grey shale	2120	2170	
Grey crystalline lime	2170	2220	

FORMATION	TOP	BOTTOM	REMARKS
Grey oolitic lime	2220	2270	
Same	2270	2320	
Medium hard grey crystalline lime	2320	2370	
Medium soft grey crystalline lime	2370	2420	
Medium hard grey lime	2420	2470	
Grey porous dolomitic lime	2470	2520	
Medium hard lime	2520	2570	
Grey porous oolitic lime	2570	2620	
Medium hard lime	2620	2670	
Grey oolitic lime	2670	2720	
Grey oolitic and crystalline lime	2720	2770	
Medium hard crystalline lime	2770	2820	
Very soft grey oolitic lime	2820	2870	
Medium hard grey lime	2870	2920	
Very soft grey oolitic lime	2920	2970	
Lime	2970	3020	
Shale	3020	3070	
Dark grey & green shale with little lime	3070	3120	
Weathered yellow, red & grey chert w/ little sand	3120	3170	
Medium hard grey chert w/ little sand and little shale	3170	3220	
Medium soft grey and brown chert	3220	3270	

FORMATION	TOP	BOTTOM	REMARKS
Hard grey chert w/ 10% grey crystalline lime	3270	3320	
Medium soft grey chert with little dolomite	3320	3370	
Hard grey chert and lime	3370	3420	
Green sandy shale	3420	3470	
Grey sand w/ trace of dolomitic sand	3470	3520	
Grey and brown sand w/ 40% brown sandy dolomite	3520	3570	
Grey and dark shale	3570	3620	
Gray chert & finely crystalline dolomite	3620	3670	

FORMATION	TOP	BOTTOM	REMARKS
Drilled with rotary tools	4004	4011	Recovered 3'
Drilled	4011	4019	No porosity
Drilled 7-7/8" hole to 4025'	4019	4025	
TOTAL DEPTH	4025'	4025'	

Drilled with rotary tools 7-7/8" hole to 4025'. Recovered 3' all medium hard grey dolomite and chert, some porosity.

Drilled medium hard grey dolomite and chert. No porosity.

Drilled soft grey porous dolomite. No porosity.

Drilled 7-7/8" hole to 4025'. Cement plug to 3995' and 5 1/2" casing tested OK.

On Nov. 26th, perforated 5 1/2" casing by Lane-wells with 36--1/2" holes from 3978' to 3988' - Slight show of water after perforating. Bailed and tested 4 hours, 60 gallons of water, no oil or gas showing.

Shut down 36 hours over Thanksgiving then bailed hole dry, 8 barrels of water and no oil. Analysis showed drilling water. On Nov. 29th, ran 2" tubing and treated with acid as follows:

ACID TREATMENT NO. 1 - Thru perforations between 3978' and 3988'

Treatment put in by Halliburton Co. 11/29/41 using 750 gallons of Halliburton acid and 113 barrels of oil to fill hole and flush.

TIME	CP	TF	REMARKS:
2:05 PM			Filled hole with 95 barrels of oil then start acid in
2:15 "			Acid on bottom
2:45 "	1000'	600'	710 gallons of acid in
3:30 "	1000'	600'	750 gallons of acid in then start oil in
4:30 "	1000'	1000'	Flushed hole with 18 barrels of oil

After acid treatment, POB 37 hours and recovered 91 barrels of oil used during treatment and 18 barrels of water.

On Dec. 1st, pulled rods and cemented off perforations in 5 1/2" casing with 20 sacks of cement thru 2" tubing. Pulled tubing and shut down WOC.

On Dec. 4th, bailed down and drilled cement plug to 3995'. Tested 2 hours, 45 gallons of water per hour then tested 3 hours, 135 gallons of water. On Dec. 5th, reran 2" tubing and recemented off perforations in 5 1/2" casing with 20 sacks of cement and pressured up to 1600'. Circulated out cement to 3950' and shut down for cement to set.

On Dec. 8th, bailed the hole dry and drilled cement plug from 3926' to 3982 1/2' and casing and cement job tested OK. On Dec. 9th, perforated 5 1/2" casing from 3976' to 3961 1/2' with 46 holes by Lane-wells. After perforating, tested 3 gallons of drilling, or cement water per hour. Ran tubing and on Dec. 11th, treated with acid as follows:

ACID TREATMENT NO. 2 - Thru perforations between 3976' and 3961 1/2'

Treatment put in by Halliburton Co., 12/11/41, using 750 gallons of Halliburton acid and 16 barrels of oil to flush.

TIME	CP	TF	REMARKS:
10:20 AM			Hole full of oil then start acid in
10:45 "	1600'	1200'	700 gallons of acid in
11:05 "	1600'	1200'	750 gallons of acid in then start oil in
1:05 "	1600'	1600'	Flushed hole with 16 barrels of oil.

After acid treatment, ran rods and POB 14 hours 91 barrels of oil and slight show of water.

On Dec. 11th, POB 24 hours, 25 gallons of water per hour and no oil.

On Dec. 12th, treated with acid as follows:

ACID TREATMENT NO. 3 - Between 3976' and 3961 1/2'

Treatment put in by Halliburton Co., 12/12/41, using 1250 gallons of Halliburton acid and 110 barrels of oil to fill hole and flush.

TIME	CP	TF	REMARKS:
4:00 PM			Filled hole with 94 barrels of oil then start acid in
4:20 "	1000'	600'	725 gallons of acid in hole then shut down 5 minutes to repair motor
4:45 "	1200'	800'	1000 gallons of acid in
4:48 "	1400'	1000'	1250 gallons of acid in then start oil in
5:40 "	1400'	1400'	Flushed hole with 16 barrels of oil to complete treatment.

After acid treatment, ran rods and POB 11 hours, 93.75 barrels of oil. On Dec. 13th, POB 8 hours, 7 barrels of fluid of which 1 1/2 was oil and balance water, then shut down for orders.

PRESENT TOTAL DEPTH - 3982 1/2'

Shut down for orders until Dec. 23, 1941, at which time regular authority was granted to plug and abandon the hole. On 12/26/41, pulled rods and tubing and cemented off perforations from 3976' to 3961 1/2' with 20 sacks of cement. SD WOC until 12/28/41 then rigged up tools and started ripping 5 1/2" casing. Ripped and pulled on 5 1/2" casing and on Dec. 31st started pulling same then shut down until Jan. 5, 1942, on account of bad weather. Started up on this date and pulled 2911' 6" of 5 1/2" OD, 17 & 20# SS casing. Tore down tools and on Jan. 6th, plugged hole as follows:

Cement plug from	4025' to 3950'
Heavy mud laden fluid from	3950' to 426'
Wood plug set at	426'
Bridged hole with 10' of chat then dumped in 20' of cement from	426' to 396'
Mud laden fluid from	396' to 20'
Cement plug from	20' to 8'
Cellar filled with rock and surface soil	8' to top

Job completed on January 6, 1942.

