

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

Morton

County, Sec. 30 Twp. 32S Rge. (E) 43 (W)

Location as "NE/CNW/SW" or footage from lines 1274' FEL 1320' FSL SE/4

Lease Owner Skelly Oil Company

Lease Name L. J. Keinath Well No. 1

Office Address Box 1650, Tulsa, Oklahoma

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

Date well completed January 15, 19 56

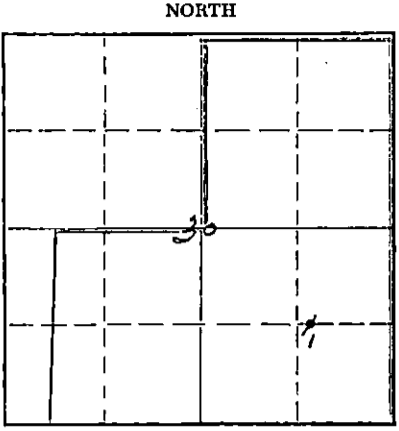
Application for plugging filed January 23, 19 56

Application for plugging approved January 24, 19 56

Plugging commenced January 26, 19 56

Plugging completed January 27, 19 56

Reason for abandonment of well or producing formation Dry Hole



Locate well correctly on above Section Plat

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

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. M. A. Rives

Producing formation Depth to top Bottom Total Depth of Well 3318 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
Topeka	Dry	3102'		9-5/8"	774'3"	None
Lecompton	Dry	3224'		5-1/2"	3341'0"	1100'6"

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.

Cement	3318' to 3287'
40 Gal. Cealment	3287' to 3254'
Cement	3254' to 3036'
60 Gal. Cealment	3036' to 3011'
Bridging plug	2997'
Cal-Seal	2997' to 2995'
Cement	2995' to 2970'
Bridging plug	2952'
Cal-Seal	2952' to 2948'
Bridging plug	2912'
20 sacks of cement	2912' to 2727'
Heavy mud	2727' to 650'
Rock bridge	650' to 645'
20 sacks of cement	645' to 625'
Heavy mud	625' to 30'
Rock bridge	30' to 25'
10 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 Ace Pipe Pulling Company
Address Box 304, Great Bend, Kansas

STATE OF Kansas, COUNTY OF Reno, ss.
H. E. Wamsley (employee of owner)

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 23rd day of February, 1956

My commission expires April 7, 1959

RECEIVED CORPORATION COMMISSION

FEB 25 1956 2-25-1956

CONSERVATION DIVISION
Wichita, Kansas

Josephine L. Johnson Notary Public.

PLUGGING
FEL 30 T 32 R 43W
BOX 33 LINE 32

15-129-10155-0000
SKELLY OIL COMPANY

Well Record
 Lease Name and No. **L. J. Keinath** Well No. **1** Elev. **3635'**
 Lease Description **Lot 2, 2nd 1/2 W/4 and E/2 Sec. 30-32S-**
13, Morton County, Kansas (435.50 Acres)
 Location made **November 25, 1955** by **Morton County Engineer**
 feet from North line **1276** feet from East line **55/4**
 feet from South line **1320** feet from West line of **Sec. 30**
 Work com'd **11/28** 19**55** Rig. com'd **11/29** 19**55** Drig. com'd **11/29** 19**55** Drig. comp'd **12/14** 19**55**

Rig Contractor **Midwestern Drillers**
 Drilling Contractor **Midwestern Drillers, Tulsa, Oklahoma**
 Rotary Drilling from **0'** to **3318'** Cable Tool Drilling from **to complete** to
 Commenced Producing **DRY HOLE** Initial Prod. before shot or acid _____ Bbls.
 Initial Prod. after shot or acid _____ Bbls.
 Dry Gas Well Press _____ Volume _____ Cu. ft.
 Casing Head Gas Pressure _____ Volume _____ Cu. ft.
 Braden Head (_____) Gas Pressure _____ Volume _____ Cu. ft.
 Braden Head (_____) Gas Pressure _____ Volume _____ Cu. ft.
 PRODUCING FORMATION **DRY HOLE** Top _____ Bottom _____ TOTAL DEPTH **3318'**

CASING RECORD

Casing 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"	32.3	8K	775'				27	774	3	340 #2	D	500	Halliburton
5-1/2"	14.5	8K	3315'	35	1100	6	59	1140	6	355 #2	D	185	Halliburton
(9-5/8" casing set in annular and 34" casing to derrick floor)													

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

Date	FIRST		SECOND		THIRD		FOURTH	
	Size Shot	Shot Between	Size Shot	Shot Between	Size Shot	Shot Between	Size Shot	Shot Between
	500	3240 Ft. and 3246 Ft.	1000	3103 Ft. and 3108 Ft.	1000	3103 Ft. and 3108 Ft.		
Size of Shell							not remaining	
Put in by (Co.)	Dowell, Inc.		Dowell, Inc.		Dowell, Inc.		Dowell, Inc.	
Length anchor							used as	
Distance below Cas'g								
Damage to Casing or Casing Shoulder								

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
Topsoil	3102'						
Reconition	3224'						
Weather shale	3265'						

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
 See Reverse for Record of Formation)
 BOOK PAGE 33 LINE 32

CONSERVATION DIVISION
 Wichita, Kansas

RECORD OF FORMATIONS

FORMATION	WELL TOP	BOTTOM	REMARKS
Surface Sand	0	130	
Sand	130	230	
Gyp and shells	230	430	
Red bed and gyp	430	550	
Red bed and anhydrite	550	777	Set and cemented 5-5/8" casing (1) at 775' w/ 500 sacks of common cement, 3 sacks of calcium chloride. Cement circulated.
Red bed and sand	777	959	
Red bed and gyp	959	1145	
Sand	1145	1176	
Red shale	1176	1210	
Red bed and anhydrite	1210	1445	Set drill pipe - Ran Schlumberger survey - Recovered drill pipe.
Red bed and gyp	1445	1840	
Anhydrite and shale	1840	1945	
Shale and lime	1945	2825	
Shale and shells	2825	2920	
Lime and shale	2920	3032	
Lime	3032	3318	
Shale and lime	3318		

CASING RECORD

DATE	DESCRIPTION	DEPTH	REMARKS
12-1-55	Set and cemented 5-1/2" casing (1) at 3315' with 180 sacks of cement, 62 cu. ft. of Turco-Prote, 17% of Floccin and 350 gallons of solvent. Finished 9:00 p.m. 12/14/55.	3315'	

On December 20, 1955, moved in cable tools and snubbed and bailed the hole dry, 5 1/2" casing tested dry. Filled cement and cleaned out to 3267'. Ran Schlumberger collar locator. Perforated 5 1/2" casing from 3245' to 3269' with 24 Schlumberger bullets, no shows; bailed and tested 1 hour to clean hole, light show of gas. On December 21, bailed and tested 5 hours, slight show of gas and 20 gallons of salt water per hour. Flugged back from 3267' to 3254' with 40 gallons of Howell Cement, lab set 5 hours, show swabbed hole dry.

Perforated 5 1/2" casing from 3240' to 3246' with 36 holes, no shows. Ran 2" tubing and set Halliburton packer at 3201' and tried to treat with 500 gallons of Dowell 15% acid from 3124' to 3190' as follows: 500 gallons of Dowell 15% acid - 15% annulus and acid communication with lower perforations at 1400' - 1500'. Treated lower perforations with 500 gallons of Dowell 15% acid as follows:

ACID TREATMENT LOG, 1 - Between 3240' and 3246'

Treatment put in 12/22/55 by Dowell Inc., using 500 gallons of acid and 13 barrels of water to flush.

TIME	DESCRIPTION
4:05 pm	Start acid in casing
4:08 pm	Start water in casing
4:26 pm	700
4:26 pm	600
4:28 pm	600
4:29 pm	700
4:30 pm	0

Flushed with 13 barrels of water

Swabbed through 2" tubing 5 hours, water used in treating, no show of gas. Filled tubing and packer, swabbed hole dry, then bailed and tested 5 hours, no gas, 30 gallons of water per hour. Bailed and tested 3 hours, no gas and 20 gallons of water per hour. Ran 2" tubing and set Halliburton cement retainer at 3170'. Cemented perforations from 3164' to 3190' and 3240' to 3246' with 250 sacks of Pozzix cement, 2000' procedure. Finished 12:00 midnight 12/23/55. Filled 2" tubing and shut down for cement to set.

On December 27, swabbed hole dry. Perforated 5 1/2" casing from 3112' to 3121' with 36 holes, no shows. Ran 2" tubing and set Halliburton packer at 3101'. Cemented off perforations from 3112' to 3121' with 150 sacks of common cement, 12-2500'. Filled 2" tubing and shut down for cement to set.

On December 28, swabbed hole dry. Drilled in plug to 3107' and perforated 5 1/2" casing from 3107' to 3108' with 30 1/2" bullets by Schlumberger, no show of gas or water. Treated through 5 1/2" casing with 1000 gallons of Dowell 15% acid as follows:

12-22-55-101-21-000

ACID TREATMENT NO. 2 - Between 3103' and 3108'

Treatment put in 12/28/55 by Dowell Inc., using 1000 gallons of acid and 53 barrels of water.

TIME	OP	TP	REMARKS
4:00 pm			Started acid
4:04 pm			1000 gallons of acid in, start flush
4:11 pm	50%		Hole loaded
4:30 pm	125%		
4:58 pm	300%		
5:36 pm	400%		
5:49 pm	500%		
6:30 pm	Vac.		53 barrels of water in to flush

Swabbed out water and spent acid and swabbed to bottom; then swabbed and tested 2 hours, gas gauged 620 H.C.F. with 20 barrels of salt water per hour. On December 29, ran 2" tubing and set Halliburton DM retainer at 3099' and cemented off perforations from 3103' to 3108' with 150 sacks of common cement, maximum TP-3000'. Pulled tubing and shut down for cement to set.

Swabbed and bailed hole dry and 5 1/2" casing tested dry. Drilled retainer and cement and cleaned out to 3105 1/2'. On December 31, perforated 5 1/2" casing from 3103' to 3105 1/2' with 6 Kone shots and 4 1/2" bullets per foot. Treated through 5 1/2" casing with 1000 gallons of Dowell 15% acid as follows:

ACID TREATMENT NO. 3 - Between 3103' and 3106'

Treatment put in 12/31/55 by Dowell Inc., using 1000 gallons of acid and 55 barrels of water.

TIME	OP	TP	REMARKS
3:04 pm			Start 1000 gallons of 15% acid in casing
3:09 pm			1000 gallons of acid in, start flush
3:14 pm	100%		Hole loaded
3:25 pm	Vac.		
3:27 pm	Vac.		Flushed with 55 barrels of water

Swabbed hole down, then tested 6 hours, gas gauged 600 H.C.F. with 15 barrels of salt water per hour. Ran 2" tubing and set Halliburton DM retainer at 3070' and cemented off perforations from 3103' to 3106' with 100 sacks of common cement, maximum TP-3000'. Pulled 2" tubing and shut down for cement to set.

On January 1, swabbed hole dry, 5 1/2" casing tested dry. Drilled cement and cleaned out to 3060'. Perforated 5 1/2" casing from 3059 1/2' to 3073 1/2' with 24 holes by McFulloch, no shows; and from 3056 1/2' to 3059 1/2' with 30 holes, no shows; bailed and tested 6 hours, no gas, 8 gallons of salt water per hour. Ran 2" tubing and set Halliburton DM packer at 3066', then treated through 2" tubing with 500 gallons of Dowell 15% acid as follows:

ACID TREATMENT NO. 4 - Between 3059 1/2' and 3073 1/2'

Treatment put in 1/2/56 by Dowell Inc., using 500 gallons of acid and 72 barrels of water.

TIME	OP	TP	REMARKS
2:04 pm			Loaded annulus
2:07 pm			Start acid in tubing
2:10 pm			500 gallons of acid in, start flush
2:11 pm	100%		Hole loaded
2:54 pm	1000%		Start water flush
2:56 pm	600%		11 barrels of water in to flush

Pulled tubing and packer and swabbed hole to bottom. Swabbed and tested 7 hours, no gas and 20 gallons of salt water per hour; then swabbed and tested 4 hours, no gas and 20 gallons of salt water per hour. Ran 2" tubing and set Halliburton DM retainer at 3090' and cemented off perforations from 3056 1/2' to 3059 1/2' and 3059 1/2' to 3073 1/2' with 150 sacks of common cement, maximum TP-3000'. Pulled 2" tubing and shut down for cement to set.

On January 5, swabbed hole dry and 5 1/2" casing tested dry. Drilled cement and cleaned out to 3063', then perforated 5 1/2" casing from 3056 1/2' to 3059 1/2' with 10 Kone shots and 20 H2 holes, no show of gas or water. Treated with 500 gallons of Dowell 15% acid as follows:

ACID TREATMENT NO. 5 - Between 3056 1/2' and 3059 1/2'

Treatment put in 1/6/56 by Dowell Inc., using 500 gallons of acid and 74 barrels of water.

TIME	OP	TP	REMARKS
11:43 pm			Start acid
11:44 1/2 pm			500 gallons of acid in, start flush
11:56 1/2 pm	125%		
12:06 am	125%		
12:29 am	175%		
1:16 am	250%		
2:03 am	300%		Finished flush

FLUGGING
 REC 30 I 32 R 43W
 33 LINE 32

RECEIVED
 STATE COMMISSION
 FEB 25 1956
 CONSERVATION DIVISION
 WICKIEN, KANSAS

Swabbed and bailed hole dry, tested 2 hours, no gas or water; then bailed and tested 3 hours, no gas or water. Retreated through 5 1/2" casing with 500 gallons of acid as follows:

ACID TREATMENT NO. 6 - Between 3054 1/2' and 3059 1/2'

Treatment put in 1/6/56 by Dowell Inc., using 500 gallons of 22F-32 acid and 73 barrels of water.

TIME	CP	TP	REMARKS
10:51 am			Start acid in casing
10:54 am			500 gallons of acid in, start flush
11:07 am			Hole loaded
11:08 am	100		
11:10 1/2 am	150		
11:17 am	300		
11:22 am	400		
11:55 am	375		
11:59 am	200		Finished flush.

Swabbed hole to bottom, then swabbed and tested 5 hours, no gas with 3 1/2 barrels of salt water per hour. Ran 2" tubing and set Halliburton DM retainer at 3052' and cemented off perforations from 3054 1/2' to 3059 1/2' with 100 sacks of common cement, maximum TP-3000'. Pulled 2" tubing and SD-for cement to set.

On January 7, swabbed and bailed hole dry, 5 1/2" casing tested dry. Perforated 5 1/2" casing from 3043 1/2' to 3047 1/2' with 30 Lane-wells holes, no shows. Treated through 5 1/2" casing with 500 gallons of Dowell 15% acid as follows:

ACID TREATMENT NO. 7 - Between 3043 1/2' and 3047 1/2'

Treatment put in 1/7/56 by Dowell Inc., using 500 gallons of acid and 73 barrels of water.

TIME	CP	TP	REMARKS
6:40 pm			Start 15% acid in casing
6:42 pm			500 gallons of acid in, start flush
6:51 pm	100		Hole loaded
6:59 pm	200		
7:17 pm	100		Finished flush

Swabbed hole down, then tested 7 hours, no gas and 70 gallons of salt water per hour. Ran 2" tubing and set Halliburton DM retainer at 3036'. Cemented off perforations from 3043 1/2' to 3047 1/2' with 100 sacks of common cement, maximum TP-3000'. Pulled 2" tubing.

Swabbed and bailed hole dry, 5 1/2" casing tested dry. Perforated 5 1/2" casing from 3021 1/2' to 3027 1/2' with 36 holes by Lane-wells, no shows; bailed and tested 4 hours, light show of water. Treated through 5 1/2" casing with 500 gallons of Dowell 15% acid as follows:

ACID TREATMENT NO. 8 - Between 3021 1/2' and 3027 1/2'

Treatment put in 1/9/56 by Dowell Inc., using 500 gallons of acid and 72 barrels of water.

TIME	CP	TP	REMARKS
5:05 am			Start acid in casing
5:07 am			500 gallons of acid in, start flush
5:15 am	100		Hole loaded
5:35 am	200		
5:59 am	150		
6:00 am	Vac.		Finished flush

Swabbed hole to bottom, no gas; then bailed and tested 4 hours, no gas and 40 gallons of salt water per hour. Loaded hole with 30 barrels of water and plugged back from 3036' to 3011' with 60 gallons of Dowell Cement. Let set 12 hours and swabbed hole dry, 5 1/2" casing tested dry.

On January 10, perforated 5 1/2" casing from 3004' to 3008' with 24 holes by Lane-wells, no show of gas or water. Treated through 5 1/2" casing with 500 gallons of Dowell 15% acid as follows:

ACID TREATMENT NO. 9 - Between 3004' and 3008'

Treatment put in 1/10/56 by Dowell Inc., using 500 gallons of acid and 73 barrels of water.

TIME	CP	TP	REMARKS
7:58 am			Start acid
8:00 am			500 gallons of acid in, start flush
8:14 am	125		
8:18 am	150		Flushed with 73 barrels of water

Swabbed hole to bottom, then bailed and tested 12 hours, no gas with 35 gallons of salt water per hour. Set 5 1/2" Baker bridging plug at 2997', dumped 5 gallons of Cal-Cool on plug and plugged back from 2997' to 2995'.

Perforated 5 1/2" casing from 2959' to 2954' with 30 1/2" McCullough bullets. Treated through 5 1/2" casing with 500 gallons of Dowell 15% acid as follows:

DOWELL
WELL SERVICE COMPANY
SEATTLE, WASH.

CONSERVATION DIVISION

DATE CORRECTED

PLUGGED and abandoned January 27, 1956.
 DLOE TEST DATA: 250', 7/8 degree; 750', 7/8 degree; 1403', 1/8 degree; 1900', 3/4 degree; 2505', 3/4 degree; 2900', 3/4 degree.

2727	to 650'	HOVELY and
650	to 675'	HOVELY and
675	to 625'	20 sacks of cement
625	to 30'	HOVELY and
30	to 25'	HOVELY and
25	to 0'	10 sacks of cement
0	to 0'	Surface well

20 sacks of cement
 2912' to 2727'

On January 25, used in coils of Ace Pipe Milling Company and plugged the well as follows:

As there were no shows of oil or gas in connected intervals, regular authority was granted to plug and abandon the well.
 On January 25, used in coils of Ace Pipe Milling Company and plugged the well as follows:
 Chopped to bottom 2 hours, no gas; then pulled and tested 5 hours, no gas and 35 gallons of salt water per hour. Pulled and tested 7 hours, no gas and 35 gallons of salt water per hour.
 Set Lane-Wells plugging plug at 2912' and perforated 5 1/2" casing from 2900' to 2907', with 27 Lane-Wells type B buttons, no gas, show of water. Pulled and tested 5 hours, no gas and 60 gallons of salt water per hour.

7:59 pm	200'	HOVELY and
8:01 pm	200'	HOVELY and
8:11 pm	200'	HOVELY and
8:17 pm	200'	HOVELY and
8:17 pm	200'	HOVELY and
9:51 pm	200'	HOVELY and

ACID TREATMENT NO. 12 - Between 2901' and 2975'.
 Treatment run in 1/17/56 by Dowell Inc., using 500 gallons of acid and 75 barrels of water.

Flashed with 75 barrels of water.
 Chopped one water used in treating, no show of gas. Pulled and tested 9 hours, no gas, 220 gallons of salt water per hour.
 Set Lane-Wells plugging plug at 2922' and plugged back with 1/2" casing from 2922' to 2943'. Perforated 5 1/2" casing from 2910' to 2945', with 30 Lane-Wells type B buttons, no gas or water. Treated through 5 1/2" casing with 500 gallons of Dowell 12-32 15% acid as follows:

3:29 pm	200'	HOVELY and
3:31 pm	200'	HOVELY and
3:45 pm	200'	HOVELY and
4:15 pm	200'	HOVELY and
4:45 pm	300'	HOVELY and
7:58 pm	175'	HOVELY and

ACID TREATMENT NO. 11 - Between 2901' and 2965'.
 Treatment run in 1/17/56 by Dowell Inc., using 500 gallons of acid and 75 barrels of water.

Flashed with 75 barrels of water.
 Flashed one water used in treating, no show of gas or water. Treated through 5 1/2" casing with 500 gallons of Dowell 12-32 15% acid as follows:
 Chopped and pulled hole dry, 5 1/2" casing tested dry. Pulled regular, cement plug, and cleaned out to 2970'. Perforated 5 1/2" casing from 2900' to 2960', with 15 jet shoes and 27 regular shoes by McCullough, no show of gas or water. Treated through 5 1/2" casing with 500 gallons of Dowell 12-32 15% acid as follows:

2:15 pm	200'	HOVELY and
2:17 pm	200'	HOVELY and
2:17 pm	200'	HOVELY and
2:27 pm	200'	HOVELY and
2:44 pm	50'	HOVELY and

ACID TREATMENT NO. 10 - Between 2921' and 2971'.
 Treatment run in 1/10/56 by Dowell Inc., using 500 gallons of acid and 75 barrels of water.

Flashed with 75 barrels of water.
 Chopped one water used in treating, no show of gas or water. Treated through 5 1/2" casing with 500 gallons of Dowell 12-32 15% acid as follows:

2:15 pm	200'	HOVELY and
2:17 pm	200'	HOVELY and
2:17 pm	200'	HOVELY and
2:27 pm	200'	HOVELY and
2:44 pm	50'	HOVELY and