

STATE OF KANSAS  
STATE CORPORATION COMMISSION

15-119-10224-0000 sc  
WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 North Market, Insurance Bldg.  
Wichita, Kansas

Meade County, Sec. 1 Twp. 33S Rge. (E) 29(W)

Location as "NE/CNW/SW" or footage from lines C SE/4 SE/4

Lease Owner Skelly Oil Company

Lease Name Charles Bessmer Well No. 1

Office Address Box 1650, Tulsa, Oklahoma

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

Date well completed May 17, 1960

Application for plugging filed May 17, 1960

Application for plugging approved May 18, 1960

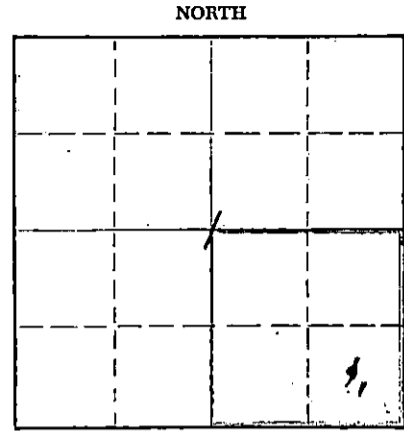
Plugging commenced May 23, 1960

Plugging completed May 27, 1960

Reason for abandonment of well or producing formation Dry Hole

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



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Mr. W. L. Lackamp

Producing formation None Depth to top Bottom Total Depth of Well 5770 Feet

Show depth and thickness of all water, oil and gas formations. PB 5607'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Morrow	Dry			8-5/8"	1413'6"	None
					5801'3"	3246'

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.

15 gals. rock	5607' to 5590'
30 sacks of cement	5590' to 5370'
Heavy mud	5370' to 1400'
Rock bridge	1400' to 1390'
20 sacks of cement	1390' to 1330'
Heavy mud	1330' to 550'
Rock bridge	550' to 540'
20 sacks of cement	540' to 480'
Heavy mud	480' to 40'
Rock bridge	40' to 30'
10 sacks of cement	30' to 6'
Surface soil	6' to Surface

RECEIVED  
STATE CORPORATION COMMISSION

JUN 14 1960

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Ace Pipe Pulling Company  
Address P.O. Box 304, Great Bend, Kansas  
Wichita, Kansas

STATE OF Kansas COUNTY OF Reno, ss.  
H. E. Wamsley (employee of owner) or (owner or operator) of the above-described

well, being first, duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

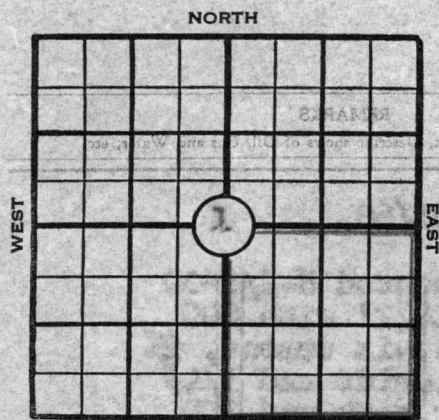
(Signature) *H. E. Wamsley*

Box 391, Hutchinson, Kans.  
(Address)

SUBSCRIBED AND SWORN to before me this 10th day of June, 1960

My commission expires April 7, 1963 *Josephine L. Johnson* Notary Public.

15-119-10224-0000 33-29W



# SKELLY OIL COMPANY

## Well Record

Lease Name and No. **Charles Bessmer #66843** Well No. **1**  
 Lease Description **SE/4 Section 1-33S-29W, Meade County, Kansas (160 Acres)**

Location Staked **March 16, 60** by **Meade Co. Engineer**  
**660** feet from **south** line **660** feet from **east** line  
 of **Section 1**

Elev. **K.B. 2511'**  
 D.F.  
 Elev. G.L.

Drilling Contractor **Claude Wentworth Drilling Co., Inc.**

Work Com'd. **3/22 60** Drilling Com'd. **3/25 60** Reached Total Depth **4/21 60**

Rotary Drilling from **Surface** to **5770'** Cable Tool Drilling from **To complete** to

Well Completed **DRY HOLE** 19 Total Depth **5770'** P.B.T.D.

Initial Completion Test 19

Pressures: F.C.P. F.T.P. S.I.C.P. S.I.T.P.

### PRODUCING FROM

**DRY HOLE**

FORMATION	thru	OPEN HOLE PERFORATIONS	TOP	BOTTOM	Total No. Shots
FORMATION	thru	OPEN HOLE PERFORATIONS	TOP	BOTTOM	Total No. Shots
FORMATION	thru	OPEN HOLE PERFORATIONS	TOP	BOTTOM	Total No. Shots

### CASING RECORD

STRINGS	SIZE	WHERE SET (Depth)	CEMENTING RECORD		All Measurements were taken from top of Kelly Bushing which is <b>7 1/2</b> ft. Derrick Floor from top of surface casing <u>Flange Collar</u>
			Sacks Used	Top Cem't Bh'd. Cas'g.	
Surface	<b>8-5/8"</b>	<b>1412'</b>	<b>900</b>	<b>Surface</b>	
Intermediate	<b>5-1/2"</b>	<b>5769'</b>	<b>100</b>	<b>5050'</b>	
Production					
Liner					Top Liner:

Size	Wt.	Thds.	Kind	Cond.	LEFT IN				PULLED OUT					
					Jts.	LTM		WTM		Jts.	LTM		WTM	
						Feet	In.	Feet	In.		Feet	In.	Feet	In.
<b>8-5/8"</b>	<b>24 1/2</b>	<b>6R</b>	<b>J55 R2 SS</b>	<b>A</b>	<b>43</b>	<b>1401</b>	<b>6</b>	<b>1413</b>	<b>6</b>					
<b>5-1/2"</b>	<b>15 1/2</b>	<b>8R</b>	<b>J55 R2 SS</b>	<b>90%</b>	<b>90</b>					<b>55</b>	<b>1737</b>	<b>0</b>	<b>1749</b>	<b>0</b>
<b>5-1/2"</b>	<b>14 1/2</b>	<b>8R</b>	<b>J55 R2 SS</b>	<b>90%</b>	<b>48</b>	<b>1531</b>	<b>11</b>	<b>1542</b>	<b>5</b>	<b>47</b>	<b>1486</b>	<b>9</b>	<b>1497</b>	<b>0</b>
<b>5-1/2"</b>	<b>15 1/2</b>	<b>8R</b>	<b>J55 R2 SS</b>	<b>A</b>	<b>32</b>	<b>1005</b>	<b>10</b>	<b>1012</b>	<b>10</b>					

### SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	TOP	BOTTOM	GAS		OIL		REMARKS
			FROM	TO	FROM	TO	
<b>Heebner Shale</b>	<b>4336'</b>						
<b>Toronto</b>	<b>4363'</b>						
<b>Lansing</b>	<b>4505'</b>						
<b>Drum</b>	<b>4762'</b>						
<b>Marmaton</b>	<b>5112'</b>						
<b>Cherokee</b>	<b>5302'</b>						
<b>Morrow</b>	<b>5589'</b>						
<b>Morrow Sand</b>	<b>5603'</b>						

**RECEIVED**  
 STATE CORPORATION COMMISSION  
 JUN 14 1960  
 CONSERVATION DIVISION  
 Wichita, Kansas

### TREATMENT RECORD

DATE	TYPE TREATMENT	INTERVAL TREATED	AMOUNT OF TREATMENT

### WORKOVER RECORD

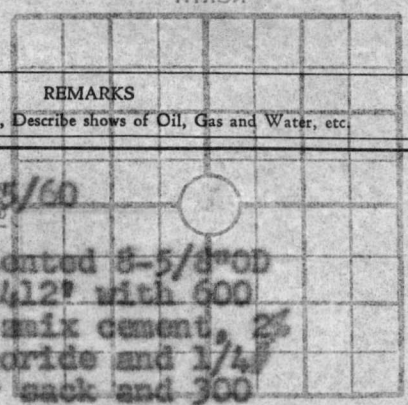
TYPE WORK	DATE COM'D.	DATE COMP.	Plugged back or Deepened		PROD. BEFORE	PROD. AFTER
			FROM	TO		

12-11-1084-000

Form 10-37-A - Revised 1/50

RECORD OF FORMATIONS

SKELLY OIL COMPANY



FORMATION	TOP	BOTTOM	REMARKS
Clay and shale	Surf.	166	Spudded 3/25/60 Set and cemented 8-5/8" OD casing at 1412' with 600 sacks of Pozmix cement, 2% calcium chloride and 1/4" floccle per sack and 300 sacks of common cement with 2% calcium chloride. Cement circulated.
Sand and shells	166	407	
Red bed	407	1413	
Shale	1413	2005	Lost and regained circulation at 3049'
Shale and lime	2005	3301	
Shale and chalk	3301	3330	DRILL STEM TEST NO. 1 5090'-5126' (36') open 1 hr., light blow throughout, recovered 480' muddy salt water, IBHP-1695# in 20 mins., IFF-120#, IFF-305#, FBHP-1510# in 20 mins. Top Cherokee 5302' Top Morrow 5589'
Lime and shale	3330	3547	
Lime	3547	3640	TOP HEEBNER SHALE 4336' TOP TORONTO 4363' TOP LANSING 4505' Top Drum 4762' Top Marmaton 5112'
Lime and shale	3640	3750	
Lime	3750	3876	DRILL STEM TEST NO. 2 5591'-5627' (36'), open 1 hour, good blow throughout test, recovered 180' drilling mud, 375' muddy oil, 735' salt water, 4727' gas in drill pipe, IBHP-1910# in 20 minutes, IFF-190#, IFF-560#, FBHP-1780# in 20 minutes.
Lime and shale	3876	4008	
Lime	4008	4126	Tried to run DST #3 from 5591'-5612' with straddle packers, packers would not hold.
Lime and shale	4126	4210	
Lime	4210	4330	
Lime and shale	4330	4395	

FORMATION	TOP	BOTTOM	REMARKS
Lime	4395	5126	
Core No. 1	5594	5627	Recovered 33'

DEPTH	DESCRIPTION
Top 2'	Limestone, gray-brown, medium crystalline coarsely fossiliferous glauconitic dense
1'	- Shale, gray and green slightly sandy
3'	- Shale, black limey slightly glauconitic with thin sandy streaks
1'	- Shale, black, very limey, slightly sandy, glauconitic, slight odor
2'	- Limestone, brown medium crystalline, shaley, glauconitic with odor
	Top Morrow Sand 5603'
1'6"	- Sand, white, fine grained shaley, limy with good odor
4'	- Sand, green fine to medium grained in part poorly sorted very glauconitic, slight bleeding of gas, oil saturated, good porosity
1'	- Sand as above, slightly limy (with vug porosity) friable, good porosity, oil saturated
3'	- Sand, fine grained, very limy and fossiliferous, good porosity, good oil stain
2'6"	- Sand, uniformly fine grained, good oil stain, slight incipient vertical fractures
5'	- Sand, fine grained slightly limy, good stain, saturated in part
1'	- Limestone, gray, very coarse crystalline fossiliferous, remarketed with black shale, good odor, fair porosity
3'	- Sand, brown, fine grained, very shaley with good stain
1'	- Shale, green, rotten
6"	- Shale, black, hard
1'6"	- Limestone, brown-black, cryptocrystalline, dense

FORMATION	TOP	BOTTOM	REMARKS
Reamed Line	5594	5627	
	5627	5631	

Line 5631 5700

Line 5700 5770

TOTAL DEPTH 5770'

DRILL STEM TEST NO. 3

5581'-5612' (31') with straddle packers, open 1 hour, good blow throughout test, recovered 600' slightly oil and gas cut mud and 290' oily mud, IEHP-1840# in 20 minutes., IFP-255#, FFP-305#, FBHP-1180# in 20 mins. Top Chester 5660'

DRILL STEM TEST NO. 4

5638'-5700' (62') open 1 hour, very weak blow for 35 mins., recovered 20' of drilling mud, IEHP-150# in 20 mins., IFP-30#, FBHP-50# in 20 mins.

Ran Schlumberger Laterolog and MicroLaterolog Surveys.

Total Depth Reached 4/21/60

DRILL STEM TEST NO. 5

5696'-5770' (74') open 1 hour, very weak blow for 10 mins. then quit, recovered 15' drilling mud, IEHP-120# 20 mins., IFP-30#, FFP-30#, FBHP-50# 20 minutes.

Set and cemented 5 1/2" OD casing at 5769' with 100 sacks of common cement and 500 gallons of Dowell Cement. Finished 4/22/60. Halliburton Temperature Survey indicated top of cement behind 5 1/2" casing at 5050'.

On April 25, 1960, moved in and rigged up cable tools and swabbed hole dry. Ran Welex Gamma Ray Collar Locator Survey.

PERFORATION JOB NO. 1 - Chester Line - 5716'-5720'

5 1/2" casing perforated with 4 holes per foot by Welex:

5716'-5720' - 4' - 16 holes

Bailed 6 hours, no gas or oil, 18 gallons of salt water per hour.

Ran 2" tubing and set Halliburton DM retainer at 5708'. Cemented off perforations from 5716' to 5720' with 200 sacks of cement, pressured to 3500# and pulled tubing.

Swabbed hole dry, drilled and cleaned out cement from 5708' to 5713'. Ran 2" tubing with Dowell Abrasijet gun.

PERFORATION JOB NO. 2 - Chester - 5704'-5710'

Perforated 5 1/2" casing with 2 holes per foot by Dowell:

- 5704' - 2 holes
- 5705 1/2' - 2 holes
- 5706 1/2' - 2 holes
- 5707 1/2' - 2 holes
- 5708 1/2' - 2 holes
- 5710' - 2 holes

12

Pulled 2" tubing and swabbed hole dry. Cleaned out 9' of sand in hole, hole dry.

Set Welex bridging plug at 5630' and plugged back with 5 gallons of Cal-Seal from 5630' to 5626'. Ran 2" tubing with Dowell Abrasijet perforating gun.

PERFORATION JOB NO. 3 - Morrow Sand - 5604'-5611'

Perforated 5 1/2" casing with 2 holes per foot by Dowell:

- 5604' - 2 holes
- 5605 1/2' - 2 holes
- 5607 1/2' - 2 holes
- 5608 1/2' - 2 holes
- 5609 1/2' - 2 holes
- 5611' - 2 holes

12

Pulled 2" tubing and swabbed out oil used in perforating; then swabbed 21 hours, light scum of oil with 7 barrels salt water per hour.

RECEIVED STATE CORPORATION COMMISSION

JUN 14 1960

CONSERVATION DIVISION Wichita, Kansas

P46

46

Handwritten notes and signatures at the bottom of the page.

Ran 2" tubing and set Halliburton DM retainer at 5590'. Cemented off perforations from 5604' to 5611' with 150 sacks of common cement, maximum IP-2000#. Pulled 2" tubing.

Swabbed hole dry, drilled retainer at 5590', drilled and cleaned out cement plug from 5590' to 5609½' (24 gallons water per hour, no oil). Bailed 19 hours, very light show gas, too small to gauge, 5 gallons oil and 5 gallons water per hour. On May 8, bailed 8 hours, very light show of gas, too small to gauge, 5 gallons oil and 5 gallons water per hour.

TREATMENT NO. 1 - (Petro-Frac) - 5604'-5609'

5/8/60 treated by Dowell through 5½" casing with 250 gallons of Dowell mud acid ahead of frac, used 750 gallons diesel fuel, 750# sand and 132 barrels oil to flush, maximum CP-3000#. Formation would not take fluid.

Swabbed hole down to 4000' and bailed and cleaned out 750# of sand. Swabbed out oil used in treating and swabbed hole to bottom. Tested 4 hours, 5 gallons of oil and 4 gallons of water per hour.

PERFORATION JOB NO. 4 - Morrow Sand - 5604'-5609'

5½" casing perforated with 2 Kone shots per foot by Lane-Wells:

5604'-5609' - 5' - 10 shots

Tested 2 hours, 5 gallons of oil and 4 gallons water per hour.

TREATMENT NO. 2 - (Acidize) - 5604'-5609'

5/9/60 treated through 5½" casing by Dowell with 500 gallons of 15% mud acid, maximum CP-800#, time 1 hour 43 minutes, used 133 barrels of oil to flush.

Swabbed out oil used in treating; then swabbed through 5½" casing 24 hours, 8 barrels of oil and 152 barrels of water. On May 11, swabbed through 5½" casing 3 hours, fair show of gas, too small to gauge, 1 barrel of oil and 19 barrels of water.

Loaded hole with 2000 gallons of water and plugged back with 40 gallons of Dowell Coalment from 5609' to 5577', pressured to 700#.

Swabbed out fluid used to load hole. Drilled and cleaned out Coalment from 5577' to 5609½'. Swabbed hole dry.

PERFORATION JOB NO. 5 - Morrow - 5607'-5610'

5½" casing perforated with 2 Jet shots per foot by Lane-Wells:

5607'-5610' - 3' - 6 shots - Tested dry

Ran 2" tubing and set Halliburton cement retainer at 5592'. Squeeze cemented through perforations with 150 sacks of common cement, maximum IP-3000#. Pulled tubing.

On May 14, swabbed hole dry, drilled retainer at 5592', drilled cement and cleaned out to 5607'.

PERFORATION JOB NO. 6 - Morrow - 5603'-5606'

Perforated 5½" casing with 2 Jet shots per foot by Lane-Wells:

5603'-5606' - 3' - 6 shots - No shows

5603'-5606' - 3' - 6 Type E bullets - Tested 5 hours, no shows

TREATMENT NO. 3 - (Acidize) - 5603'-5606'

5/15/60 treated through 5½" casing by Dowell using 250 gallons of 15% mud acid, maximum CP-2050#, time 6 hours 42 minutes, used 132 barrels oil to fill and flush.

May 16, swabbed to bottom; then swabbed through 5½" casing 12 hours, 3 barrels of oil and 45 barrels of water.

As all zones of probable production have been tested and neither oil nor gas found in commercial quantities in drilling to and testing the Chester and Morrow, regular authority has been granted to plug and abandon the well.

On May 23, moved in and rigged up plugging machine of Ace Pipe Pulling Company, and plugged the well as follows:

15 gallons of rock  
30 sacks of cement

5607' to 5590'  
5590' to 5370'

Ran McCullough Magnatector Survey and found 5½" casing stuck at 3250'. Ran jet cutter and cut 5½" casing at 3230'. Pulled 55 joints (1749') of 5½" OD, 15½" casing, and 47 joints (1497') of 14½" 5½" casing (90%).

Heavy mud	5370'	to	1400'
Rock bridge	1400'	to	1390'
20 sacks of cement	1390'	to	1330'
Heavy mud	1330'	to	550'
Rock bridge	550'	to	540'
20 sacks of cement	540'	to	480'
Heavy mud	480'	to	40'
Rock bridge	40'	to	30'
10 sacks of cement	30'	to	6'
Surface soil	6'	to	Surface

Plugged and abandoned May 27, 1960.

**SLOPE TEST DATA**

<u>DEPTH</u>	<u>ANGLE OF DEFLECTION</u>
500'	3/4 Degrees
750'	1/4 "
1000'	1/2 "
1750'	1/4 "
2000'	3/4 "
2718'	3/4 "
3062'	1/2 "
3235'	3/4 "
3547'	3/4 "
3820'	3/4 "
3879'	1/2 "
4008'	1 "
4126'	1 "
4494'	1 "
4590'	1 "
4813'	3/4 "
5001'	1 "
5295'	1-3/4 "
5406'	1-3/4 "
5500'	2 "

**RECEIVED**  
 STATE CORPORATION COMMISSION  
 JUN 14 1960  
 CONSERVATION DIVISION  
 Wichita, Kansas