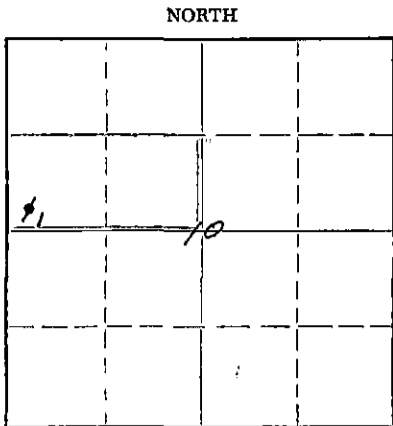


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bittling Building
Wichita, Kansas

WELL PLUGGING RECORD

Stafford County. Sec. 10 Twp. 22S Rge. (E) 13 (W)
Location as "NE/CNW/SW" or footage from lines SW/4 SW/4 NW/4
Lease Owner Skelly Oil Company
Lease Name Moses "A" Well No. 1
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed September 19, 19 49
Application for plugging filed March 9, 19 53
Application for plugging approved March 10, 19 53
Plugging commenced March 19, 19 53
Plugging completed March 25, 19 53
Reason for abandonment of well or producing formation Depleted Oil Well



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production December 8, 19 53
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes 3791'

Name of Conservation Agent who supervised plugging of this well Mr. M. A. Rives PB
Producing formation Lansing Lime Depth to top 3449' Bottom 3458 1/2' Total Depth of Well 3470' 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	3779 1/2'	3791'	8-5/8"	756'9"	None
Lansing Lime	Oil	3449'	3458 1/2'	5-1/2"	3810'	2926'0"

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.

Crushed rock 3470' to 3440'
5 sacks Cal-Seal 3440' to 3400'
Wood plug 3200'
Crushed rock 3200' to 3144'
2 sacks Cal-Seal 3144' to 3126'
Mud laden fluid 3126' to 250'
Rock 250' to 240'
20 sacks cement 240' to 180'
Mud laden fluid 180' to 35'
Rock 35' to 30'
10 sacks of cement 30' to 6'
Surface soil 6' to 0'

4-29-53

STATE CORPORATION COMMISSION
Wichita, Kansas

CONSERVATION DIVISION
Wichita, Kansas

Name of Plugging Contractor West Supply Company
Address Chase, 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) _____
Box 391, Hutchinson, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 27th day of April, 19 53

My commission expires April 7, 1955

Josephine L. Johnson
Notary Public.

PLUGGING
APR 10 1953
BOOK PAGE 15 STATE 25

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 NAME Moses "A" (Stafford Co., Kans.) WELL NO. 1

CLEANING OUT RECORD				PLUGGING BACK OR DEEPENING RECORD			
Date commenced.....	June 26, 19 52			Date commenced.....	19		
Date completed.....	July 6, 19 52			Date completed.....	19		
Cleaned out from.....	to.....	PB T.D. 3470'		Plugged back or deepened from.....	to.....	T.D.....	
Prod. before.....	3 bbls. oil	1 bbls. water	-- cu. ft. gas	Prod. before.....	bbls. oil	bbls. water	cu. ft. gas
Prod. after.....	10.82 bbls. oil	10.82 bbls. water	-- cu. ft. gas	Prod. after.....	bbls. oil	bbls. water	cu. ft. gas
Kind of tools used:	Unit 28577			Kind of tools used:		
Tools owned by:	Skelly Oil Company			Tools owned by:		

ACID SHOT RECORD

Date	6/26/52					
Size shot	3000 gals. 5% HCl		Qts.	Qts.	Qts.	Qts.
Shot between	3450 Ft. and 3458 Ft.	Ft. and Ft.	Ft.	Ft.	Ft.	Ft.
Size of shell						
Put in by (Co.)	Halliburton					
Length anchor						
Distance below casing						
Damage to casing or casing shoulder						

CHANGES IN 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

Liner set at..... Length..... Perforated at.....

Packer set at..... Size and kind.....

REMARKS (Give review of work accomplished and any other comment of interest) On June 26, 1952, pulled rods and treated with 3000 gallons of Halliburton 15% acid as follows:

PLUGGING
 FILE NO. 14-22-132
 EX-1000 88 LINE 25

STATE CORP.

[Handwritten Signature]

(Use reverse side for continuation of remarks and for formation record)

APR 25 1952

CONSERVATION DIVISION
 Wichita, Kansas

Superintendent.

REMARKS (Continued)

ACID TREATMENT NO. 9 - Between 3450' and 3458'

Treatment put in 6/26/52 by Halliburton, using 3000 gallons of acid and 118 barrels of oil to fill hole and flush.

TIME	TP	REMARKS
11:00 am	0'	Start loading hole
12:00 m	0'	Unable to load hole
12:10 pm	0'	Start acid in
12:15 pm	500'	Acid on bottom
12:20 pm	500'	1000 gallons of acid in formation
12:25 pm	500'	2000 gallons of acid in formation, start flush

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
12:30 pm	750'	3000 gallons of acid in formation	

After treatment pumped out oil used in treating, then pumped as follows:

DATE	HOURS PUMPED	DBLS. OIL	DBLS. WATER
7-1-52	24	14.50	14.50
7-2-52	24	8.25	8.25
7-3-52	24	12	12
7-4-52	24	10.82	10.82
7-5-52	24	10.82	10.82
7-6-52	24	10.82	10.82

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 Hones "A" WELL NO. 1 DISTRICT Western Kansas
 SEC. 10 T. 220 R. 130 COUNTY Stafford 7370
 SURVEY _____ BLOCK _____ STATE Kansas JOB NO.

CLEANING OUT RECORD				PLUGGING BACK OR DEEPENING RECORD			
Date commenced.....	19.....			Date commenced.....	March 19, 1953		
Date completed.....	19.....			Date completed.....	March 25, 1953		
Cleaned out from.....	to..... T. D.....			Plugged back or deepened from.....	to..... T. D.....		
Prod. before.....	bbls. oil	bbls. water	cu. ft. gas	Prod. before.....	1 bbls. oil	1 bbls. water	cu. ft. gas
Prod. after.....	bbls. oil	bbls. water	cu. ft. gas	Prod. after.....	bbls. oil	bbls. water	cu. ft. gas
Kind of tools used:.....				Kind of tools used:.....	Plugging machine		
Tools owned by:.....				Tools owned by:.....	Best Supply 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

OD SIZE	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed
5-1/2"	17 1/2	BR		36	1106	0				R2 J55	C		
5-1/2"	17 1/2	LOV		58	1820	0	29	864	0	R2 J55	C		

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) On March 19, 1953, moved in plugging machine of West Supply Company and plugged the well as follows:

Crushed rock 3470' to 3440'
 5 sacks Cal-Seal 3440' to 3400'

Shot off 5 1/2" casing at 3200', casing would not pull. Filled hole with water and pumped in hole at 300#-CP. Spotted 60 barrels of oil behind 5 1/2" casing and shut down for oil to act. Unable to pull 5 1/2" casing.

Wood plug 3200'
 Crushed rock 3200' to 3144'
 2 sacks of Cal-Seal 3144' to 3126'

Shot off 5 1/2" casing at 3097', unable to pull; then shot off at 3032', unable to pull; shot off at 2908' and spotted 60 barrels of oil behind casing to loosen. Pulled 36 joints (1106') of 5 1/2" OD, 17 1/2, 8R thd., R-2, J-55, S.S. casing; and 58 joints (1820') of 5 1/2" OD, 17 1/2, 10V thd., R-2, J-55, S.S. casing (C cond.).

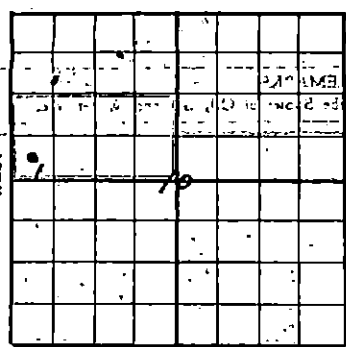
Mud laden fluid 3126' to 250'
 Rock 250' to 240'
 20 sacks cement 240' to 180'
 Mud laden fluid 180' to 35'
 Rock 35' to 30'
 10 sacks cement 30' to 6'

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Surface soil		6'	0'

Plugged and abandoned March 25, 1953.

SKELLY OIL COMPANY



Well Record

Lease Name and No. **8084 27294** Well No. **1** Elev. **1892' AK**
1898' 57'

Lease Description **1/2 SW/4 Section 10-223-13N, Stafford County, Kansas**

Location made **August 18, 49** by **H. V. Morse**

330 feet from North line **330** feet from East line **500. 10**
8/26 49 feet from South line **8/28 49** feet from West line of **9/21 49**

Work com'd **8/26 49** Rig com'd **8/28 49** Drlg. com'd **9/21 49**

Rig Contractor **Claude Wentworth Drilling Co., Inc.**
 Drilling Contractor **Claude Wentworth Drilling Co., Inc., Tulsa, Oklahoma**

Rotary Drilling from **TOP** to **3780'** Cable Tool Drilling from **3780'** to **3791'**

Commenced Producing **September 19, 49** Initial Prod. before shot or acid **XXXX 2 bbls. oil no wcr./hr.** Bbls.
 Initial Prod. after shot or acid **XXXX 24 bbls. oil no wcr./hr.** Bbls.

Dry Gas Well Press. _____ Volume _____ Cu. ft.
 Casing Head Gas Pressure **215** Volume _____ Cu. ft.
 Braden Head (_____) Gas Pressure _____ Volume _____ Cu. ft.
 Braden Head (_____) Gas Pressure _____ Volume _____ Cu. ft.

Arbuckle Line 37779 1/2' **3791'** **3791'**

PRODUCING FORMATION (Name) _____ Top _____ Bottom _____ TOTAL DEPTH _____

CASING RECORD

OD	Size	Wt.	Thds.	Where Set	PULLED OUT		LEFT IN		KIND	Cond'n	CEMENTING	
					Feet	In.	Feet	In.			Sacks Used	Method Employed
8-5/8"	28.1	33		760'	11	227	0	21	21	0	450	Balliburton
5-1/2"	17.2	17		779 1/2'	37	1704	0	395	32	0	100	Balliburton
3-1/2"	17	32		779 1/2'	56	1106	0	395	32	0	100	Balliburton
(8-5/8" casing cut 4' in collar and 1/2" wired to derrick floor)												
Used 1 - 5 1/2" OD Larkin Combination Guide & Loop Ches												

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	9/19/49	9/20/49	9/22/49	
Acid Used				
Size Shot	250	500	750	
Shot Between	3779 1/2 Ft. and 788 Ft.	3779 1/2 Ft. and 3788 Ft.	3779 1/2 Ft. and 3791 Ft.	
Size of Shell				
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		OIL		REMARKS
			From	To	From	To	
Hessner shale	5237'						
Brown Line	4364'						
Lansing Line	3383'				3411'	3425'	Spotted oil stain
Conglomerate	3658'				3454'	3457'	Oil stain and saturation
Viola Line	3679'						
Gimpton Shale	3724'						
Arbuckle Line	3779'				3779'	3780'	Oil stain and saturation
					3786'	3791'	Oil por. & saturation

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
	Well Record		Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Surface well and shale	0	255	
Red bed	225	750	
Anhydrite	750	760	Set and cemented 529' of 4-5/8" casing (Lot 5), 27.55' of 4-5/8" casing (Lot 5), 24' of 4-5/8" casing (Lot 5) at 760' with 100 sacks.
Ran 2-7/8" hole to 1251/4"			
Anhydrite	760	790	
Red bed and shale	790	1225	
Silt and shale	1225	1350	
Shale and shells	1350	1610	
Shale and lime	1610	2950	
Shale	2950	2965	
Lime and shale	2965	3060	
Lime	3060	3130	
Lime and shale	3130	3215	
Lime	3215	3275	
Lime and shale	3275	3400	
Lime	3400	3411	
Slightly porous lime	3411	3412	Spotted oil stain
Lime	3412	3413	
Slightly porous lime	3413	3415	Spotted oil stain
Lime	3415	3417	
Slightly porous lime	3417	3422	
Lime	3422	3425	
Slightly porous lime	3425	3454	
Lime	3454	3457	oil stain and saturation
Slightly porous lime	3457	3464	
Lime	3464	3473	Spotted oil stain
Slightly porous lime	3473	3474	Run Halliburton drill stem test with picker set at 3448' open 30 minutes, recovered 630' of muddy water with thin seam of oil.
Lime	3474	3505	
Slightly porous lime	3505	3511	Spotted oil stain and saturation
Lime	3511	3542	
Slightly porous lime	3542	3545	Spotted oil stain and saturation
Lime	3545	3551	
Slightly porous lime	3551	3553	Spotted oil stain with black asphaltic residue
Lime	3553	3596	
Slightly porous lime with trace of spotted oil stain	3596	3601	
Lime	3601	3635	
Shale and chert	3635	3690	TOP OF CHERT 3658'
Conglomerate and chert	3690	3720	TOP OF LIMESTONE 3679'
Chert and shale	3720	3740	TOP OF CHERT 3724'
Shale	3740	3760	
Shale and lime	3760	3779	TOP ANHYDRITE LIME 3779'
Grey to brown fine granular dolomite w/ fair porosity and fair oil stain and saturation	3779	3780	Set and cemented 2704' of 4-5/8" casing (Lot 5), 27.55' of 4-5/8" casing (Lot 5), 24' of 4-5/8" casing (Lot 5) at 760' with 100 sacks of cement. Finished cementing at 12:30 a.m. 9/14/49.
Ran 2-7/8" hole to 1251/4"			
Rigged in and rigged up cable tools and pulled the hole dry on Sept. 19, and 5 1/2" casing tested OK. Drilled cement plug and cleaned out to bottom, no shows.			
Hard greyish green shale w/ little sand	3780	3781	No shows
Tan and brown crystalline dolomite	3781	3783	light porosity and saturation, show of free oil. Tested 5 gals. of oil and water per hour.
Treated through 5 1/2" casing with 250 gallons of Howell 187 acid as follows:			
PLUGGING BACK AND CLEANING RECORD			
Treatment put in 9/17/49 by Howell Inc., using 250 gallons of acid and 50 barrels of oil to fill hole and flush.			
6:33 pm		250 gallons acid in hole	
7:54 pm	450	filled hole with 50 barrels of oil	
1:41 pm	400	start flush	

(See Notes for Record of Formation)

TIME	CP	SP	REMARKS
9:55 pm	500		1/4 barrels of oil in hole to flush
11:55 pm	1500		1 1/2 barrels of oil in hole to flush
1:55 am	1500		3 barrels of oil in hole to flush
2:15 am	1150		4 1/2 barrels oil in hole to flush
2:27 am	1100		Flushed hole with 6 barrels of oil and treatment completed

Swabbed well to bottom 3 hours, 96 barrels of oil and no water, then swabbed through 5 1/2" casing off bottom 7 hours, 14 barrels of oil and 4 barrels acid water. Reacidized through 5 1/2" casing with 500 gallons of Dowell "AKF-18" acid as follows:

ACID TREATMENT NO. 2 - Between 3779 1/2' and 3788'

Treatment put in 9/20/49 by Dowell Inc., using 500 gallons of acid and 91 barrels of oil to fill hole and flush.

TIME	CP	SP	REMARKS
3:42 pm			500 gallons of acid in hole
4:28 pm	500		Filled hole with 79 barrels of oil
4:40 pm	0		3/4 barrel of oil in hole to flush
4:50 pm	325		2 1/2 barrels oil in hole to flush
5:00 pm	500		4 barrels of oil in hole to flush
5:20 pm	650		6 1/2 barrels of oil in hole to flush
6:00 pm	950		Flushed hole with 12 barrels of oil and treatment completed.

Swabbed out oil used in treating, then swabbed off bottom 9 hours, 37 barrels of oil and 1 barrel of water.

Trilled:

Brown and light grey dolomite

3788 3791 Slight porosity and saturation, very slight increase in oil.

TOTAL DEPTH 3791'

Swabbed through 5 1/2" casing off bottom 18 hours, 52 barrels of oil and 6 barrels of water. On September 22, treated through 5 1/2" casing with 750 gallons of Dowell "AKF-18" acid as follows:

ACID TREATMENT NO. 3 - Between 3779 1/2' and 3791'

Treatment put in 9/22/49 by Dowell Inc., using 750 gallons of acid and 107 barrels of oil to fill hole and flush.

TIME	CP	SP	REMARKS
9:59 am			750 gallons of acid in hole
10:39 am	Vac.		91 barrels of oil in hole, not full
10:40 am	Vac.		Start flush
10:43 am	Vac.		5 barrels oil in hole to flush
10:46 am	Vac.		9 1/2 barrels of oil in hole to flush
10:50 am	Vac.		16 barrels of oil in hole to flush
10:52 am	Vac.		Flushed hole with 18 barrels of oil and treatment completed.

Swabbed through 5 1/2" casing 3 hours, 90 barrels of oil and 10 barrels of water and swabbed to bottom. Swabbed off bottom 2 hours, 18 barrels of oil and 2 barrels of water.

On September 23, ran 24 tubing and rods and shut down to install regular pumping equipment.

Finished installing pumping equipment and tank battery, and on October 21, POG 24 hours to fill lead line and treater, and 32 barrels of oil and 3 barrels of water in receiving tank. On October 22, POG 24 hours, 51 barrels of oil and 6 barrels of water. On October 23, POG 24 hours, 46 barrels of oil and 6 barrels of water. On October 24, POG 24 hours, 63 barrels of oil and 7 barrels of water.

On October 26, POG 8 hours on physical potential test, 34.56 barrels of oil and 3 barrels of water to establish 24 hour State Corporation Commission potential of 104 barrels. Allowable 25 barrels per day.

SLOPE TEST DATA: Tests were taken at 250' intervals from 250' to 2750' inclusive, with no deviation from vertical noted.

PLUGGING BACK RECORD

Date commenced: May 15, 1951

Date completed: June 5, 1951

Plugged back from 3791' to 3470'

PB TD-3470'

Production before: 5 bbls. oil and 19 bbls. water

Production after: 103 bbls. oil, 16 bbls. water, and 943 M.C.F. gas

Kind of tools used: Cable

Tools owned by: Flournoy Drilling Company

Producing From: Lansing Lime

ACID RECORD

Date:	5/17/51	5/19/51	5/22/51	For remaining
Amount:	500 gals.	500 gals.	500 gals.	treatments see
Between:	3502' and 3513'	3449'-3457'	3424'-3430'	remarks
Company:	Dowell Inc.	Halliburton	Halliburton	

CHANGES IN CASING RECORD

5½" OD casing perforated from 3502' to 3513' with 35 holes, 3449'-3457' with 23 holes, and from 3450½' to 3458½' with 24 Kone shots.

Moved in and rigged up cable tools of Flournoy Drilling Company on May 15, 1951. Pulled rods and tubing and set 5½" Halliburton bridging plug at 3577'. Dumped 4 sacks of Cal-Seal on top of plug from 3577' to 3533' CLM. On May 17, bailed hole dry and perforated 5½" casing with 35 holes from 3502' to 3513', no shows. Treated through casing with 500 gallons of Dowell "A" acid as follows:

ACID TREATMENT NO. 4 - Between 3502' and 3513'

Treatment put in 5/17/51 by Dowell Inc., using 500 gallons of acid and 94 barrels of water.

TIME	CP	REMARKS
2:20 pm		500 gallons of acid in hole
2:27 pm		Start water to fill hole
2:35 pm	100'	Filled hole with 82½ barrels of water
3:05 pm	600'	1½ barrels water in hole to flush
3:15 pm	450'	2½ barrels water in hole to flush
3:25 pm	325'	4 barrels water in hole to flush
3:37 pm	600'	7 barrels water in hole to flush
3:45 pm	700'	Flushed hole with 11½ barrels of oil

Swabbed through 5½" casing 3 hours to bottom, no oil and 106 barrels of acid water and water used to load hole, small show of gas. Swabbed off bottom 18 hours, no oil and 108 barrels of water, gas estimated 150 M.C.F. Water analysis indicated Kansas City lime water.

On May 19, set Lane-Wells bridging plug at 3477', bailed hole dry and plug tested dry. Perforated 5½" casing from 3449' to 3457' with 23 holes by Lane-Wells, show of water, no oil, or gas. Treated through 5½" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 5 - Between 3449' and 3457'

Treatment put in 5/19/51 by Halliburton, using 500 gallons of acid and 82 barrels of water.

TIME	CP	REMARKS
5:10 pm		500 gallons of acid in hole, start flush
5:20 pm		Acid on bottom
5:25 pm	500'	Hole loaded
5:35 pm	700'	15 gallons of acid in formation
5:40 pm	400'	140 gallons of acid in formation
5:42 pm	450'	240 gallons of acid in formation
5:45 pm	450'	500 gallons of acid in formation

Swabbed through 5½" casing 2 hours, 1200' from top, show of oil on 82 barrels of water used in treating. Swabbed 3 hours, 146 barrels of oil and 25 barrels of water. On May 20, swabbed through 5½" casing from 2300' down 3 hours, 115 barrels of oil and 19 barrels of water. Ran Gamma Ray Survey from 3475' to 2470', indicated porous zones from 3370' to 3374', 3425' to 3430', 3435' to 3438', 3455' to 3460', and 3466' to 3475'.

On May 21, set Lane-Wells bridging plug on bottom to check measurements, plug stuck on bottom, unable to recover. Set 5½" Lane-Wells plug at 3442', swabbed and bailed hole dry, tested dry. Perforated 5½" casing from 3424' to 3430' with 24 holes by Lane-Wells, no shows. On May 22, treated through 5½" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 6 - Between 3424' and 3430'

Treatment put in 5/22/51 by Halliburton, using 500 gallons of acid and 97 barrels of water.

TIME	CP	REMARKS
8:45 pm		Started acid
8:50 pm		500 gallons acid in casing
9:00 pm		Started water
9:25 pm	500'	Hole loaded
9:30 pm	750'	50 gallons acid in formation
9:35 pm	650'	300 gallons acid in formation
9:40 pm	650'	500 gallons acid in formation

Swabbed through 5½" casing to bottom 2 hours, no oil and 109 barrels of water used in treating and spent acid water. Swabbed off

bottom 17 hours, 6 barrels of oil and 9 barrels of water. On May 23, treated through 5 1/2" casing with 1000 gallons of Dowell "XF-29" acid as follows:

ACID TREATMENT NO. 7 - Between 3424' and 3430'

Treatment put in 5/23/51 by Dowell Inc., using 1000 gallons of acid and 109 barrels of oil.

TIME	CP	REMARKS
10:40 pm	Vac.	1000 gallons of acid in hole, start oil
11:22 pm	Vac.	Filled hole with 57 barrels of oil
11:32 pm	150%	10 barrels oil in to flush
11:40 pm	500%	19 barrels of oil in to flush
11:47 pm	625%	28 barrels of oil in to flush

Swabbed through 5 1/2" casing to bottom 3 hours, 109 barrels of oil (used in treating) and 24 barrels of acid water. Swabbed off bottom 6 hours, scum of oil and 38 barrels of water. Dumped 1 sack of Cal-Seal on top of plug at 3442', did not set.

On May 24, plugged back with 5 gallons of crushed rock from 3442' to 3438'. Ran 2" tubing and set Halliburton squeeze packer at 3444'. Cemented off perforations from 3424' to 3430' with 125 sacks of cement, pressured to 2000#. Reversed out estimated 20 sacks of cement, pulled tubing and shut down for cement to set.

On May 25, swabbed hole dry and drilled cement plug and cleaned out to 3442'. Drilled and drove Lane-wells plug to 3470'.

TOTAL DEPTH PD 3470'

On May 29, ran 2" tubing and rods and PDS 12 hours, no oil and 75 barrels of water used to load hole, and well pumped off. On May 30, tried to pump and found hole dry, no oil, gas, or water by Depthograph test. On May 31, pulled rods and tubing and perforated 5 1/2" casing from 3450 1/2' to 3458 1/2' with 24 Lane-wells Kone shots, no shows. Ran 2" tubing and set Baker retainer at 3440' and treated below retainer with 500 gallons of Halliburton 155 acid as follows:

ACID TREATMENT NO. 8 - Between 3450 1/2' and 3458 1/2'

Treatment put in 6/1/51 by Halliburton, using 500 gallons of acid and 80 barrels of water.

TIME	CP	TP	REMARKS
11:45 am	500%	500%	Loaded hole
11:55 am			Start acid
12:05 pm	400%	1000%	5 gallons of acid in formation
12:15 pm	400%	1500%	10 gallons of acid in formation
12:25 pm	400%	1500%	15 gallons of acid in formation
12:30 pm	400%	1600%	20 gallons of acid in formation
12:35 pm	400%	300%	500 gallons of acid in formation

Pulled tubing and retainer and swabbed through 5 1/2" casing 1 hour and swabbed down 1000' from top, estimated 50 barrels of water (used in treating) and well started flowing. Flowed into pits 2 hours to clean hole, estimated 125 barrels of water (used to load hole) and cut oil. Flowed into tanks 3 hours, 34 barrels of oil and 6 barrels of water. Loaded hole with 80 barrels of water and ran 2" tubing and rods. On June 2, PDS 24 hours, 99 barrels of oil and 80 barrels of water (water used to load hole) and 25 barrels of formation water. On June 3, PDS 24 hours, 91 barrels of oil and 23 barrels of water with casing closed, CP-600%. On June 4, PDS 5 hours with casing closed, 8 1/2 barrels of oil and 1 1/2 barrels of water, CP-640%, gas gauged 517 M.C.F. Then PDS 6 hours with casing pinched, 20 barrels of oil and 2 barrels of water, CP-340%, gas gauged 887 M.C.F. Then PDS 12 hours with casing open, 86 barrels of oil and 12 barrels of water, gas gauged 987 M.C.F. On June 5, PDS 12 hours with casing open, 70 barrels of oil and 11 barrels of water; then PDS 12 hours, CP-400%, 33 barrels of oil and 5 barrels of water, gas gauged 943 M.C.F.

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