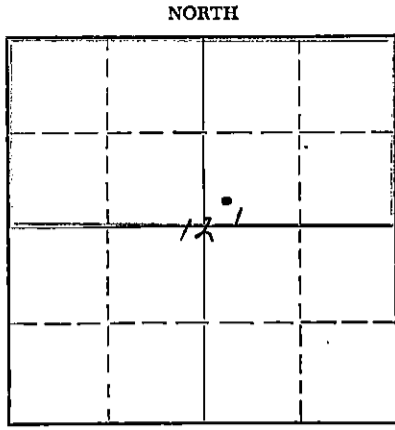


15-119-10308-0000

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

Meade County, Sec. 12 Twp. 34S Rge. (E) 26 (W)
Location as "NE/CNW/SW" or footage from lines SW/4 SW/4 NE/4
Lease Owner Skelly Oil Company
Lease Name Theis "F" Well No. 1
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Gas
Date well completed February 24, 19 53
Application for plugging filed December 6, 19 54
Application for plugging approved December 8, 19 54
Plugging commenced December 4, 19 54
Plugging completed December 5, 19 54
Reason for abandonment of well or producing formation Casing failure



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production October 6, 19 54
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes (verbally)

Name of Conservation Agent who supervised plugging of this well Mr. M. A. Rives
Producing formation Mississippi Depth to top 5697' Bottom 5779' Total Depth of Well 5840 Feet
Show depth and thickness of all water, oil and gas formations. PB 5791'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	OD SIZE	PUT IN	PULLED OUT
Mississippi	Gas	5697'	5779'	9-5/8"	1059'9"	487'4"
				5-1/2"	5887'7"	494'7"

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.

- 30 sacks cement w/ 50% Cal-Seal 507' to 495'
- 100 sacks Pozmix cement 495' to 494'
- 30 sacks cement w/ 50% Cal-Seal 494' to 468'
- Rock 468' to 453'
- Mud 453' to 448'
- 30 sacks common cement and 50% Cal-Seal 448' to 426'
- 50 sacks cement w/ 50% Cal-Seal 426' to 413'
- 200 sacks Pozmix cement No fill up
- 16' rock 413' to 397'
- 25 sacks of cement 397' to 384'
- 60 sacks cement w/ 50% Cal-Seal 384' to 305'
- 40 sacks cement 305' to 284'
- Rock bridge 180'
- 150 sacks of cement 180' to 90'
- Heavy mud 90' to 25'
- 30 sacks of cement 25' to 6'
- Surface soil 6' to 0'

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

Name of Plugging Contractor Chas. Hulme Drlg. Contractor
Address 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 31st day of December, 19 54

My commission expires April 7, 1955 [Signature] Notary Public.

24-7368-5 3-53-20M

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Wichita, Kansas

FILE NO. 12 34 26W
BOOK PAGE 82 LINE 29

0000-80201-611-91

December 4, 1954
Meade, Kansas

Mr. M. A. Rives
State Plugger
Pratt, Kansas

Dear Mr. Rives, below is the data on the Theis "F" Lease Well No. 1 located in C-SW/4 SW/4 NE/4 Section 12-34S-26W Meade County, Kansas which we requested authority to plug and abandon.

Drilled to Total Depth of 5840'

Plugged Back to 5791'

9-5/8" OD 32.3# 8rd Casing set @ 1064' w/ 845 sax Halliburton Cement
5 1/2" OD 15.5# 8rd Casing set @ 5840' w/ 300 sax Halliburton Cement

Perforations:

5 1/2" Casing perforated 5697' to 5708' w/ 66 holes
5758' to 5779' w/ 126 holes

The casing in the above well parted including the 9-5/8" surface string and 5 1/2" long string of casing. The 2" EUE tubing was pulled and in pulling the 5 1/2" Casing, it was found that the 5 1/2" Casing was parted at 407' and it was recovered. The 5 1/2" Casing and 9-5/8" Casing was milled over and fished out to 507' and we were unable to make contact with either of the strings to fish out or recover any more of the casing. Due to not being able to make contact with either string of casing it was decided to plug and abandon this well.

This well was plugged as shown below

The casing & hole was clear to a Depth of 507' -

Dumped 30 sax cement w/ 50% Calseal from 507' to 495' - dumped 100 sax pozmix cement from 495' to 494' - 30 sax cement w/ 50% Calseal from 494' to 468' - pluggback with rock from 468' to 453' - heavy mud from 453' to 448' - 30 Sax cement w/ 50% Calseal from 448' to 426' 50 sax cement w/ 50% Calseal from 426' to 413' - 200 sax Pozmix cement - did not get any fill up - 16' of rock from 413' to 397' - 25 sax common cement from 397' to 384' - 60 sax cement w/ 50% Calseal from 384' to 305' - 40 sax common cement from 305' to 284' - Set rock bridge and 150 sax common cement from ~~180'~~ 180' to 90' - heavy mud from 90' to 25' - 30 sax common cement from 25' to base of cellar - earth from base of cellar to surface - Well completed plugging & abandoned at 9:00 PM 12/5/54

Hoping this information is sufficient, if there is any other information you need, call our office here at Meade, Kansas and we should be able to give it to you.

Yours truly,

W.C. Wilson

William C. Wilson
Skelly Oil Company
Box 497
Meade, Kansas

Phone 94 Meade, Kans.

PLUGGING			
FILE	SEC	12	34
BOOK	PAGE	8	LINE 29

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.

Title "P" 1 Western Kansas
 LEASE WELL NO. DISTRICT
 SEC. 12 T. 34S R. 26W COUNTY Woods Exp.
STATE Kansas JOB NO.
 SURVEY _____ BLOCK _____

CLEANING OUT RECORD	PLUGGING BACK OR DEEPENING RECORD
Date commenced..... <u>April 19,</u> 19 <u>54</u>	Date commenced..... 19
Date completed..... <u>April 24,</u> 19 <u>54</u>	Date completed..... 19
Cleaned out from..... to..... <u>PB T.D. 5791'</u>	Plugged back or deepened from..... to..... T.D.....
Prod. before..... <input type="checkbox"/> bbls. <input type="checkbox"/> oil. <input type="checkbox"/> water. <u>915,000</u> cu. ft. <input type="checkbox"/> gas	Prod. before..... bbls. <input type="checkbox"/> oil. <input type="checkbox"/> water. cu. ft. <input type="checkbox"/> gas
Prod. after..... <input type="checkbox"/> bbls. <input type="checkbox"/> oil. <input type="checkbox"/> water. <u>2,800,000</u> cu. ft. <input type="checkbox"/> gas	Prod. after..... bbls. <input type="checkbox"/> oil. <input type="checkbox"/> water. cu. ft. <input type="checkbox"/> gas
Kind of tools used:.....	Kind of tools used:.....
Tools owned by: <u>Pratt Well Service</u>	Tools owned by:.....

SHOT RECORD

Date	Qts.		Qts.		Qts.		Qts.	
Size shot	Ft. and	Ft.	Ft. and	Ft.	Ft. and	Ft.	Ft. and	Ft.
Shot between								
Size of shell								
Put in by (Co.)								
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.....

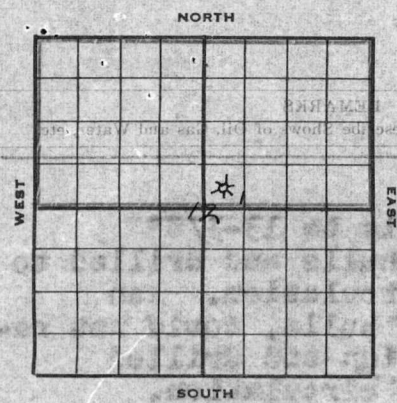
.....
 Superintendent.

REMARKS (Give review of work accomplished and any other comment of interest) Moved in and rigged up pulling unit of Pratt Well Service on April 19, 1954, and loaded hole with 200 barrels of water. On April 20, pulled 2" tubing and on April 21, plugged back from 5823 1/2' to 5791' with 42 gallons of Halliburton resin cement. On April 22, ran 2" tubing and on April 23, swabbed well in and flowed through 2" tubing 12 hours, gas gauged 2,400 M.C.F., CP-7507. Moved out pulling unit, and on April 24, connected to pipe line at 12:00 noon.

PLUGGED BACK TOTAL DEPTH 5791'

RECORD OF FORMATIONS

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



SKELLY OIL COMPANY

Well Record

Lease Name and No. **This "F" #48989** Well No. **1** Elev. **2161' RB**
 Lease Description **N/2 Section 12-34S-26W,** **2179' DF**
Meade County, Kansas **2168 1/2' BR**

Location made **December 2, 52** by **Meade County Engineer**
 feet from North line **330** feet from East line **330**
 feet from South line **330** feet from West line **330** of **Sec. 12**

Work com'd **12/18 52** 19 **Rig comp'd 12/30 52** 19 **Drig. com'd 12/30 52** 19 **Drig. comp'd 2/9 53** 19
 Rig Contractor **Nichols-Duncan Drilling Company**

Drilling Contractor **Nichols-Duncan Drilling Company, Duncan, Oklahoma**
 Rotary Drilling from **0'** to **5840'** Cable Tool Drilling from _____ to _____

Commenced Producing **February 24, 53** 19 **Initial Prod. before shot or acid** _____ Bbls.
Initial Prod. after shot or acid _____ Bbls.

Dry Gas Well Press **CP-175** Volume **7,450,000** Cu. ft.
 Casing Head Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (**9-5/8" Size 58" OD**) Gas Pressure _____ Volume _____ Cu. ft.
 Braden Head (_____ Size _____) Gas Pressure _____ Volume _____ Cu. ft.

PRODUCING FORMATION **Chester Lime** (Name) Top **5697** Bottom **5815** TOTAL DEPTH **5840'**
PB5823 1/2'

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
9-5/8"	323	8R	1064'				33	1059	9	H40 R2 SS A		845	Halliburton
5-1/2"	15.5	8R					23	707	9	J55 R2 SS A			
5-1/2"	15.5	8R					89	2777	4	J55 R2 SS B			
5-1/2"	14 1/2	8R					48	1504	0	J55 R2 SS A			
5-1/2"	15.5	8R	5840'				30	898	6	J55 R2 SS A		300	Halliburton
(9-5/8" casing set 2 1/2' in cellar and 5 1/2" casing cased to derrick floor)													
(5 1/2" casing perforated from 5697'-5708' w/ 66 holes; 5758'-79' w/ 126 holes; 5811'-15' w/ 24 holes) Used 1 - 5 1/2" 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	2/12/53	2/15/53	2/15/53	
Acid Used	1000	8000	1000	
Size Shot				
Shot Between	5811 Ft. and 5815 Ft.	5758 Ft. and 5779 Ft.	5697 Ft. and 5708 Ft.	
Size of Shell				For remaining treatments see remarks
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	
Heebner Shale	4382'						
Toronto	4398'						
Lensing Lime	4560'						
Marmaton Lime	5217'						
Morrow Shale	5664'						
Chester Line	5696'		5697'	5708'			
			5758'	5779'			
			5811'	5815'			

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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						" " " " "

PLUGGING
 SEC 12 34 R 26W
 BOOK PAGE 83 LINE 29 (See Reverse for Record of Formation)

WELLS OIL COMPANY RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Sand and gravel	0	70	Reamed 11" hole to 13-3/8" Mixed pit of hulls and drilled to 455', lost circulation. Ran second pit of hulls, could not regain circulation and drilled ahead without circulation. Reamed hole to 13-3/8". Set and cemented 5-9" OD, 22.30, 38 thd., H-40, H-2, S.S. casing (A cond.) at 1064' with 700 sacks of cement, cement did not circulate. Dumped in 3 sacks of cottonseed hulls, 120 gallons of sand, and pumped in 145 sacks of cement behind casing, cement filled to top.
Red bed	70	400	
Gravel	400	514	
No samples	514	1064	
Red bed and shells	1064	1758	TOP WELLINGTON 1800'
Shale and shells	1758	2135	TOP HOLLINGSBERG 2435'
Shale and anhydrite	2135	2339	TOP HARRINGTON 2462'
Shale and lime	2339	2440	TOP KAIDER 2515'
Shale, lime and anhydrite	2440	2510	TOP WINFIELD 2550'
Shale and anhydrite	2510	2592	TOP DOYLE 2591'
Shale and lime	2592	2795	TOP TORANDA 2620'
Shale, lime and anhydrite	2795	2844	TOP FT. RILEY 2680'
Shale and lime	2844	3200	TOP FLORENCE 2740'
Line and sandy shale	3200	3252	BASE FLORENCE 2778'
Sandy lime and shale	3252	3276	TOP WRENFORD 2843'
Line and shale	3276	4256	
Line, shale and chert	4256	4324	
Shale	4324	4364	
Line and shale	4364	4757	TOP HENBNER SHALE 4382'
			TOP TORONTO 4398'
			TOP LANSING LINE 4560'
Line	4757	4758	
Line and shale	4758	5005	
Line	5005	5055	
Line and shale	5055	5286	TOP MARATON LINE 5217'
Shale	5286	5287	
Line and shale	5287	5414	TOP WISCONSIN SHALE 5400'
Line and chert	5414	5428	
Line	5428	5448	
Line and shale	5448	5694	TOP WISCONSIN SHALE 5664'
			TOP WISCONSIN SANDY LINE 5679'
Line	5694	5700	TOP CHESTER LINE 5696'

Ran Halliburton drill stem test, packer set at 5663', used 37' anchor, open 1 hour, light blow for 1 hour, no gas to surface, recovered 120' drilling mud, BHP-500%.

Cored from 5700' to 5743' - Recovered 34'
 Top 7'6" - Gray, buff, medium to coarse crystalline fossiliferous lime, scattered fair porosity, good gas odor
 Next 11'6" - Gray, fine to medium crystalline fossiliferous dense lime, trace of chert
 Next 1'6" - Shale with streaks of lime
 Next 3'6" - Gray to buff, fine to coarse crystalline dense lime
 Last 10' - Gray to buff, fine to coarse crystalline slightly oolitic dense lime

Ran Johnston drill stem test, packer set at 5695', used 48' anchor. Fluid leaked around formation, pulled packer. Ran second drill stem test, packer set 5661', used 82' anchor, open 1 hour, gas gauged 560 M.C.F., gas to surface in 5 minutes, recovered 150' gas cut mud, BHP-1800%.

CLEANING OUT RECORDS
Cored from 5743' to 5787' - Recovered 44'
 Top 1' - Gray, dense, fine crystalline to sublithographic lime
 Next 2' - Laminated gray to tan fine crystalline to sublithographic lime and dark gray fossiliferous shale
 Next 2' - Gray to tan, fine to medium crystalline dense to argillaceous lime
 Next 3' - Tan to light brown medium crystalline slightly argillaceous very slightly porous lime with slight fair gas odor
 Next 6' - Tan to gray, medium crystalline slightly fossiliferous oolitic lime with shale streaks in top 3'
 Next 1' - Dark gray to black fossiliferous shale
 Next 2' - Gray, fine to coarse crystalline, dense, slightly fossiliferous lime

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 Wells, Kansas

- Next 2' - Gray, fine to coarse crystalline, dense, slightly fossiliferous lime interbedded with gray to black fossiliferous shale
- Next 8' - Tan to brown medium crystalline fossiliferous oolitic lime with slight to fair porosity and fair gas odor
- Next 3' - Same, with good porosity and odor
- Next 6' - Tan, coarse crystalline slightly oolitic brecciated lime with fair porosity and good gas odor
- Next 2'6" - Tan to gray, fine to coarse crystalline slightly fossiliferous and argillaceous stromatolitic very slightly porous lime with fair gas odor
- Next 1'6" - Light gray, dense, very fine crystalline lime with few gray argillaceous lime laminations
- Next 3' - Dark gray fossiliferous shale
- Last 1' - Tan, dense, medium to coarse crystalline lime

Ran Halliburton drill stem test, packer set at 5741', used 46' anchor, open 1 hour 15 mins., gas gauged 500 M.C.F., gas to surface in 6 minutes, recovered 200' gas cut mud, BHP-1900'.

Drilled:

Lime	5787	5808	
Lime and shale	5808	5840	Ran Schlumberger Survey

Set and cemented 898'6" of 5 1/2" OD, 15.5#, 8R thd., R-2, J-55, S.S. casing (A cond.); 1504' of 5 1/2" OD, 14#, 8R thd., R-2, J-55, S.S. casing (A cond.); 2777'4" of 5 1/2" OD, 15.5#, 8R thd., R-2, J-55, S.S. casing (B cond.); 707'9" of 5 1/2" OD, 15.5#, R-2, J-55, S.S. casing (A cond.) at 5840' with 300 sacks of Pozmix cement, finished at 2:00 p.m. February 10, 1953. Ran Halliburton Temperature Survey, found top of cement behind 5 1/2" casing at 4435'. Ran 2" tubing, drilled cement and cleaned out to 5801', pulled 2" tubing and shut down for cement to set.

Ran 2" tubing and cleaned out from 5801' to 5823 1/2'. Pulled 2" tubing and perforated 5 1/2" casing from 5811' to 5815' with 24 holes by Lane-Wells. Ran 2" tubing with Halliburton HM packer set at 5800' and treated through tubing with 1000 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 1 - Between 5811' and 5815'

Treatment put in 2/12/53 by Halliburton, using 24 barrels of water to flush.

TIME	TP	REMARKS
10:00 pm		Start acid down tubing
10:10 pm	500#	Acid on bottom, 950 gallons in
10:23 pm	750#	Acid entering formation
10:55 pm	1000#	970 gallons of acid in tubing
1:00 am	1000#	1000 gallons of acid in tubing, started flush
2:02 am	900#	15 barrels water in to flush
2:08 am	400#	20 barrels water in to flush
2:10 am	150#	Flushed with 24 barrels of water

Swabbed out water and spent acid water used in treating and well started flowing. Flowed through 2" tubing 3 hours, gas gauged 2,740 M.C.F. Flowed through 2" tubing 2 hours, gas gauged 2,740 M.C.F. Loaded hole with water and pulled 2" tubing with HM packer.

Set Lane-Wells magnesium bridging plug at 5796', dumped 1/2 sack of Cal-Seal on plug and perforated 5 1/2" casing from 5758' to 5779' with 126 holes by Lane-Wells. Ran 2" tubing with Halliburton HM packer set at 5735'. Swabbed out water used to load hole, swabbed well in and flowed through 2" tubing 6 hours, gas gauged 200 M.C.F. Treated through 2" tubing with 8000 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 2 - Between 5758' and 5779'

Treatment put in 2/15/53 by Halliburton, using 8000 gallons of acid and 24 barrels of water to flush.

TIME	TP	REMARKS
11:35 am	500#	Started acid down tubing
11:47 am	1100#	1000 gallons of acid in tubing, on bottom
11:57 am	1200#	5000 gallons of acid in tubing
12:16 pm	1200#	7500 gallons of acid in tubing
12:18 pm	500#	8000 gallons of acid in tubing, started flush
12:24 pm	750#	Flushed with 24 barrels of water

Swabbed well and well began to flow, flowed through 2" tubing 8 hours to clean up hole, gas gauged 3,120 M.C.F. Loaded hole with 150 barrels of water, pulled 2" tubing and HM packer, and set Lane-Wells bridging plug at 5725'. Perforated 5 1/2" casing from 5697' to 5708' with 66 Type "A-2" holes. Dumped 1/2 sack of Cal-Seal on top of plug and ran 2" tubing and Halliburton HM packer set at 5678'. Treated through 2" tubing with 1000 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 3 - Between 5697' and 5708'

Treatment put in 2/15/53 by Halliburton, using 1000 gallons of acid and 24 barrels of water to flush.

TIME	TP	REMARKS
7:14 am		Started acid down tubing
7:23 am	250'	Acid on bottom
7:30 am	600'	940 gallons of acid down tubing
7:55 am	1000'	1000 gallons of acid down tubing, start flush
8:08 am	900'	Flushed with 24 barrels of water

Swabbed well in and flowed through 2" tubing 5 hours, gas gauged 3,590 M.C.F. Reacidized through 2" tubing with 6000 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 4 - Between 5697' and 5708'

Treatment put in 2/15/53 by Halliburton, using 6000 gallons of acid and 24 barrels of water to flush.

TIME	TP	REMARKS
3:30 pm	850'	Started acid down tubing
3:45 pm	1200'	3000 gallons of acid down tubing
3:52 pm	1000'	6000 gallons of acid down tubing
3:53 pm	700'	Started flush
4:02 pm	450'	Flushed with 24 barrels of water

Swabbed well in and flowed through 2" tubing 8 hours, gas gauged 3,970 M.C.F. Loaded hole with 150 barrels of water, pulled HM packer and ran 2" tubing with bit. Drilled out plugs set at 5725' and 5796'. Pulled 2" tubing, removed bit. Reran 2" tubing with mud anchor. Swabbed out load water and well started flowing. Flowed through 2" tubing 9 hours, gas gauged 2,310 M.C.F., CP-600'; after 19 hours gas gauged 3,530 M.C.F., CP-625'. On February 18, flowed through 2" tubing 6 hours, gas gauged 4,310 M.C.F. Shut in 3 hours and casing pressure raised from 625' to 1075'. Opened casing and tubing and flowed through 2" tubing 1 hour 45 minutes, casing pressure dropped to 650' and gas gauged 6,010 M.C.F.

On February 19, flowed through 5 1/2" casing 2 hours, no gauge on gas, then shut in to build up pressure, SI CP-1500'. On February 21, flowed through 2" tubing 6 1/2 hours to clean up hole, gas gauged 2,830 M.C.F., CP-600'. On February 22, SI CP-1525', SI TP-1575'; then flowed through casing and tubing intermittently for 12 hours to clean up hole, gas gauged 3,400 M.C.F. with 600' back pressure. On February 23, SI CP-1575', SI TP-1550'. Treated through 2" tubing with 1000 gallons of Dowell 15% H-38 acid as follows:

ACID TREATMENT NO. 5 - Between 5697' and 5815'

Treatment put in 2/23/53 by Dowell Inc. using 3500 gallons of acid and 12 barrels of water to flush.

TIME	CP	TP	REMARKS
7:00 pm	1575'	1550'	Start 15% acid in tubing
7:04 pm	1575'	1300'	330 gallons 15% acid in
7:09 pm	1585'	600'	750 gallons 15% acid in
7:12 pm	1590'	0'	1000 gallons 15% acid in, on bottom (split 15% acid to 7 1/2%)
7:16 pm	1595'	1300'	1200 gallons 7 1/2% acid in
7:21 pm	1600'	1300'	2500 gallons 7 1/2% acid in
7:26 pm	1610'	1300'	3700 gallons 7 1/2% acid in
7:32 pm	1625'	1300'	5000 gallons of 7 1/2% acid in, start flush
7:35 pm	1625'	1300'	Flushed with 12 barrels of water

Flowed through 2" tubing 8 hours to clean hole, gas gauged 3,590 M.C.F., CP-925'. Corrected productivity 5,480 M.C.F. On February 24, flowed through 5 1/2" casing 2 hours, gas gauged 7,450 M.C.F., pressure stabilized at 175'.

TOTAL DEPTH 5840' FB 5823 1/2'

SLOPE TEST DATA: 1279', 0 Degree; 1700', 1/4 degree; 2510', 1/2 degree; 3587', 1/4 degree; 4521', 1/2 degree; 4646', 1/2 degree.

PLUGGING RECORD

Date Commenced: October 13, 1954
 Date Completed: December 3, 1954

Production Before: 375 M.C.F. gas per day, 2 barrels condensate per day

Plugged back from 5791' to 0'
 2 jts. (66') of 5 1/2" OD, 15.5#, 8R, R-2, J-55, S.S. csg. (D cond.)
 Pulled: 13 jts. (401'7") of 5 1/2", 15.5#, 8R, R-2, J-55, S.S. csg. (B cond.)
 18 jts. (387') of 9-5/8", 32.3# 8R, R-40, S.S. casing (D cond.)
 3 jts. (100'4") of 9-5/8", 32.3# 8R, R-40, S.S. casing (C cond.)
 1 jt. (27') of 5 1/2" OD, 15.5#, 8R, R-2, J-55, S.S. csg. (E cond.)

During a deliverability test on this well in October, 1954, it was determined that the 5 1/2" casing was parted and possibly collapsed. Cable tools of the Flournoy Drilling Company were moved in and rigged up on October 13.

Pulled 2" tubing and 13 joints (401'7") of 5 1/2" OD, 15.5#, 8R thd., R-2, J-55, S.S. casing and found casing had broken off and parted at the bottom of a coupling. Ran impression block which indicated 5 1/2" casing to be kinked some place below the top of casing left in the hole. Ran, but were unable to get Bowen casing bowl below 5" over the top of 5 1/2" casing, which was not sufficient to latch onto 5 1/2" casing. Ran 7" OD skirt on 2 1/2" tubing and tried to get over top of 5 1/2" casing in an effort to straighten 5 1/2" casing in hole; unable to straighten 5 1/2" casing in hole. Tried to run 8-5/8" OD washover pipe, 8-5/8" would not go through 9-5/8" OD casing. Ran 6-1/8" mill and mill went to top of 5 1/2" casing. Milled over 5 1/2" casing 27". Ran impression block, then went in with 5 1/2" washover pipe with 7" skirt and set down over 5 1/2" casing in hole. Pulled casing and 7" skirt, then ran 4 1/2" swedge and swedge went to 405'10". At this time it was decided to move in light rotary tools to fish for casing.

On October 20, moved in rotary table, drill pipe, and casing roller. Ran 3" drill pipe with Eastman casing roller and casing swedge. Rolled on 5 1/2" casing 8 hours, roller went into 5 1/2" casing 1'9" in first 2 hours and would not go deeper. Pulled roller and ran drill pipe with 8 1/2" washover shoe. Washed over 5 1/2" casing 10'. Ran impression block and block showed shale. Ran 5 1/2" casing with Bowen casing connector, but could not set down over 5 1/2" casing in hole. Ran 3" drill pipe with casing hook to try to pull 5 1/2" casing over in center of hole, casing too tight and would not swing over. Ran 3" drill pipe with 4 1/2" swedge, swedge would not go inside of 5 1/2" casing. Mixed mud and pumped down hole, while doing so, drilled 50' outside of surface casing to 467' with 4 1/2" bit, and did not regain lost circulation. Ran impression block to 415', no impression. Tried to center 5 1/2" casing with wall hook, but could not do so. Ran impression block, which indicated two jagged pieces of casing.

At this time cable tools and light rotary equipment were moved out and the job shut down until November 15, when complete rig of heavy rotary tools of Charles Hulme Drilling Company were moved in and rigged up.

On November 15, tried to run 9-5/8" OD Lane-Wells bridging plug, but could not run plug due to obstruction at 207'. Ran 8-5/8" OD casing roller in 9-5/8" surface casing, then ran Lane-Wells gauge to check inside of casing, and stuck gauge in 9-5/8" casing. Fished out gauge, then reamed out 9-5/8" casing. Ran and set 9-5/8" Lane-Wells bridging plug at 359'. Washed over and cut off 9-5/8" casing and pulled a total of 397.42' of 9-5/8" casing. Ran impression block and were unable to get impression. Ran washover pipe and washed over to 480'. Pulled washover pipe and found that pipe had gone outside of 9-5/8" casing. Ran impression block and could not set down on 9-5/8" casing. Ran wall hook and tried to pull casing in center of hole, unable to move casing. Ran 13" impression block on crooked piece of pipe and set down on edge of 9-5/8" casing. Ran 4 1/2" mill and milled to 417'. Ran impression block and could not get over 9-5/8" casing. Bent joint of drill pipe while trying to run impression. Ran 13-3/8" washover pipe with kickout sub above and got over 9-5/8" casing. Washed over 9-5/8" casing to 480'. Ran cutter and could not get cutter over 9-5/8" casing. Again tried to run 13-3/8" washover pipe on November 19, and finally got washover pipe over 9-5/8" casing at 417'. Ran 5' piece of 13-3/8" casing with washover shoe, which went over 9-5/8" casing. Ran impression block with knuckle joint and found rolled piece of pipe. Ran 9-5/8" overshot and fished out 89.81' of 9-5/8" casing, leaving top of 9-5/8" casing in hole at 507'. Ran 13-3/8" washover pipe and found top of 5 1/2" casing at 417'. Ran outside cutter and cut off 5 1/2" casing at 506'. Pulled 93' of 5 1/2" casing.

On December 2nd, ran 4-3/4" mill and attempted to run inside of 5 1/2" casing with mill, could not get inside of casing. Ran 13-3/8" washover pipe on crooked piece of 4 1/2" drill pipe and tried to wash over

9-5/8" casing; could not touch 9-5/8" casing. Ran 4' of 13-3/8" wash-over pipe on 4 1/2" crooked piece of drill pipe and knuckle joint, and could not touch 9-5/8" casing. Ran 4 1/2" drill pipe with 12-1/4" bit and drilled down outside of 9-5/8" casing to 537'; then ran 6-7/8" bit and drilled to 575'. Ran impression block, no impression. Since were unable to get back over top of 9-5/8" casing, regular authority was granted to plug and abandon the well. On December 4, began plugging the well as follows:

(.cond. D) .s.c. .s.s. .s.	30 sacks of cement	507' to 495'
	100 sacks Pozmix cement	495' to 494'
	30 sacks cement w/ 50% Cal-Seal	
	Cal-Seal	494' to 468'
(.cond. E) .s.c. .s.s. .s.	Rock	468' to 453'
	Mud	453' to 448'
	30 sacks common cement and 50% Cal-Seal	448' to 426'
	50 sacks of cement w/ 50% Cal-Seal	426' to 413'
	200 sacks Pozmix cement	no fill up
	16' rock	413' to 397'
	25 sacks of cement	397' to 384'
	60 sacks of cement w/ 50% Cal-Seal	384' to 305'
	40 sacks cement	305' to 284'
	Rock bridge	180'
	150 sacks of cement	180' to 90'
	Heavy mud	90' to 25'
	30 sacks of cement	25' to 6'
	Surface soil	6' to 0'

Plugged and abandoned December 5, 1954.