

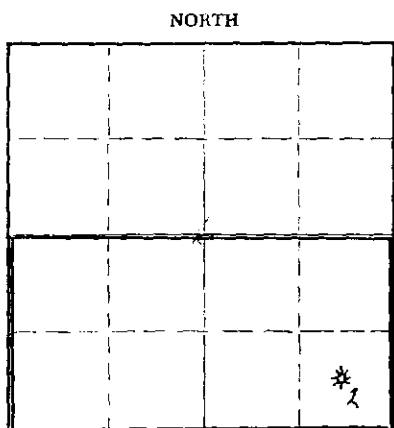
WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

Barber

County. Sec. 6 Twp. 33S Rge. (E) 12 (W)

Location as "NE/CNW/SW" or footage from lines C SE/4 SE/4
Lease Owner Skelly Oil Company
Lease Name G. E. Alexander Well No. 2
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Gas
Date well completed January 22, 19 52
Application for plugging filed March 11, 19 58
Application for plugging approved March 12, 19 58
Plugging commenced March 27, 19 58
Plugging completed April 2, 19 58
Reason for abandonment of well or producing formation Depleted gas well



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production November 1, 19 57
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. W. L. Lackamp
Producing formation Tonganoxie Sand Depth to top 3803' Bottom 3830' Total Depth of Well 3870 Feet
Show depth and thickness of all water, oil and gas formations. PB3830'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	OD SIZE	PUT IN	PULLED OUT
Tonganoxie Sand	Gas	3803'	3870'	8-5/8"	539'0"	None
				5-1/2"	3833'9"	2853'

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.

Bridging plug 3795'
1/2 sack Cal-Seal 3795' to 3790'
Sand 3790' to 3534'
5 sacks cement 3534' to 3494'
Heavy mud 3494' to 345'
Crushed rock 345' to 335'
20 sacks cement 335' to 275'
Heavy mud 275' to 40'
Crushed rock 40' to 30'
10 sacks cement 30' to 6'
Surface soil 6' to 0'

APR 1 1958
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Ace Pipe Pulling Company
Address P.O. 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 17th day of April, 19 58.

My commission expires April 7, 1959 Notary Public.

PLUGGING
6 33 R 124
88 08 33

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 G. E. Alexander

WELL NO. 2 DISTRICT Western Kansas

SEC. 6 T. 33^E R. 12^A

COUNTY Barber EXP. JOB NO. _____

SURVEY _____ BLOCK _____

STATE Kansas

CLEANING OUT RECORD				PLUGGING BACK OR DEEPENING RECORD			
Date commenced.....	19.....			Date commenced.....	December 2, 19 56		
Date completed.....	19.....			Date completed.....	December 14, 19 56		
Cleaned out from.....	to.....	T. D.....		Plugged back 3870' ^{PB} to.....	3840'	T. D. 3840'	
Prod. before.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	Prod. before.....	-- bbls. oil 25	bbls. water 2,335,000	cu. ft. gas.....
Prod. after.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	Prod. after.....	-- bbls. oil 0	bbls. water 13,585,000	cu. ft. gas.....
Kind of tools used:.....				Kind of tools used:.....	Cable		
Tools owned by:.....				Tools owned by:.....	Flournoy Drilling Company		

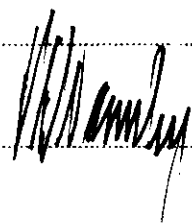
SHOT RECORD

Date	Size shot	Shot between	Size of shell	Put in by (Co.)	Length anchor	Distance below casing	Damage to casing or casing shoulder
	Qts.	Ft. and Ft.					
	Qts.	Ft. and Ft.					
	Qts.	Ft. and Ft.					
	Qts.	Ft. and Ft.					

CHANGES IN CASING RECORD

SIZE	Wt.	Tbds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed

Liner set at..... Length..... Perforated at.....
 Packer set at..... Size and kind.....



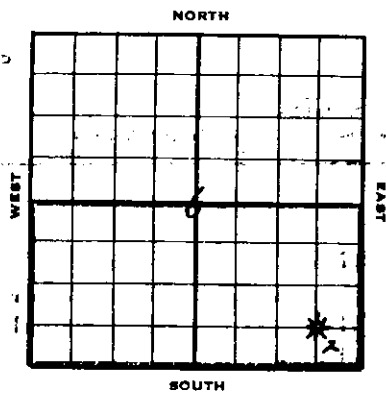
Superintendent.

REMARKS (Give review of work accomplished and any other comment of interest) Moved in and rigged up cable tools of Fleurnoy Drilling Company on December 2, 1954. Loaded hole with oil and pulled tubing. Found hole filled with cavings from 3870' to 3858'. Cleaned out hole to bottom, then ran 2" tubing and set Halliburton DM retainer at 3785'. Tried to cement off open hole from 3803' to 3870' with 100 sacks of cement and 750 gallons of diesel fuel, maximum TP-1400. On December 6, tried to run diesel oil cement job on open hole from 3803' to 3870'. Used 100 sacks of common cement, 750 gallons of diesel fuel and 20 barrels of crude oil, maximum TP-1500. Pulled 2" tubing and drilled out Halliburton DM retainer at 3785'. Ran 2" tubing open end to 3869' and plugged back with 40 sacks of cement from 3870' to 3838'. Raised 2" tubing to 3838', ran steel line measurement and found top of cement at 3816'. Pulled 2" tubing and bailed and cleaned out cement to 3825'. Ran 2" tubing to 3816' and circulated oil to clean up hole. Pulled tubing, drilled cement plug and cleaned out to 3840'. Perforated open hole from 3822' to 3834' with 24 holes by Mexel. Bailed and cleaned out from 3836' to 3840', then ran 2" tubing open end to 3825'. On December 12, swabbed through 2" tubing 3 hours and well started flowing. Flowed through 2" tubing 3 hours to clean up hole. Loaded hole with oil to repair leak in casing head. Repaired leak, then swabbed through 2" tubing 1 hour and well started flowing. On December 14, flowed through 2" tubing 8 hours to clean hole of oil used to load hole, then turned well back into delivery line.

PLUGGED BACK TOTAL DEPTH 3840'

RECORD OF FORMATIONS

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

Well Record #10580

1638' RB
1636' DF
1630' BH

Lease Name and No. **G. E. Alexander** Well No. **2** Elev. **1630' BH**
Lease Description **S/2 Sec. 6-33E-12E of 6th PM, and N/4 SE/4 Sec. 1 & NE/4 NE/4 Sec. 12-33E-13W, Barber Co., K**

Location made **December 5, 1951** by **Barber County Engineer**

660 feet from North line **660** feet from East line **660** feet from South line **660** feet from West line of **Sec. 6**

Work com'd. **12/27** 19 **51** Rig comp'd **12/28** 19 **51** Drlg. com'd. **12/28** 19 **51** Drlg. comp'd. **1/11** 19 **52**

Rig Contractor **Chas. Hulme Drilling Company**

Drilling Contractor **Chas. Hulme Drilling Company, Great Bend, Kansas**

Rotary Drilling from **0'** to **3870'** Cable Tool Drilling from **To complete** to

Commenced Producing **January 22, 1952** Initial Prod. before shot or acid **Bbls.**

Dry Gas Well Press **CP-1080, SI CP-1094** Volume **7,120,000** Cu. ft.

Casing Head Gas Pressure Volume **60** for ind. productivity Cu. ft.

Braden Head **(8-5/8" x 5 1/2" OD)** Gas Pressure Volume **of 163,190 M.C.F.** Cu. ft.

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

PRODUCING FORMATION **Tonganoxie Sand** Top **3803'** Bottom **3870'** TOTAL DEPTH **3870'**

CASING RECORD

OD 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"	24	PE	545'				17	539	0	K3 S3	C	300	Halliburton
5-1/2"	14	BR	3803'				123	3833	9	J55 R2 S3 A	A	125	Halliburton
(8-5/8" casing set 6' in cellar and 5 1/2" cased to derrick floor)													

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				
Acid Used				
Size Shot				
Shot Between	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.
Size of Shell				
Put in by (Co.)				
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder				

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Elgin Sand	3564'						APR 15 1958
Tonganoxie Sand	3820'		3803'	3870'			

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	Prqd. After	REMARKS
1st						See Reverse for other details.
2nd						" " " " "
3rd						" " " " "
4th						" " " " "

(See Reverse for Record of Formation)

PLUGGING RECORD

Date Commenced: March 4, 1958
Date Completed: April 2, 1958

Plugged back from 3830' to 0' Plugged and abandoned

Production Before: 6 MCF gas and 48 barrels water per day

Pulled Out: 93 jts. (2853') of 5 1/2" OD, 14#, 8R, R-2, J-55, S.S. csg. (C)

On March 4, 1958, rigged up cable tools of W. L. Copeland, pulled rods and 2" tubing. Ran Lane-Wells Gamma Ray Neutron Survey. Set Lane-Wells bridging plug at 3795'. Swabbed hole dry and plugged back from 3795' to 3790' with 1/2 sack of Cal-Seal.

Perforated 5 1/2" casing from 3709' to 3714' with 31 holes by Lane-Wells; bailed and tested 4 hours, no shows. Treated through 5 1/2" casing with 250 gallons of Halliburton MCA acid as follows:

ACID TREATMENT NO. 1 - Between 3709' and 3714'

Treatment put in 3/5/58 by Halliburton, using 250 gallons of acid and 96 barrels of oil.

TIME	CP	TP	REMARKS
6:00 pm			Start acid
6:18 pm	200'		Acid on bottom
6:23 pm	1650'		
6:33 pm	900'		
6:35 pm	950'		Acid in

Swabbed through 5 1/2" casing 8 hours, 88 barrels of oil used in treating and no water. Bailed and tested 3 hours, 15 gallons of oil used in treating and 15 gallons of acid water.

Perforated 5 1/2" casing from 3769' to 3776' with 42 holes by Lane-Wells; bailed and tested 2 hours, no shows. Ran 2" tubing and set HM packer at 3758' and treated through tubing with 250 gallons of Halliburton MCA acid as follows:

ACID TREATMENT NO. 2 - Between 3769' and 3776'

Treatment put in 3/6/58 by Halliburton, using 250 gallons of acid and 20 barrels of oil.

TIME	CP	TP	REMARKS
5:30 pm			Start acid
5:33 pm			Start flush
5:46 pm		2900'	Acid on bottom
5:56 pm		1800'	
6:00 pm		1800'	Treatment completed

Swabbed through 2" tubing 14 hours, 12 barrels of oil used in treating and no water. Pulled 2" tubing and HM packer.

Perforated 5 1/2" casing from 3558' to 3562' with 25 holes by Lane-Wells; bailed and tested 2 hours, no shows. Perforated 5 1/2" casing from 3550' to 3554' with 25 holes by Lane-Wells; bailed and tested 5 hours, no shows. Ran 2" tubing and set Halliburton HM packer at 3571'. Treated through 2" tubing with 250 gallons of Halliburton MCA acid as follows:

ACID TREATMENT NO. 3 - Between 3550'-54' and 3558'-62'

Treatment put in 3/8/58 by Halliburton, using 250 gallons of acid and 85 barrels of oil.

TIME	CP	TP	REMARKS
1:30 pm			Start pump
1:45 pm		500'	Start acid
1:47 pm		500'	Start flush
1:50 pm		1000'	Acid on bottom
2:00 pm		1200'	Treatment completed

Pulled 2" tubing and Halliburton HM packer. Swabbed through 5 1/2" casing 6 hours, 81 barrels of oil used in treating. Bailed through 5 1/2" casing 6 hours, 3 gallons of spent acid water with trace of treating oil per hour. Moved out cable tools and shut down for machine to P & A

PLUGGED BACK TOTAL DEPTH 3790'

On March 27, moved in plugging machine and plugged the well as follows:

Sand	3790' to 3534'
5 sacks of cement	3534' to 3494'

Shot off 5 1/2" casing at 3186', 3090', 3009', 2912', and 2852'. Pulled 92 joints (2820') of 5 1/2" OD, 14#, 8R, R-2, J-55, S.S. casing (C cond.) and 1 joint (33') same (D cond.)

Heavy mud
Crushed rock
20 sacks of cement
Heavy mud
Crushed rock
10 sacks of cement
Surface soil

3494 to 3450
3450 to 3350
3350 to 2750
2750 to 400
400 to 300
300 to 80
60 to 0

Plugged and abandoned April 2, 1958.

PLUGGING
FILE SED 6 T 33 R 124
BOOK PAGE 88 LINE 23

INSTALL PUMPING EQUIPMENT

Date Commenced: January 27, 1957

Date Completed: February 18, 1957

Plugged back from 3840' to 3830'

F# TD-3830'

Production Before: 591 M.C.F. gas with 124 barrels water per day
Production After: 2,000 M.C.F. gas with 7 barrels water per hour

Producing Formation: Tonganoxie Sand

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Moved in and rigged up cable tools of W. L. Copeland Drilling Company on January 27, 1957. Loaded hole with water and pulled 2" tubing. Reran 2" tubing and set DM retainer at 3785' and cemented off open hole from 3803' to 3840' with 75 sacks of common cement, maximum TP-2000%. Pulled 2" tubing and shut down for cement to set.

Swabbed and bailed the hole down on January 31. Drilled retainer at 3785' and drilled cement plug and cleaned out to 3828' and well started flowing water and gas. Flowed through 5 1/2" casing 18 hours, gas gauged 2,000 M.C.F. with 10 barrels of water per hour.

Ran 2" tubing and set Halliburton DM retainer at 3790' and cemented off open hole from 3803' to 3828' with 75 sacks of common cement, maximum TP-2800%. Pulled 2" tubing and shut down for cement to set.

On February 5, swabbed and bailed the hole dry to top of retainer at 3790'. Drilled retainer, then drilled cement plug and cleaned out to 3828'. Swabbed through 5 1/2" casing 18 hours, 11 barrels of salt water per hour, gas gauged 500 M.C.F. On February 7, ran 2" tubing open end to 3827'. Circulated hole with water to stabilize well. Pulled 2" tubing and reran tubing and set DM retainer at 3784'. Recemented off open hole from 3803' to 3828' with 75 sacks of common cement, maximum TP-2800%. Pulled 2" tubing and shut down for cement to set.

On February 11, swabbed and bailed the hole dry to top of cement retainer at 3784'. Drilled cement retainer, cement plug, and cleaned out to 3830'.

PLUGGED BACK TOTAL DEPTH 3830'

Swabbed through 5 1/2" casing 5 hours, 12 barrels of water per hour, gas gauged 400 M.C.F. On February 12, swabbed through 5 1/2" casing 5 hours, 12 barrels of water per hour, gas gauged 800 M.C.F., well started flowing. Flowed through 5 1/2" casing 5 hours, 7 barrels of water per hour, gas gauged 2,000 M.C.F. Loaded hole with water, and ran 2" tubing and rods and moved out cable tools. Installed surface pumping equipment to remove water heads from well.

On February 18, started well pumping, and turned back into delivery line.

[Handwritten Signature]

WICHITA STATE UNIVERSITY
WICHITA, KANSAS