15-151-19108-00-00 Sec

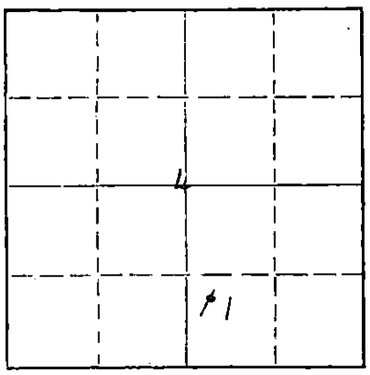
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

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

NORTH



Locate well correctly on above Section Plat

Pratt County. Sec. 4 Twp. 26S Rge. (E) 13 (W)

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

Lease Owner Skelly Oil Company

Lease Name S. F. Chance Well No. 1

Office Address 1860 Lincoln St., Denver, Colorado

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

Date well completed June 15, 1953

Application for plugging filed July 18, 1967

Application for plugging approved July 20, 1967

Plugging commenced August 19, 1967

Plugging completed August 23, 1967

Reason for abandonment of well or producing formation Uneconomical to operate

If a producing well is abandoned, date of last production July 31, 1967

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. A. Elving

Producing formation Lansing-K.C. Depth to top 3850' Bottom 3998½' Total Depth of Well 4353 Feet

Show depth and thickness of all water, oil and gas formations. PB 4001'

OIL, GAS OR WATER RECORDS — CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Simpson Sand	Oil	4278'	4289½'	8-5/8"	433'3"	None
Lansing-K.C.	Oil	3850'	3998½'	5-1/2"	4383'6"	2642.15'

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	4001' to 3800'
20 sacks of cement	3800' to 3660'
Mud	3660' to 300'
Rock bridge	300' to 290'
24 sacks of cement	290' to 218'
Mud	218' to 40'
Rock bridge	40' to 30'
10 sacks of cement	30' to Base of cellar
Surface soil	Cellar to Surface

RECEIVED
STATE CORPORATION COMMISSION
OCT 17 1967
10-17-67
CONSERVATION DIVISION
Wichita, Kansas

(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 67578

STATE OF Colorado, COUNTY OF Denver, ss.

Leland Franz (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) Leland Franz

1860 Lincoln St., Denver, Colo, 80203
(Address)

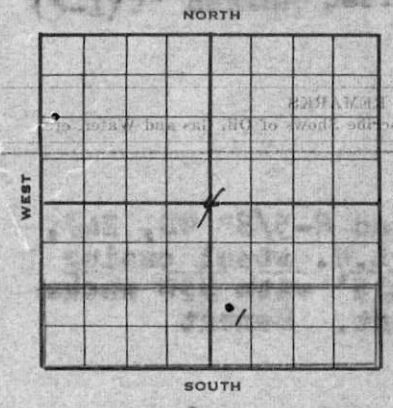
SUBSCRIBED AND SWORN TO before me this 16th day of October, 1967

Mary E. Nelson
Notary Public.

My commission expires My Commission expires June 17, 1970

jj

Form N47A Rev.



SKELLY OIL COMPANY

Well Record

#36090

1942'RB
1939'DF
1935'BH

Lease Name and No. S. F. Chance Well No. 1 Elev.

Lease Description S/2 S/2 Section 4-26S-13W, Pratt County, Kansas (160 Acres)

Location made April 11, 19 53 by Pratt County Engineer

990 feet from North line 330 feet from East line } SE/4 of Sec. 4
feet from South line feet from West line

Work com'd 4/11 19 53 Rig comp'd 4/12 19 53 Drlg. com'd 4/12 19 53 Drlg. comp'd 5/8 19 53

Rig Contractor Claude Wentworth Drlg. Co., Inc.

Drilling Contractor Claude Wentworth Drlg. Co., Inc.

Rotary Drilling from 0' to 4337' Cable Tool Drilling from 4337' to 4353'

Commenced Producing June 15, 19 53 { Initial Prod. before shot or acid ~~XXXXX~~ Sand-Oil-Frac 2 gals. oil, 2 gals. wtr/hr Bbls.
Initial Prod. after shot or acid ~~XXXXX~~ Sand-Oil-Frac POB 6 hrs. 59.40 BO no wtr. to estab. 24 hr. SCC potential of 178 barrels Bbls.

Dry Gas Well Press Volume Cu. ft.

Casing Head Gas Pressure Volume Cu. ft.

Braden Head (8-5/8" x 5½" OD Size) Gas Pressure Volume Cu. ft.

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

PRODUCING FORMATION Simpson Sand (Name) Top 4278' Bottom 4289½' TOTAL DEPTH 4353' PB 4300'

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#	8V	435'				21	433	3	R1 LW	C	350	Halliburton
5-1/2"	17#	8R	4337'				186	4383	6	R1 LW	A	200	Halliburton
(8-5/8" casing set 1' in cellar and 5½" cased to derrick floor)													
(5-1/2" casing perforated from 4278' to 4289½' with 71 holes)													
Used 1 - 5½" OD Larkin Combination Guide & Float Shoe													

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	5/11/53			
Acid Used Size Shot	Gals. Qts.	Gals. Qts.	Gals. Qts.	Gals. Qts.
Shot Between	4278 Ft. and 4289½ Ft.	Ft. and Ft.	Ft. and Ft.	Ft. and Ft.
Size of Shell				
Put in by (Co.)	Halliburton			
Length anchor	(Hydrafrac)			
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
Heebner Shale	3531'						
Lansing Lime	3725'						See remarks
Marmaton Lime	4046'						
Conglomerate	4103'						
Mississippi Lime	4141'						
Viola Lime	4213'						
Simpson Sand	4272'				4278'	4289½'	
Arbuckle Lime	4330'						

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 clay and sand	0	180	
Red bed and shells	180	850	Set and cemented 8-5/8" OD, 24#, 8V thd., R-1, L.W. steel casing (C cond.) at 435' with 350 sacks of Pozmix cement. Cement circulated.
Anhydrite	850	870	
Shale and shells	870	1270	
Shale, shells, and salt	1270	1720	
Shale and shells	1720	1885	
Lime and shale	1885	3050	
Lime	3050	3125	
Lime and shale	3125	3230	
Lime	3230	3330	
Lime and shale	3330	3415	
Lime	3415	3635	TOP HEEBNER SHALE 3531'
Shale and lime	3635	3750	TOP BROWN LIME 3691' TOP LANSING LIME 3725'
Buff, fine crystalline partly oolitic lime	3750	3755	Fair porosity, very slight stain, rainbow of oil in wet samples.
Shale and lime	3755	3772	
Buff to brown fine crystalline partly oolitic lime	3772	3777	Poor to fair porosity, very slight stain, rainbow of oil in wet sample
Lime	3777	3778	Ran Halliburton drill stem test, packer set at 3738', open 2 hours, gas to surface in 7 minutes, recovered 245' gas cut mud, 60' salt water, gas estimated 250 M.C.F. BHP-1415#.
Lime	3778	3809	
Buff, fine crystalline lime	3809	3821	Slightly porous and slightly cherty, spotted oil stain, very good odor in samples.
Lime	3821	3868	
Buff, finely crystalline oolicastic lime	3868	3872	Very good porosity and stain
Lime	3872	3881	
Buff, finely crystalline lime	3881	3905	Very good oolicastic to vuggular porosity, good stain and odor.
Lime	3905	3913	
Light gray to buff finely crystalline lime	3913	3956	Slight to good pin point to vuggular porosity, spotted oil stain
Lime	3956	4076	BASE KANSAS CITY 4026' TOP MARMATON LIME 4046'
Gray tripolitic opaque chert	4076	4087	Fair porosity, dead spotted stain to dead oil saturation
Lime	4087	4145	TOP CONGLOMERATE 4103' TOP MISSISSIPPI LIME 4141'
Shale, lime and chert	4145	4195	TOP KINDERHOOK SHALE 4185' TOP MISNER SAND 4198'
Gray to brown fine grained angular quartzitic sand	4195	4202	Poor to fair porosity and good stain to saturated rainbow of oil in wet samples
Lime and chert	4202	4205	Ran Halliburton drill stem test, packer set at 4180', open 2 hours, no blow, recovered 10' drilling mud, BHP-20#.
Shale and chert	4205	4225	TOP VIOLA LIME 4213'
Lime and chert	4225	4255	
Shale	4255	4268	TOP SIMPSON SHALE 4265'

Cored from 4268' to 4293' - Recovered 25'
Top 2' - Red and green sandy shale
Next 2' - Red and green laminated shale
TOP SIMPSON SAND 4272'
Next 5' - Greenish-gray fine grained hard, very shaley sand, bleeding oil slightly
Next 4' - Gray fine grained sand with thin green shale bands, no shows
Next 9' - Gray fine grained hard, slightly shaley sand, bleeding fair amount of oil
Last 3' - Dark greenish-gray shale

Ran Halliburton drill stem test, packer set at 4255', used 36' anchor, open 2 hours, recovered 55' drilling mud, BHP-48#.

On May 28, loaded hole with 50 barrels of oil. Drilled and drove Lane-Wells bridging plug from 3885' to 3998'. Swabbed out oil used to load hole, set Lane-Wells bridging plug at 3835', then plugged back from 3835' to 3831' with 1/2 sack of Cal-Seal. Perforated 5½" casing from 3820' to 3825' with 30 holes by Lane-Wells; tested 1 hour, no recovery. Perforated 5½" casing from 3813' to 3816' with 18 holes by Lane-Wells; tested 1 hour, no recovery. Perforated 5½" casing from 3805' to 3809' with 24 holes by Lane-Wells; bailed and tested 3 hours, 1/2 barrel of oil with trace of water per hour. Treated through 5½" casing with 250 gallons of Halliburton 15% acid and 500 gallons of MV acid as follows:

ACID TREATMENT NO. 7 - Between 3805'-09', 3813'-16', and 3820'-25'

Treatment put in 5/29/57 by Halliburton, using 750 gallons of acid and 90 barrels of oil.

TIME	CP	TP	REMARKS
10:36 am	Vac.		Start acid
11:00 am	1200/		Acid on bottom
11:03 am	1350/		
11:04 am	850/		
11:06 am	800/		
11:09 am	700/		Flush in, treatment completed

Swabbed through 5½" casing 4 hours, 90 barrels of oil used in treating and 18 barrels of acid water; then swabbed 10 hours, 91 barrels of oil and 25 barrels of water. On May 30, swabbed through 5½" casing 24 hours, 24 barrels of oil and 76 barrels of water. Ran 2" tubing and set Halliburton DR retainer at 3792'.

Cemented off perforations from 3805' to 3809', 3813' to 3816', and from 3820' to 3825' with 75 sacks of common cement, maximum TP-500/. Pulled 2" tubing and shut down for cement to set.

On June 3, swabbed hole dry and 5½" casing tested dry. Drilled retainer at 3792' and cement plug to 3828'. Loaded hole with 50 barrels of oil and drove Lane-Wells bridging plugs from 3998' and 3835' to 4001'SLM.

PLUGGED BACK TOTAL DEPTH 4001'

Bailed hole clean and swabbed through 5½" casing 1 hour, 50 barrels of oil used to load hole; then swabbed 18 hours, 392 barrels of oil and 69 barrels of water.

Ran 2" tubing and rods and moved out cable tools on June 5. POB 13 hours, 165 barrels of oil and 16 barrels of water. On June 6, POB 24 hours, 238 barrels of oil and 68 barrels of water.

DRILLED:

Shale, chert and shells	4293	4328	TOP ARBUCKLE LIME 4330'
Cream to gray finely crystalline dolomitic lime	4328	4337	Set and cemented 5½" OD, 17# 8R thd., R-1, So. Chester L.W. steel casing (A cond.) at 4337' with 200 sacks of Pozmix cement. Ran Halliburton Temperature Survey and found top of cement at 3125'. Moved in and rigged up cable tools and bailed hole dry. Drilled cement plug and cleaned out to 4334'. Ran Lane-Wells Gamma Ray Survey. Drilled cement plug and cleaned out to bottom.
Shale	4337	4340	
Lime	4340	4345	Bailed and tested 3 hours, no shows
Lime	4345	4347	No shows
Sand	4347	4349	No shows
Lime and green shale	4349	4351	No shows. Bailed and tested 18 hours, no shows. Cleaned out cavings at 4351'
Gray porous dolomite	4351	4353	500' water in hole in 2 hours. Bailed and tested 9 hours, unable to lower water level. Ran 2" tubing with Halliburton DM retainer set at 4300' SLM. Cemented off open hole from 4300' to 4353' with 75 sacks of cement, maximum TP-3500#. Pulled 2" tubing. Bailed hole dry and 5½" casing tested dry.
TOTAL DEPTH	4353'	PB 4300' SLM	

Perforated 5½" casing from 4278' to 4289½' with 71 holes by Lane-Wells. Bailed and tested 16 hours, 2 gallons of oil and 2 gallons of water per hour. Ran 2" tubing and Halliburton HM packer set at 4210'. Treated with Halliburton Sand-Oil-Frac from 4278' to 4289½' as follows:

SAND-OIL-FRAC TREATMENT NO. 1 - Between 4278' and 4289½'

Used 267 barrels of oil
5000# of sand
Maximum TP-3000#, broke to 2200#
Time 62 minutes

Pulled tubing and packer and bailed and cleaned up hole. Swabbed through 5½" casing 15 hours, 250 barrels of oil used in treating, no water. Then swabbed through 5½" casing 16 hours, 17 barrels of treating oil, 106 barrels formation oil, and 9 barrels of water. Ran 2" tubing and moved out cable tools. Installed pumping equipment. On May 25, POB 14 hours, 105 barrels of oil and 7 barrels of water. On May 26, POB 24 hours, 133 barrels of oil and 8 barrels of water. On May 28, POB 24 hours, 135 barrels of oil and 8 barrels of water. Shut down for tank room.

On June 15, POB 8 hours, 59.40 barrels of oil and no water to establish 24 hour State Corporation Commission potential of 178 barrels. Allowable 25 barrels per day.

SLOPE TEST DATA: Tests were taken at 750', 1000', 1400', 1800', 2350', 2850', 3400' and 3750', with no deviation from vertical noted.

S. F. CHANCE WELL NO. 1 (Pratt Co., Kans.) Sheet No.

PLUGGING BACK RECORD

Date Commenced: May 14, 1957
Date Completed: June 6, 1957

Plugged back from: 4300' to 4001' PB TD-4001'

Production Before: 1 barrel of oil and 1 barrel of water
Production After: POB 24 hours, 238 barrels oil and 68 barrels water

5½" casing perforations open:
Above bridging plug: 3850'-3858' with 49 holes, 3870'-3874' with 25 holes, 3902'-3908' with 37 holes, and 3915'-3924' with 56 holes, 3950'-3956' with 37 holes, and 3988'-3998½' with 64 holes
Below bridging plug: 4278'-4289½' with 71 holes

Producing Formation: Kansas City Lime

- - - - -

Moved in and rigged up cable tools of W. L. Copeland Drilling Company on May 14, 1957. Pulled rods and 2" tubing and found PB TD-4300' SLM. Swabbed through 5½" casing 3 hours, 10 barrels of oil and 10 barrels of water. Bailed and tested 9 hours, 2 gallons of water with trace of oil per hour. Ran 2" tubing and set Halliburton HM packer at 4254'. Ran Halliburton Sand-Oil-Frac treatment through perforations as follows:

SAND-OIL-FRAC TREATMENT NO. 2 - Between 4278' and 4289½'

Used 6300# of sand
6000 gallons of heavy oil
150 barrels of oil to fill hole and flush
Maximum TP-6000#, minimum TP-5300#
Time 27 minutes

Pulled 2" tubing and HM packer and swabbed through 5½" casing 17 hours, 112 barrels of oil used in treating, no water. On May 17, swabbed through 5½" casing 24 hours, 16 barrels of oil used in treating and 8 barrels of water.

Set Lane-Wells bridging plug at 4010' and plugged back from 4010' to 4004' with 1 sack of Cal-Seal. Perforated 5½" casing from 3988' to 3998½' with 64 holes by Lane-Wells. Swabbed through 5½" casing 16 hours, 50¼ barrels of oil and no water. On May 19, swabbed through 5½" casing 3 hours, 10 barrels of oil and no water. Treated through 5½" casing from 3988' to 3998½' with 250 gallons of Halliburton 15% acid and 500 gallons of Halliburton HV acid as follows:

ACID TREATMENT NO. 1 - Between 3988' and 3998½'

Treatment put in 5/19/57 by Halliburton, using 750 gallons of acid and 105 barrels of oil.

TIME	CP	TP	REMARKS
11:17 pm			Start 15% acid
11:20 pm			Start HV acid
11:24 pm			Start flush
11:37 pm			Acid on bottom
11:42 pm			250 gallons of 15% acid in
11:52 pm			500 gallons of HV acid in
11:59 pm			Finished flush

Swabbed through 5½" casing 2 hours, 105 barrels of oil used in treating and 23 barrels of acid water. Then swabbed 12 hours, 167 barrels of oil and no water. On May 20, swabbed through 5½" casing 2 hours, 26½ barrels of oil and no water.

Set Lane-Wells bridging plug at 3972'. Swabbed and bailed hole dry and 5½" casing tested dry. Plugged back from 3972' to 3968' with 1/2 sack of Cal-Seal. Perforated 5½" casing from 3950' to 3956' with 37 holes by Lane-Wells; bailed and tested 3 hours, 14 gallons of oil and no water per hour. Treated through 5½" casing with 250 gallons of Halliburton HV acid as follows:

ACID TREATMENT NO. 2 - Between 3950' and 3956'

Treatment put in 5/20/57 by Halliburton, using 250 gallons of acid and 96 barrels of oil.

TIME	CP	TP	REMARKS
6:00 pm	Vac.		Start acid
6:22 pm	1000#		Acid on bottom
6:28 pm	1000#		
6:29 pm	1100#		
6:32 pm	1000#		
6:34 pm	1050#		250 gallons of acid in

Swabbed through 5½" casing 3 hours, 96 barrels of oil used in treating and 23 barrels of acid water; then swabbed 2 hours, 21 barrels of formation oil and no water. On May 21, swabbed through 5½" casing 3 hours, 24 barrels of formation oil, no water.

Loaded hole with 50 barrels of oil. Drilled and drove Lane-Wells bridging plug from 3972' to 4002'. Swabbed through 5½" casing 2 hours, 50 barrels of oil used to load hole; then swabbed 11 hours, 187 barrels of formation oil and 5 barrels of water. On May 22, swabbed through 5½" casing 3 hours, 29 barrels of oil and no water.

Set Lane-Wells bridging plug at 3942'. Swabbed hole dry and 5½" casing tested dry. Plugged back from 3942' to 3932' with 1 sack of Cal-Seal. Perforated 5½" casing from 3915' to 3924' with 56 holes by Lane-Wells; bailed and tested 2 hours, no shows. Perforated 5½" casing from 3902' to 3908' with 37 holes by Lane-Wells; bailed and tested 2 hours, 14 gallons of oil and 1 gallon of water. Ran 2" tubing and set HM packer at 3912'. Treated from 3915' to 3924' with 250 gallons of Halliburton 15% acid and 500 gallons of Halliburton HV acid as follows:

ACID TREATMENT NO. 3 - Between 3915' and 3924'

Treatment put in 5/22/57 by Halliburton, using 750 gallons of acid.

TIME	CP	TP	REMARKS
9:25 pm		Vac.	Start 15% acid
9:32 pm		750#	Acid on bottom
9:37 pm		1750#	250 gallons of 15% acid in
9:39 pm		900#	250 gallons HV acid in
9:41 pm		950#	500 gallons HV acid in

Then treated through 5½" casing from 3902' to 3908' with 250 gallons of Halliburton 15% acid and 500 gallons of Halliburton HV acid as follows:

ACID TREATMENT NO. 4 - Between 3902' and 3908'

Treatment put in 5/22/23/57 by Halliburton, using 750 gallons of acid and 70 barrels of oil.

TIME	CP	TP	REMARKS
9:50 pm	Vac.		Start 15% acid
10:05 pm	850#		Acid on bottom
1:16 am	800#		
1:29 am	800#		
1:46 am	900#		500 gallons HV acid in
1:59 am	900#		Finished flush

Swabbed through 2" tubing 3 hours from 3915' to 3924', 20 barrels of oil used in treating and 9 barrels of acid water. On May 23, swabbed through 2" tubing 24 hours from 3915' to 3924', 165 barrels of formation oil, 9 barrels of acid water, and 3 barrels of formation water. Pulled 2" tubing and HM packer, and swabbed through 5½" casing 2 hours, 70 barrels of oil used in treating and 18 barrels of acid water; then swabbed 7 hours, 105 barrels of formation oil and 5 barrels of water.

Loaded hole with 50 barrels of oil. Drilled and drove Lane-Wells plug from 3942' to 4000'. Swabbed through 5½" casing 1 hour, 50 barrels of oil used to load hole. Then swabbed 6 hours, 81 barrels of oil and 2 barrels of water.

Set Lane-Wells bridging plug at 3885' and plugged back from 3885' to 3883' with 1/4 sack of Cal-Seal. Perforated 5½" casing from 3870' to 3874' with 25 holes by Lane-Wells; bailed and tested 1 hour, no recovery. Perforated 5½" casing from 3850' to 3858' with 49 holes by Lane-Wells; bailed and tested 2 hours, 1 gallon of drilling mud. Ran 2" tubing and set Halliburton HM packer at 3865'. Treated through 2" tubing with 250 gallons of Halliburton 15% acid and 500 gallons of HV acid as follows:

ACID TREATMENT NO. 5 - Between 3870' and 3874'

Treatment put in 5/25/57 by Halliburton, using 750 gallons of acid.

TIME	CP	TP	REMARKS
11:00 pm			Start acid
11:13 pm		300#	Acid on bottom
11:16 pm		800#	250 gallons 15% acid in
11:20 pm		1800#	
11:31 pm		900#	500 gallons HV acid in

Then treated down annulus from 3850' to 3858' with 250 gallons of Halliburton 15% acid and 500 gallons of HV acid as follows:

ACID TREATMENT NO. 6 - Between 3850' and 3858'

Treatment put in 5/26/57 by Halliburton, using 750 gallons of acid and 70 barrels of oil.

TIME	CP	TP	REMARKS
12:10 am	Vac.		Start acid
12:50 am	900#		250 gallons of 15% acid in
1:10 am	1400#		84 gallons HV acid in
1:30 am	1400#		500 gallons of HV acid in

Swabbed through 2" tubing 2 hours, 20 barrels of oil used in treating and 10 barrels of acid water. On May 26, swabbed through 2" tubing 20 hours, 115 barrels of formation oil, 8 barrels of acid water, and 22 barrels of formation water. Pulled 2" tubing and HM packer, then swabbed through 5½" casing 2 hours, 70 barrels of oil used in treating and 18 barrels of acid water. Then swabbed 14 hours, 95 barrels of formation oil and 43 barrels of water.