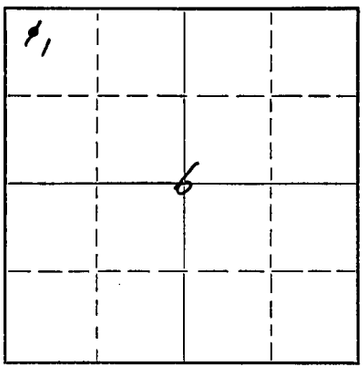
15-163-04061-0000

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

Rooks County. Sec. 6 Twp. 10S Rge. (E) 19 (W)

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

Lease Owner Skelly Oil Company

Lease Name Chas. L. Pywell Well No. 1

Office Address Box 1650, Tulsa, Oklahoma

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

Date well completed October 22, 19 50

Application for plugging filed October 17, 19 51

Application for plugging approved October 18, 19 51

Plugging commenced November 8, 19 51

Plugging completed November 8, 19 51

Reason for abandonment of well or producing formation Depleted Oil Well

If a producing well is abandoned, date of last production September 30, 19 51

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. Eldon Petty 3817'

Producing formation Arbuckle Lime Depth to top 3798' Bottom 3803' Total Depth of Well PB 3803 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
Arbuckle Lime	Oil	3798'	3803'	8-5/8"	288'0"	None
				5-1/2"	3800'4"	2632'2"

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		3515'
25 gallons crushed rock	3515' to	3490'
5 sacks of cement	3490' to	3450'
Mud laden fluid	3450' to	294'
Rock	294' to	284'
15 sacks of cement	284' to	254'
Mud laden fluid	254' to	35'
Rock	35' to	25'
10 sacks of cement	25' to	6'
Surface soil	6' to	0'

RECEIVED
STATE CORPORATION COMMISSION
NOV 17 1951
11-17-51
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Claude Wentworth Drilling Co., Inc.

Address Claude Wentworth Drilling Co., Inc., Tulsa, Oklahoma

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 16th day of November, 19 51

Josephine L. Johnson
Notary Public.

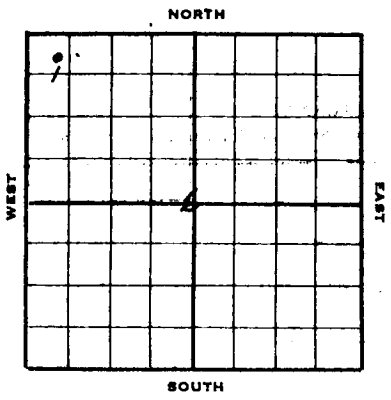
My commission expires April 7, 1951

23-8390-s 6-51—20M

6 10 196
17 89

Form N47A Rev.

15-163-04061-0000



SKELLY OIL COMPANY

Well Record

Lease Name and No. Chas. L. Fywell Well No. 1 Elev. 2221'BH 2225'DF

Lease Description NW/4 ection 6-10S-19W, Rooks County, Kansas (160 acres)

Location made Sept. 6, 1950 by P. J. Cussen

330 feet from North line ____ feet from East line } NW/4 of sc. 6

____ feet from South line 430 feet from West line }

Work com'd 9/7 1950 Rig comp'd 9/8 1950 Drlg. com'd 9/8 1950 Drlg. comp'd 9/29 1950

Rig Contractor Veeder Supply & Development Co.

Drilling Contractor Veeder Supply & Development Co., Cherryvale, Kansas

Rotary Drilling from 0' to 3774' Cable Tool Drilling from 3774' to 3817' wtr.

Commenced Producing October 22, 1950 { Initial Prod. before shot or acid xxxx Bailed 5 gal. oil/hr. no Bbls.

Initial Prod. after shot or acid xxxx POB 8 hrs. 27 BO 34 BW Bbls. to estab. 24 hr. CO pot. of 31 bbls. }

Dry Gas Well Press. ____ Volume ____ Cu. ft.

Casing Head Gas Pressure ____ Volume ____ Cu. ft.

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

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

PRODUCING FORMATION Arbuckle Lime (Name) Top 3798' Bottom 3803' TOTAL DEPTH 3817' PB 3803'

CASING RECORD

OD 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"	24#	PL	294'				7	288	0	H3 SS	C	150	Halliburton
5-1/2"	14#	8R					80	2534	4	H40 H2 [illegible]	A		
5-1/2"	14#	8R	3771'				39	1266	0	J55 H2 SS	A	200	Halliburton
4-1/2"	9½#	PB	3798'				5	97	11	H40 H2 SS	A	25	Halliburton

(8-5/8" OD casing set 6' in cellar and 5½" cased to derrick floor)

4½" OD Liner Set at 3798' Length 98' 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	10/6/50	10/7/50	10/11/50	
Acid Used Size Shot	250 Gals. xx Qts.	500 Gals. xx Qts.	1500 Gals. xx Qts.	Gals. Qts.
Shot Between	3798 Ft. and 3803 Ft.	3798 Ft. and 3803 Ft.	3798 Ft. and 3803 Ft.	Ft. and Ft.
Size of Shell				For remaining treatments see remarks
Put in by (Co.)	Dowell Inc.	Dowell Inc.	Dowell Inc.	
Length anchor				
Distance below Cas'g				
Damage to Casing or Casing Shoulder				

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS From	GAS To	OIL From	OIL To	REMARKS
Topeka Lime	3245'				3375	3380	Fair sat. and stain
Heebner Shale	3428'						
Top Toronto Lime	3447'						
Lansing Lime	3463'						
Conglomerate	3713'						
Arbuckle Lime	3797'				3798'	3801'	Good oil stain & show live oil
					3801'	3806'	Fli. por. & stain

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 and sand	0	50	
Shale and sand	50	170	
Shale	170	295	Set and cemented 8-5/8" OD, 24#, P.P., R-3, S.T. casing (6 cond.) at 294' with 150 sacks of cement and 3 sacks of aquagel. Cement circulated.
Reamed 9-7/8" hole to 12-1/4"			
Shale	295	375	
Shale and shells	375	750	
Sand and shale	750	1050	
Sand	1050	1380	
Sand and shale	1380	1440	
Sandy shale, shells and iron	1440	1600	
Shale and shells	1600	1610	
Anhydrite	1610	1670	
Shale and shells	1670	2080	
Lime shells, shale and salt	2080	2175	
Shale and shells	2175	2260	
Lime and shale	2260	2550	
Lime	2550	2660	
Lime and shale	2660	2715	
Lime	2715	2800	
Lime and shale	2800	3065	
Lime	3065	3170	
Lime and shale	3170	3245	TOP TOPEKA LIME 3245'
Fine crystalline and chalky lime	3245	3253	Poor porosity, light stain
Lime and shale	3253	3350	
Lime	3350	3375	
Fine crystalline and granular lime	3375	3380	Poor to fair porosity, fair saturation and stain
Lime	3380	3500	TOP HEEBNER SHALE 3428' TOP TORONTO LIME 3447' TOP LANSING LIME 3461'
Cherty lime	3500	3503	
Fair to medium crystalline and granular lime	3503	3510	Spotted to poor porosity, spotted saturation and stain
Lime	3510	3522	
Oolitic to fine crystalline lime	3522	3527	Poor to fair porosity, spotted saturation and stain
Lime	3527	3529	
Oolitic to fine crystalline lime	3529	3531	Poor to fair porosity, spotted saturation and stain
Lime	3531	3542	Ran Halliburton drill stem test, packer set at 3498', open 30 minutes, small blow in 15 minutes, recovered 15' of slightly oil cut mud with good odor. BHP 710#.
Lime	3542	3551	
Fine to medium crystalline lime	3551	3560	Poor to fair porosity, spotted to poor saturation.
Cherty lime	3560	3597	
Fair to medium crystalline and fossiliferous lime	3597	3604	Poor to fair saturation and stain. Ran Halliburton drill stem test with packer set at 3591', open 30 minutes. Slight blow in 6 minutes. Recovered 5' of drilling mud, no shows of oil or gas, no odor, no BHP.
Lime	3604	3627	
Fine crystalline and granular lime	3627	3631	Poor porosity and poor to fair saturation and stain.
Lime	3631	3636	
Oolitic lime	3636	3640	Poor to fair saturation, stain and porosity
Lime	3640	3655	
Fine crystalline, granular and vuggy lime	3655	3660	Poor to fair porosity, spotted to fair saturation and stain
Lime	3660	3770	TOP CONGLOMERATE 3713'
Fine to medium crystalline dolomite	3770	3774	Slight porosity and slight spotted stain.

Set and cemented 2534' of 5½" OD, 14#, 8R thd., H-40, R-2, H.L.P. steel casing (A cond.); and 1266' of 5½" OD, 14#, 8R thd., J-55, R-2, Nat'l. S.S. casing (A cond.) at 3771' with 200 sacks of cement and 6 sacks of aquagel. Finished cementing at 12:20 a.m. 9/23/50.

Rigged up cable tools and bailed the hole dry on September 26, and 5½" casing tested OK. Drilled cement plug and cleaned out to bottom, no shows.

Hard, pink crystalline dolomite w/ hard grey chert and red and green shale	3774	3779	
Hard pink crystalline dolomite w/ clear crystalline dolomite and red and green shale	3779	3782	Dead oil stain
Conglomerate	3782	3796	
Fine crystalline dolomite	3796	3798	Fair to poor porosity w/ good oil stain, slight show of free oil. TOP ARBUCKLE LIME 3797'
Same	3798	3801	Fair to poor porosity w/ good oil stain, good show of live oil, no fill up. Bailed and tested 2 hours, 5 gallons of oil per hour, no water.
Grey finely crystalline dolomite	3801	3806	Slight porosity and stain, no increase in oil, hole caving badly.
Grey crystalline dolomite	3806	3810	Light porosity and stain
Medium soft, grey and brown crystalline dolomite	3810	3817	Fair porosity w/ spotted dark dead oil stain, no increase in fluid.

Plugged back with crushed rock and oakum from 3817' to 3798'. Ran 98' of 4½" OD, 9.5#, P.E., R-2, H-40, Nat'l. S.S. casing liner (A cond.) on 2" tubing and cemented liner at 3798' with top at 3700' with 25 sacks of cement at 800#-TP. Pulled tubing and shut down for cement to set.

On October 3, swabbed and bailed the hole dry to top cement plug at 3698' and 5½" casing tested dry. Drilled cement plug and cleaned out to 3798'; tested 2 hours, 2 gallons of oil and 4 gallons of water per hour. Drilled and cleaned out plug to 3817', then tested 3 hours, 2 gallons of oil and 8 gallons of water per hour. Plugged back with Halliburton Hydromite from 3817' to 3803'. Ran 2" tubing and treated with 250 gallons of Dowell "XXF-18 W-17" acid as follows:

ACID TREATMENT No. 1 - Between 3798' and 3803'

Treatment put in 10/6/50 by Dowell Inc., using 250 gallons of acid and 93 barrels of oil to fill hole and flush.

TIME	CP	TP	REMARKS
5:29 am	50#		Filled hole with 87 barrels of oil, start acid
5:37 am	75#		250 gallons of acid in hole
5:46 am	75#		Start oil to spot acid
5:55 am	75#		Acid on bottom, start flush
8:27 am	50#	Vac.	5 gallons acid in formation
9:11 am	50#	0#	84 gallons of acid in formation
10:30 am	50#	0#	104 gallons of acid in formation
11:55 am	25#	0#	125 gallons of acid in formation
12:21 pm	25#	0#	140 gallons of acid in formation
1:00 pm	25#	0#	160 gallons of acid in formation
1:20 pm	25#	0#	180 gallons of acid in formation
4:45 pm	25#	0#	250 gallons of acid in formation

Swabbed out oil used in treating, then swabbed 5 hours, 14 barrels of oil and 2 barrels of water. On October 7, swabbed through 2" tubing 3 hours, 21 gallons of oil and 9 gallons of water per hour. Treated with 500 gallons of Dowell "XXF-27 W-17" acid as follows:

ACID TREATMENT No. 2 - Between 3798' and 3803'

Treatment put in 10/7/50 by Dowell Inc., using 500 gallons of acid and 88 barrels of oil to fill hole and flush.

TIME	CP	TP	REMARKS
9:08 pm	50#		Filled hole with 76 barrels of oil
9:17 pm	60#		Acid in
9:22 pm	50#		Start oil to spot acid
9:25 pm	125#		Acid on bottom, start flush
10:08 pm	115#	Vac.	42 gallons of acid in formation
1:08 am	10#	Vac.	210 gallons of acid in formation
2:20 am	0#	Vac.	250 gallons of acid in formation
5:25 am	0#	Vac.	300 gallons of acid in formation
6:25 am	0#	Vac.	370 gallons of acid in formation
6:34 am	50#	0#	420 gallons of acid in formation
7:40 am	50#	0#	460 gallons of acid in formation
8:45 am	0#	0#	500 gallons of acid in formation

Swabbed out oil used in treating, ran rods and POB 15 hours, 18 barrels of oil and 12 barrels of water. Pulled rods and tubing, ran tubing and set Baker packer at 3770'. On October 11, treated with 1000 gallons of Dowell Gel acid and 500 gallons of Dowell "XXF-27 W-17" acid as follows:

ACID TREATMENT NO. 3 - Between 3798' and 3803'

Treatment put in 10/11/50 by Dowell Inc., using 1500 gallons of acid and 84 barrels of oil to fill hole and flush.

TIME	CP	TP	REMARKS
10:15 am	1200#	1200#	Filled hole with 76 barrels of oil
10:35 am	500#	3000#	Start Jel acid via tubing
10:50 am	1400#	4000#	Acid on bottom, set retainer
10:56 am	1400#	4500#	168 gallons of jel acid in formation
11:10 am	1400#	3500#	420 gallons of jel acid in formation, start acid
11:15 am	1400#	3300#	670 gallons of acid in formation
11:20 am	1400#	2600	920 gallons of acid in formation, start flush
11:30 am	1400#	1100#	1500 gallons of acid in formation

Swabbed out 60 barrels of oil used in treating, then swabbed 5 hours, 1 barrel of fluid (38% water). Pulled tubing and packer and swabbed through 5½" casing 9 hours, 24 barrels of fluid (38% water). Bailed and tested 4 hours, 1 barrel of fluid per hour.

On October 13, treated through 5½" casing with 1500 gallons of Dowell "XAF-27 W-17" acid as follows:

ACID TREATMENT NO. 4 - Between 3798' and 3803'

Treatment put in 10/13/50 by Dowell Inc., using 1500 gallons of acid and 94 barrels of oil to fill hole and flush.

TIME	CP	TP	REMARKS
12:15 pm			1500 gallons of acid in hole
12:42 pm	50#		Filled hole with oil
1:12 pm	Vac.		84 gallons of acid in formation
1:58 pm	950#		580 gallons of acid in formation
2:17 pm	1000#		1170 gallons of acid in formation
2:35 pm	1050#		1500 gallons of acid in formation

Swabbed out oil used in treating, then ran tubing and rods and POB 18 hours, 2 barrels of oil and 106 barrels of water. On October 15, pulled tubing and rods and found bottom of hole at 3817' PBD. Plugged back with 38 gallons of Dowell plastic from 3817' to 3803' pressured to 500#. On October 17, bailed the hole dry and tested 1 hour, 15 gallons of water with show of oil. On October 18, ran 2" tubing and treated with 500 gallons of Dowell "XAF-27 W-17" acid as follows:

ACID TREATMENT NO. 5 - Between 3798' and 3803'

Treatment put in 10/18/50 by Dowell Inc., using 500 gallons of acid and 84 barrels of oil to fill hole and flush.

TIME	CP	TP	REMARKS
5:03 pm	600#	600#	Filled hole with oil
5:15 pm			Start acid down tubing
5:25 pm	200#		Start oil in tubing
5:30 pm	320#	50#	Acid on bottom
5:50 pm	400#	150#	42 gallons of acid in formation
5:55 pm	410#	160#	52 gallons of acid in formation
6:05 pm	375#	175#	94 gallons of acid in formation
6:15 pm	380#	200#	150 gallons of acid in formation
6:25 pm	360#	225#	230 gallons of acid in formation
6:35 pm	380#	275#	290 gallons of acid in formation
7:03 pm	410#	410#	500 gallons of acid in formation

Swabbed through 2" tubing 8 hours, 80 barrels of oil, then ran rods and POB 9 hours, 17 barrels of oil and 69 barrels of water, well pumped off.

On October 20, POB 13 hours, 38 barrels of oil and 56 barrels of water. On October 21, POB 24 hours, 50 barrels of oil and 128 barrels of water. On October 22, 1950, POB 8 hours on State Corporation Commission physical potential test, 27 barrels of oil and 34 barrels of water to establish 24 hour potential of 81 barrels. This potential allows 25 barrels per day.

TOTAL DEPTH 3817' PB 3803'

Pulled rods and tubing and tested for input and well took 18 gallons per minute at 200#-CP. Ran 30 gallons of Dowell plastic, no fill up. Input showed 10 gallons per minute at 750#-CP. Ran 2" tubing and rods and POB 14 hours, 70 barrels of water used in plugging back with plastic. On October 26, POB 24 hours, 16 barrels of oil and 4 barrels of water and well pumped off. Pulled rods and treated with 200 gallons of Dowell "XAF-27 W-17" acid as follows:

ACID TREATMENT NO. 6 - Between 3798' and 3803'

Treatment put in 10/27/50 by Dowell Inc., using 200 gallons of acid and 99 barrels of oil to fill hole and flush.

TIME	CP	TP	REMARKS
12:24 am	300#	300#	Filled hole with 84 barrels of oil
12:27 am	100#		200 gallons of acid in hole
12:40 am	Vac.		Start oil to spot acid
12:55 am	300#	200#	Acid on bottom, start flush
1:01 am	500#	400#	20 gallons of acid in formation
1:06 am	550#	450#	42 gallons of acid in formation
1:11 am	750#	675#	63 gallons of acid in formation
1:16 am	800#	750#	94 gallons of acid in formation
1:21 am	825#	775#	120 gallons of acid in formation
1:32 am	725#	725#	200 gallons of acid in formation
			Flushed with 15 barrels of oil

ACID TREATMENT #. 9 - Between 3498' and 3508'

Treatment put in 10/15/51 by Halliburton, using 500 gallons of acid and 91 barrels of oil to fill and flush.

TIME	CP	TP	REMARKS
1:50 pm			Start acid
1:53 pm			Acid in hole, start oil to spot acid
2:12 pm	600#		Acid on formation
2:55 pm	500#		1 barrel of acid in formation
3:03 pm	500#		210 gallons of acid in formation
3:09 pm	500#		500 gallons of acid in formation

Swabbed out oil used in treating, then tested 6 hours, 11 gallons of water and 1 gallon of oil per hour. On October 16, bailed and tested 5 hours, 11 gallons of water with trace of oil per hour.

Since all probable zones for commercial production have been tested in this well, regular authority was granted to plug and abandon the well.

On November 8, the well was plugged as follows:

PB with 25 gallons crushed rock	3515' to 3490'
5 sacks of cement	3490' to 3450'

Pulled 2534'4" of H40, R-2, S.E.W. casing and 97'10" of 14#, 8R thd., J55, R-2, S.E.W. casing (8 cond.)

Mud laden fluid	3450' to 294'
Rock	294' to 284'
15 sacks of cement	284' to 254'
Mud laden fluid	254' to 35'
Rock	35' to 25'
10 sacks of cement	25' to 6'
Surface soil	6' to 0'

Plugged and abandoned November 8, 1951.

PLUGGING BACK RECORD

Date Commenced: October 7, 1951
Date Completed: November 8, 1951
Plugged back from 3803' to 0'
Production before: 4.3 bbls. oil and 38.7 bbls. water

ACID RECORD

Date:	10/9/51	10/10/51	10/15/51
Size:	500 gals.	500 gals.	500 gals.
Between:	3636' and 3644'	3624' and 3630'	3498' and 3508'
Company:	Halliburton	Halliburton	Halliburton

CHANGES IN CASING RECORD

	Pulled Out	Left In	
5½" OD, 14#, SR	80 jts. 2534'4"		H40 R? [illegible] "C"
5½" OD, 14#, SR	3 jts. 97'10"	36 jts. 1168'2"	J55 R2 [illegible] "C"

Moved in and rigged up cable tools of Claude Wentworth Drilling Company on October 7, 1951. Pulled rods and tubing and ran Lane-Wells Gamma Ray Survey from 0' to 3700'. Set Baker bridging plug at 3682' and swabbed and bailed hole dry, 5½" casing tested dry.

Perforated 5½" casing from 3636' to 3644' with 72 holes, show of oil. On October 9, treated through 5½" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT No. 7 - Between 3636' and 3644'

Treatment put in 10/9/51 by Halliburton, using 500 gallons of acid and 92 barrels of oil to fill hole and flush.

TIME	CP	TP	REMARKS
7:10 pm			Start acid in hole
7:13 pm			Acid in hole
7:13 pm			Start oil to spot acid
7:32 pm	500#		Acid on formation
7:37 pm	450#		220 gallons acid in formation
7:41 pm	450#		500 gallons of acid in formation

Swabbed out oil used in treating, then bailed and tested 7 hours, 3 gallons of water per hour. Set Baker bridging plug at 3632'. Perforated 5½" casing from 3624' to 3630' with 54 holes by Lane-Wells, no shows. Treated through 5½" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT No. 8 - Between 3624' and 3630'

Treatment put in 10/10/51 by Halliburton, using 500 gallons of acid and 91 barrels of oil to fill and flush.

TIME	CP	TP	REMARKS
11:15 pm			Start acid in hole
11:18 pm			Start oil to spot acid
11:44 pm	400#		500 gallons acid in formation
11:49 pm	400#		Flushed with 13 barrels of oil

Swabbed out oil used in treating and swabbed to bottom. Bailed and tested 4 hours, 1/2 barrel of water with trace of oil per hour.

On October 11, drove Baker bridging plug from 3632' to 3680'. Ran 2" tubing and set Baker retainer at 3609'. Cemented off perforations from 3624' to 3630' and 3636' to 3644' with 125 sacks of sulphate resisting cement, Tr-1000#. Circulated out 10 sacks of cement and pulled tubing and cement retainer.

On October 13, bailed hole dry and 5½" casing tested dry. Drilled cement plug to 3655', bailed hole dry and 5½" casing tested dry. Perforated 5½" casing from 3669' to 3674' with 15 holes by Lane-Wells, tested 4 gallons of water per hour. Perforated from 3662' to 3666' with 12 holes, no change in fluid. Perforated from 3654' to 3660' with 18 holes, no change in fluid. Perforated from 3654' to 3660' with 18 holes, no change in fluid. Perforated from 3616' to 3624' with 24 holes, no change in fluid. Perforated from 3551' to 3560' with 27 holes, no change in fluid. Perforated from 3498' to 3508' with 30 holes, tested 1 gallon of oil and 5 gallons of water per hour. On October 16, set Baker bridging plug at 3515'. Bailed and tested 4 hours, 1 gallon of oil and 1 gallon of water per hour. Treated through 5½" casing with 500 gallons of Halliburton 15% acid as follows:

Ran rods and pumped out oil used in treating, then POB 6 hours, 12 barrels of oil and 20 barrels of water. On October 28, POB 12 hours, 18 barrels of oil and 43 barrels of water and moved out cable tools.

SLOPE TEST DATA: TESTS were made from 250' to 3250' inclusive, with no deviation from vertical noted.