

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

Rawlins

County. Sec. 33 Twp. 1S Rge. (E) 32 (W)

Location as "NE/CNW/SW" or footage from lines SW/4 SW/4 SW/4

Lease Owner Skelly Oil Company

Lease Name Kompus "A" Well No. 1

Office Address P. O. Drawer 310, Sterling, Colorado

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

Date well completed August 13 1959

Application for plugging filed February 23 1960

Application for plugging approved February 29 1960

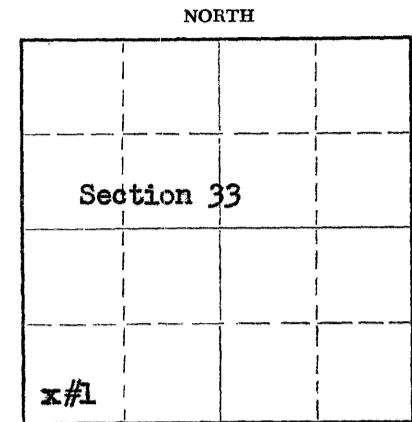
Plugging commenced April 24 1960

Plugging completed April 24 1960

Reason for abandonment of well or producing formation Non-profitable to operate.

If a producing well is abandoned, date of last production January 14 1960

Was permission obtained from the Conservation Division or its agents before plugging was commenced? yes



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well A. D. Fabricius

Producing formation Lansing Lime Depth to top 3890' Bottom 4148' Total Depth of Well 4641' 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
Topeka	Dry	3743'	3890'	8-5/8" OD	401'	0
Lansing Lime	Oil	3890'	4148'	5 1/2" OD	4398'	2816'
Marmaton	Dry	4182'	4302'			
Cherokee	Dry	4369'	4480'			
Arbuckle	Dry	4480'	4572'			
Reagan	Dry	4572'	4620'			
Pre-Cambrian	Dry	4620'	4641'			

Produced from Lansing Formation, Casing Perforations 4069'-4072'.

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.

Plugged Well as Follows:

- 4145' - 3745' - Filled with sand
- 3745' - 3724' - Spotted 3 sacks regular cement
- 3724' - 407' - 10# drilling mud
- 407' - 402' - Set rock bridge
- 402' - 332' - Spotted 25 sacks regular cement
- 332' - 40' - 10# drilling mud
- 40' - 35' - Set rock bridge
- 35' - 4' - Spotted 10 sacks regular cement
- 4' - Surface - Filled cellar with dirt

RECEIVED  
STATE CORP COMMISSION

APR 29 1960  
04-29-1960  
CONSERVATION DIVISION  
Wichita, Kansas

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

Name of Plugging Contractor Don Adams Casing Pulling Company

Address Sterling, Colorado

STATE OF Colorado, COUNTY OF Logan, ss.

C. F. Bass (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) C. F. Bass

P. O. Drawer 310, Sterling, Colorado

(Address)

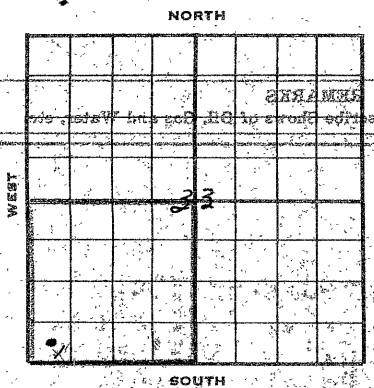
SUBSCRIBED AND SWORN TO before me this 26 day of April, 1960

Ralph E. Felix Jr

My commission expires My Commission expires June 26, 1961

Notary Public.





15-153-19003-00-00

# SKELLY OIL COMPANY

## Well Record

Lease Name and No. **Trampus #1** Well No. **2** Elev. **2966'**  
 Lease Description **3/4 Section 33-18-32N, Nowata County, Kansas (160 Acres)**  
 Location made **March 13, 1959** by **L. D. Morris**  
 feet from North line **330** feet from East line **330**  
 feet from South line **330** feet from West line of **Sec. 33**

Work com'd **3/16 1959** Rig com'd **3/17 1959** Drlg. com'd **3/17 1959**  
 Rig Contractor **OO Commenced July 9, 1959**  
 Drilling Contractor **Claude Westworth Drig., Co., Inc., Tulsa, Oklahoma**  
 Rotary Drilling from **0'** to **4611'** Cable Tool Drilling from **To complete** to

Commenced Producing **August 13, 1959** Initial Prod. before shot or acid **100 Bbls.**  
 Initial Prod. after shot or acid **17 Bbls. 24 hrs. 30-16 20**

Dry Gas Well Press. Volume **4069'** Cu. ft.  
 Casing Head Gas Pressure Volume **4072'** Cu. ft.  
 Braden Head ( **4-5/8" 51" OD** ) Gas Pressure Volume **4611'** Cu. ft.  
 Braden Head ( ) Gas Pressure Volume **4620'** Cu. ft.

PRODUCING FORMATION **Lansing Lime** (Name) Top **4069'** Bottom **4120'** TOTAL DEPTH **4611'**

### CASING RECORD

OD Size	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	Sacks Used	CEMENTING Method Employed
				Jts.	Feet	In.	Jts.	Feet	In.				
8-5/8"	22.7	37	407'				11	461	0	Arneo SW A	300	Hallib. 405' 6"	
5-1/2"	14	82	4400'				138	4398	0	J55 H2 SW A	300	Hallib. 4434' 3"	
(8-5/8" casing cut off 3' below ground level, and 5 1/2" cut off 1' above ground level)													
5 1/2" casing Perforations Open													
Above TB TB: 4069'-4072'/12, 4111'-4120' / 36 holes													
Below TB TB: 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	7/21, 22/59	7/22/59	7/23/59	
Acid Used Size Shot	250 Gals. Qts.	400 Gals. Qts.	750 Gals. Qts.	
Shot Between	4111 Ft. and 4115 Ft.	4111 Ft. and 4120 Ft.	4111 Ft. and 4120 Ft.	
Size of Shell	1 1/2"	NV & 1 1/2"	1 1/2"	
Put in by (Co.)	Halliburton	Halliburton	Halliburton	
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	
Topokh Line	3743'						
Lansing Line	3890'				4069'	4072'	Prod. thro cas. perf.
Marston Line	4182'				4111'	4120'	"
Cherokee Line	4302'						
Artuckle Line	4400'						
Keegan Sand	4572'						
Pre-Cambrian	4620'						

### 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 and mud	0	110	
Sand	110	225	
Blue shale	225	408	Set and cemented 8-5/8" OD, 22.7#, Arco S.S., S.J. steel casing (A cond.) at 407' with 300 sacks of Pozmix cement with 1/4# Flocele per sack. Cement circulated. Finished cementing at 8:00 pm 3/17/59.
Shale	408	2225	
Sand	2225	2275	
Shale and shells	2275	2728	
Anhydrite	2728	2765	
Shale and shells	2765	3365	
Lime and shale	3365	3730	
Lime	3730	3837	<u>TOP TOPEKA LIME 3743'</u>
White, fine medium crystalline lime	3837	3843	Fair porosity and oil stain
Lime	3843	3874	
White, crypto-crystalline lime	3874	3876	Slight porosity, dead oil stain
Lime	3876	3901	<u>TOP LANSTING LIME 3890'</u> <u>DRILL STEM TEST NO. 1</u> Top packer set at 3836', bottom packer at 3847', used 54' anchor, open 1 hour, weak blow throughout test, recovered 5' of heavily oil cut mud and 120' of muddy water, all pressures 0%, bomb clock failure.
Lime	3901	3930	
White lime, crypto to fine crystalline, fossiliferous	3930	3934	Good vuggy porosity, good oil stain
Lime	3934	3940	<u>DRILL STEM TEST NO. 2</u> 3931'-3940', open 1 hour, slight blow of air for 30 seconds, then quit, recovered 15' of heavy mud, perforations on tool plugged, IHHP-1600# in 30 mins., IFP-1200#, FFP-1200#, FHP-1300# in 30 minutes.
Lime and shale	3940	3950	No shows <u>DRILL STEM TEST NO. 3</u> 3931'-3950', open 1 hour, weak blow for 5 mins., then quit, recovered 30' of mud, no oil, IHHP-1170# in 30 mins., IFP-0#, FFP-0#, FHP-525# in 30 mins., hydrostatic pressure 2060#.
Lime and shale	3950	3963	<u>DRILL STEM TEST NO. 4</u> 3874'-3950', open 1 hour, weak blow for 20 mins., recovered 90' of drilling mud, no oil, IHHP-880# in 30 mins., IFP-40#, FFP-65#, FHP-390# in 30 mins., hydrostatic pressure 2010#.
Buff, fine medium crystalline fossiliferous lime	3963	3973	Fair vuggy porosity, oil stained
Lime and shale	3973	3975	<u>DRILL STEM TEST NO. 5</u> 3948'-3975', open 1 hour, no blow, recovered 3' of drilling mud, no oil, IHHP-970# in 30 mins., IFP-0#, FFP-0#, FHP-0# in 30 mins., hydrostatic pressure 2035#.
Fine, white crystalline lime, calcitic	3975	4065	
	4065	4071	Good inter-collitic porosity, light oil stain and saturation

Line	4071	4087	<u>DRILL STEM TEST NO. 6</u> 4070'-4087', open 1 hour, weak blow for 2 minutes, re- covered 3' of drilling mud, no oil, IHP-340' in 30 mins., IPT-0', FPP-0', FHP-80' in 30 minutes.
Line	4087	4109	
White, fine crystalline lime, chalky	4109	4113	Fine vuggy porosity, spotted light stain
Line	4113	4120	<u>DRILL STEM TEST NO. 7</u> 4082'-4120', open 1 hour, weak blow for 5 mins., re- covered 1' free oil and 9' of heavily oil cut mud, IHP-1175' in 30 mins., IPT- 0', FPP-0', FHP-910' in 30 minutes.
Line and shale	4120	4307	<u>BASE KANSAS CITY LIME 4145'</u> <u>TOP KANSAS LIME 4182'</u> <u>TOP CHEROKEE LIME 4302'</u>
White dense lime	4307	4309	Slight vuggy porosity, some dead oil staining
Line	4309	4441	<u>TOP CHEROKEE SAND 4362'</u> San Halliburton drill stem test No. 8 4371'-4441', open 1 hour, strong blow for 20 mins., then quit, recovered 2350' muddy salt water, no oil, IHP-1100' in 20 mins., IPT-690', FPP-1100', FHP- 1100' in 20 mins.
Conglomerate	4441	4466	<u>TOP ARIZONA LIME 4480'</u>
White to red, medium crystalline glauconitic dolomite	4466	4500	Good porosity, no oil shows, slightly sandy near base
			<u>DRILL STEM TEST NO. 9</u> 4442'-4500', open 1 hour, strong blow to weak blow throughout test, recovered 2490' of muddy salt water, no oil, IHP-1140' in 30 mins., IPT-610', FPP-1140', FHP- 1140' in 30 mins.
Line	4500	4566	
Sand	4566	4573	<u>TOP BEAGAN SAND 4572'</u>
Line, shale and sand	4573	4594	<u>DRILL STEM TEST NO. 10</u> 4504'-4594', open 1 hour, strong blow decreasing to weak blow at end of 1 hour, recovered 2580' of muddy salt water, no oil, IHP-1200' in 20 minutes, IPT-610', FPP- 1200', FHP-1200' in 20 mins.
Line and shale	4594	4610	
Line	4610	4620	<u>TOP PRE-CAMBRIAN GRANITE 4620'</u>
Red coarsely crystalline granite with slight fractures	4620	4641	No porosity or shows See Schlumberger Survey
			<u>DRILL STEM TEST NO. 11</u> 4623'-4641', open 1 1/2 hours, weak blow for 7 mins., dead for 43 mins., then started blowing, strong blow for 40 mins., recovered 1150' of salt water, IHP-50' in 20 minutes, IPT-0', FPP-530', FHP-1200' in 20 mins.

TOTAL DEPTH 4641'

Total Depth Reached: 4/7/59

This well was originally drilled as the J. W. Kampus well No. 1 and plugged and abandoned as a dry hole April 9, 1959. After further discoveries in this area a review of the well was made, and it was decided to re-open the hole, set casing, and test further the shows encountered in the initial drilling.

Rotary tools of Claude Wentworth Drilling Company were moved in and rigged up on July 9, 1959, and the well was washed out and cleaned out to 4530'.

WVS WONO

Set and cemented 5 1/2" OD, 14#, SR, B-2, J-55, S.S. casing (A cond.) at 4400\* with 300 sacks of special oil well cement, used 120 barrels of oil gelled with 120 sacks of Howes Gel ahead of cement. Circulated out 20 barrels of oil. Finished cementing at 11:00 am 7/13/59. Halliburton Temperature Survey showed top of cement behind 5 1/2" casing at 3100\*.

Rigged up cable tools on July 20, swabbed and bailed the hole dry to top of cement plug at 4353\* and hole tested dry. Ran Lane-Wells Gamma Ray Collar Log. Set Lane-Wells bridging plug at 4152\*.

Casing Perforation No. 1 - Lansing Line - 4111\*-4115\*  
4111\*-4115\* 8 A-2 holes

Tested 5 gallons of muddy salt water with show of oil per hour for 2 hours.

4113\*-4115\* 6 A-2 holes

Bailed 7 hours, last 1 hour tested 5 1/2 gallons of muddy salt water with show of oil. Treated through 5 1/2" casing with 250 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 1 - Acidized - 4111\*-4115\*

Treatment put in 7/21, 22/59 by Halliburton, using 250 gallons of acid and 102 barrels of water.

TIME	SP	IP	REMARKS
9:17 pm			Start acid
9:37 pm	100%		Acid on formation
10:55 pm	400%		
11:45 pm	500%		
12:45 am	500%		
3:01 am	500%		Treatment completed

Swabbed through 5 1/2" casing 3 hours and swabbed to bottom, 102 barrels of water used in treating and 4 barrels of acid water. Bailed 4 hours, 3 gallons of oil and 26 gallons of partly acid water per hour.

Casing Perforation No. 2 - Lansing Line - 4115\*-4120\*  
4115\*-4120\* 20 A-2 holes

Bailed 6 hours, 5 gallons of oil and 5 gallons of water per hour. Treated through 5 1/2" casing with 100 gallons of Halliburton HV acid followed by 20 nylon rubber coated balls, followed with 300 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 2 - Acidized - 4111\*-4120\*

Treatment put in 7/22/59 by Halliburton, using 400 gallons of acid and 101 barrels of water.

TIME	SP	IP	REMARKS
10:17 pm	500%		Acid on formation
10:37 pm	850%		
10:40 pm	800%		Treatment completed

Swabbed through 5 1/2" casing 3 hours and swabbed to bottom, 101 barrels of water used in treating and 5 barrels of acid water. Swabbed off bottom 2 hours, 4 barrels partly acid water with show of oil. Swabbed 1 hour, 3/4 gallon of oil and 32 gallons of water. On July 23, swabbed through 5 1/2" casing 4 hours, 2 gallons of oil and 22 gallons of part acid water per hour. Treated through 5 1/2" casing with 750 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 3 - Acidized - 4111\*-4120\*

Treatment put in 7/23/59 by Halliburton, using 750 gallons of acid and 105 barrels of water.

TIME	SP	IP	REMARKS
11:10 am			Acid on formation
11:12 am	700%		
11:30 am	775%		
11:44 am	800%		Treatment completed

Swabbed through 5 1/2" casing 3 hours, 105 barrels of water used in treating and 18 barrels of acid water. Swabbed off bottom 5 hours, 10 barrels of oil and 16 barrels of water; then swabbed 5 hours, 14 barrels of oil and 11 barrels of water (oil 30° gravity).

On July 24, swabbed through 5 1/2" casing 4 hours, 4 barrels of oil and 7 1/2 barrels of water. Treated through 5 1/2" casing with 1250 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 4 - Acidized - 4111'-4120'

Treatment put in 7/24/59 by Halliburton, using 1250 gallons of acid and 112 barrels of water.

TIME	OP	RE	REMARKS
2:00 pm			Start acid
2:15 pm			Acid on formation
2:21 pm	500'		
2:23 pm	300'		Treatment completed

Swabbed through 5 1/2" casing 3 hours, 112 barrels of water used in treating. Then swabbed off bottom 5 hours, 2 barrels of oil and 17 barrels of acid water. Swabbed 6 hours, 5 barrels of oil and 12 barrels of acid water. On July 25, swabbed through 5 1/2" casing 11 hours, 9 barrels of oil and 10 barrels of water.

Set Lane-Wells bridging plug at 4095'.

Casing Perforation No. 3 - Lancing Line - 4050'-4072'  
4067'-4072' 12 A-2 holes

Bailed 5 hours, 1 1/2 gallon of muddy oil and 7 gallons of water per hour. Bailed 2 hours, 10 gallons of oil and 2 gallons of water first hour; 20 gallons oil and 1 gallon water second hour. Swabbed through 5 1/2" casing 1 hour, 2-1/3 barrels of fluid, 20% water. Then swabbed 1 hour, 1.16 barrels fluid, 16% water. Then swabbed 1 hour, 0.47 barrels of oil, 16% water. On July 26, swabbed through 5 1/2" casing 3 hours, 38 gallons of oil and 10 gallons of water per hour. Treated through 5 1/2" casing with 250 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 5 - Acidized - 4059'-4072'

Treatment put in 7/26/59 by Halliburton, using 250 gallons of acid and 100 barrels of oil.

TIME	OP	RE	REMARKS
9:55 am			Start acid
10:10 am	0'		Acid on formation
10:24 am	0'		Treatment completed

Swabbed through 5 1/2" casing 2 hours, 85 barrels of water used in treating and swabbed to bottom. Swabbed off bottom 6 hours, 11 barrels of oil and 11 barrels of water used in treating. Then swabbed 11 hours, 6 barrels of oil and 22 barrels of water, partly acid water (oil 36 degree gravity).

Run over bridging plug from 4095' to 4145', then swabbed through 5 1/2" casing 7 hours, 8 barrels of oil and 14 barrels of water.

Set Lane-Wells bridging plug at 4030'.

Casing Perforation No. 4 - Lancing Line - 3982'-3988'  
3984'-3988' 8 A-2 holes

Bailed 4 hours, 5 gallons water with show of muddy oil per hour.

3984'-3988' 16 A-2 holes

Bailed 2 hours, 6 gallons water with show of oil per hour.

Treated through 5 1/2" casing with 250 gallons of Halliburton MCA acid as follows:

TREATMENT NO. 6 - Acidized - 3982'-3988'

Treatment put in 7/28/59 by Halliburton, using 250 gallons of acid and 98 1/2 barrels of water.

TIME	OP	RE	REMARKS
1:20 pm			Acid on formation
1:50 pm	200'		
3:30 pm	300'		
5:30 pm	350'		
5:00 pm	400'		Treatment completed

Swabbed through 5 1/2" casing 2 hours, 39 barrels of water used in treating and swabbed to bottom. Swabbed off bottom 9 hours, show of oil and 21 barrels of water.

Run 2" tubing and set Halliburton DM retainer at 3951'. Cemented off perforations from 3982' to 3988' with 84 sacks of 50# cement, maximum IP-1000', 28 sacks below retainer, reversed out 56 sacks of cement. Finished cementing at 5:00 pm 7/29/59. Pailed tubing and shut down for cement to set.

On July 30, swabbed and bailed the hole dry to top of retainer at 3951'. Drilled cement plug to 3981' and hole tested dry.

Casing Perforation No. 5 - Lansing Line - 3975'-3980'  
3975'-3980' 20 A-2 holes

Bailed 4 hours, 22 gallons of water per hour with show of oil. Treated through 5 1/2" casing with 250 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 7 - Acidized - 3975'-3980'

Treatment put in 7/31/59 by Halliburton, using 250 gallons of acid and 98 barrels of water.

TIME	CP	IP	REMARKS
7:09 pm			Started acid
7:11 pm			Start flush
7:27 pm	100#		Hole loaded
9:27 pm	200#		
10:27 pm	500#		
11:52 pm	950#		Treatment completed

Swabbed through 5 1/2" casing 2 hours, 98 barrels of water used in treating and 6 barrels of acid water. Swabbed off bottom 5 hours, 12 barrels of water with some of oil. On August 1, bailed 3 hours, 2.16 barrels of water with show of oil.

Set Lane-Wells bridging plug at 3960' and hole tested dry.

Casing Perforation No. 6 - Lansing Line - 3941'-3946'  
3941'-3946' 28 A-2 holes

Bailed 4 hours, 30 gallons of water with show of oil per hour. Treated through 5 1/2" casing with 200 gallons of Halliburton 15% acid as follows:

TREATMENT NO. 8 - Acidized between 3941' and 3946'

Treatment put in 8/1/59 by Halliburton, using 200 gallons of acid and 98 barrels of water.

TIME	CP	IP	REMARKS
8:30 pm	100#		Acid on formation
9:30 pm	250#		
10:00 pm	350#		
10:40 pm	350#		Treatment completed

Swabbed through 5 1/2" casing 2 hours, 98 barrels of water used in treating and swabbed to bottom. Then swabbed 4 hours, 8 barrels of water, partly acid water with show of oil. On August 2, swabbed through 5 1/2" casing 4 hours, 80 gallons of water per hour with some of oil.

Casing Perforation No. 7 - Lansing Line - 3934'-3936'  
3934'-3936' 12 holes

Swabbed 2 hours, no increase in fluid. Treated through 5 1/2" casing with 100 gallons of Halliburton HV acid and 250 gallons of Halliburton 15% penetrating acid as follows:

TREATMENT NO. 9 - Acidized - 3934'-36' and 3941'-48'

Treatment put in 8/2/59 by Halliburton, using 350 gallons of acid and 100 barrels of water.

TIME	CP	IP	REMARKS
1:15 pm			Start acid
1:29 pm			Acid on formation
1:30 pm	600#		100 gallons of acid in
1:32 pm	750#		200 gallons of acid in
1:45 pm	850#		350 gallons of acid in, treatment completed

Swabbed through 5 1/2" casing 3 hours, 100 barrels of water used in treating. Then swabbed off bottom 6 hours, 10 1/2 barrels of water with some of oil.

Drilled and drove bridging plug from 3960' to 3982'. Ran 2" tubing and set HW retainer at 3910' and cemented off perforations from 3936' to 3980' with 90 sacks of SW cement, 80 sacks below retainer at 2500#-IP. Reversed but 10 sacks. Finished cementing at 5:00 pm 8/3/59. Pulled tubing and swabbed hole dry.

Casing Perforation No. 8 - Tazewell Line - 3838'-3842'  
3838'-3842' 16 A-2 holes

Swabbed through 5 1/2" casing 5 hours, 16.83 barrels of water and no oil.

On August 4, set Lane-Wells bridging plug at 3820'. Bailed the hole dry.

Casing Perforation No. 9 - Bucka Line - 3800'-3804'  
3800'-3804' 16 holes

Swabbed through 5 1/2" casing 7 hours, 2.3 barrels water per hour withicum of oil.

3804'-3808' 16 holes

Swabbed through 5 1/2" casing 6 hours, no change in fluid.

Set Lane-Wells bridging plug at 3797'. Swabbed and bailed the hole dry.

Casing Perforation No. 10 - Bucka Line - 3794'-3796'  
3794'-3796' 8 1-2 holes

Swabbed through 5 1/2" casing 7 hours, 3 barrels of salt water, no oil.

Drove bridging plug from 3797' to 3820'. Drilled and drove plugs from 3820' to DM retainer at 3910'. Ran 2" tubing and set DM retainer at 3770'. Cemented off perforations from 3794' to 3796', 3800'-3804', and 3838'-3842' with 150 sacks, 140 sacks below retainer at 2500'-TP. Reversed out 10 sacks. Finished cementing at 1:00 pm 8/6/59. Pulled 2" tubing and swabbed the hole dry.

Casing Perforation No. 11 - Bucka Line - 3750'-3760'  
3750'-3760' 40 1-2 holes

Swabbed through 5 1/2" casing 9 hours, 41 barrels of salt water, no oil.

Ran 2" tubing and set Halliburton DM retainer at 3720'. Cemented off perforations from 3750' to 3760' with 100 sacks of common cement, estimated 85 sacks below retainer at 1500'-TP. Reversed out estimated 15 sacks. Finished cementing at 3:30 pm 8/7/59. Pulled 2" tubing and swabbed the hole dry to top of retainer at 3720'.

On August 8, drilled out retainer at 3720'. Drilled retainer at 3770', old perforations leaking 4 to 5 gallons of water per hour. Drilled cement plug to 3796' and retainer at 3796'; drilled cement from 3727' to 3843'. Bailed hole dry to 3910'; tested 4 gallons of water per hour. Drilled retainer at 3910' and cement plug to 3990'. Bailed to 4030' and tested 4 gallons of water per hour. Dumped 30 barrels of water in hole and drove bridging plug from 4030' to 4145'.

PLUGGED BACK TOTAL DEPTH 4145'.

Bailed hole clean and ran 2" tubing and rods. PDB 8 hours, 20 barrels oil (30° gravity) and 20 barrels of water. On August 12, PDB 9 hours, 15 barrels of oil and 10 barrels of water.

On August 13 and 14, PDB 24 hours, 30.14 barrels of oil and 19 barrels of water to establish 24 hour State Corporation Commission potential of 30 barrels. This potential allows 25 barrels of oil per day for the remainder of August, 1959.

## SLOPE TEST DATA

DEPTH	ANGLE OF DEFLECTION
400'	1/2 Degree
1030'	1/2 "
1520'	1/2 "
2145'	1/2 "
2275'	1/2 "
2730'	1/2 "
3105'	1/2 "
3798'	1/2 "
3987'	1/2 "
4500'	3/4 "



**RECEIVED**  
STATE CORPORATION COMMISSION

APR 29 1960

CONSERVATION DIVISION  
Wichita, Kansas