

STATE OF KANSAS
STATE CORPORATION COMMISSION

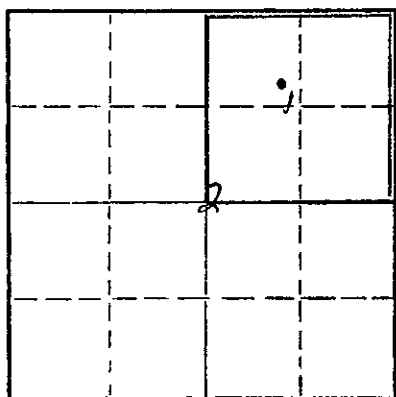
Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 North Market, Insurance Bldg.
Wichita, Kansas

WELL PLUGGING RECORD

Rush County, Sec. 2 Twp. 19S Rge. (E) 17 (W)

Location as "NE/CNW/SW" or footage from lines. SE/4 NW/4 NE/4
Lease Owner Skelly Oil Company
Lease Name Henry Pechanec Well No. 1
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed September 26, 1956
Application for plugging filed April 20, 1961
Application for plugging approved April 24, 1961
Plugging commenced May 8, 1961
Plugging completed May 13, 1961
Reason for abandonment of well or producing formation Depleted

NORTH



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production April 29, 1961
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. Eldon Petty
Producing formation Arbuckle Lime Depth to top 3839' Bottom Total Depth of Well 3908 Feet
Show depth and thickness of all water, oil and gas formations. PB 3854'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE OD	PUT IN	PULLED OUT
Arbuckle Lime	Oil	3842'	3853 1/2'	8-5/8"	1180'0"	None
				5-1/2"	3938'9"	3027'

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 3854' to 3830'
 4 sacks of cement 3830' to 3802'
 Mud 3802' to 460'
 Rock bridge 460' to 450'
 20 sacks of cement 450' to 390'
 Mud 390' to 170'
 Rock bridge 170' to 160'
 20 sacks of cement 160' to 100'
 Mud 100' to 40'
 Rock bridge 40' to 30'
 10 sacks of cement 30' to 6'
 Surface soil 6' to Surface

RECEIVED
STATE CORPORATION COMMISSION

MAY 25 1961

5-23-61

CONSERVATION DIVISION
Wichita, Kansas

(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

STATE OF Kansas COUNTY OF Reno ss.
H. E. Wamsley (employee of owner) of _____ 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 23rd day of May, 1961

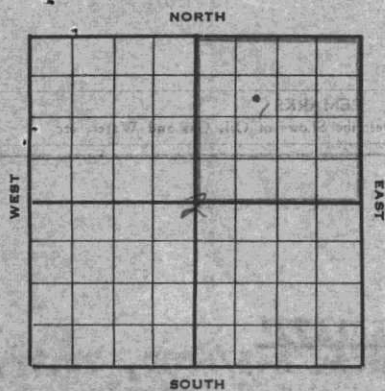
My commission expires April 7, 1963

Josephine L. Johnson
Notary Public.



15-165-00076-0000

SKELLY OIL COMPANY



Well Record

Lease Name and No. Henry Pechanee Well No. 1 Elev. 2082' RB
 Lease Description NE/4 Section 2-19S-17W,
Rush County, Kansas (160 Acres)
 Location made July 28, 1956 by Dupree Ingram
990 feet from North line 990 feet from East line }
990 feet from South line 990 feet from West line } of Sec. 2

Work com'd. 8/4 1956 Rig comp'd. 8/5 1956 Drlg. com'd. 8/5 1956 Drlg. comp'd. 8/22 1956

Rig Contractor Claude Wentworth Drilling Co., Inc.

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

Rotary Drilling from 0' to 3908' Cable Tool Drilling from To complete to

Commenced Producing September 26, 1956 Initial Prod. before shot or acid show of oil Bbls.
 Initial Prod. after shot or acid POB 24 hrs., 15 30 and Bbls.
2 bbls. wtr. to estab. 24 hr. 500 potential

Dry Gas Well Press _____ Volume _____ Cu. ft.

Casing Head Gas Pressure _____ Volume _____ Cu. ft.

Braden Head (8-5/8 Size 5 1/2" OD) Gas Pressure _____ Volume _____ Cu. ft.

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

PRODUCING FORMATION Arbuckle Lime Top 3842' Bottom 3853 1/2' TOTAL DEPTH 3908'
 (Name) PB 3853 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
8-5/8"	2.7	8J	1187				30	1180	0	Araco SW	A	500	Halliburton
5-1/2"	1 1/4	8R	3908				123	3938	9	J55 R2 S3	A	125	Halliburton
(8-5/8" casing set 1' in collar and 5 1/2" cased to derrick floor)													
5 1/2" casing perforations open: 3842'-3853 1/2' with 69 holes													
Used 1 - 5 1/2" Larkin 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	8/29/56	9/2/56	9/3/56	
Acid Used	250	250	500	
Size Shot	Gals. Qts.	Gals. Qts.	Gals. Qts.	Gals. Qts.
Shot Between	3855 Ft. and 3866 Ft.	3842 Ft. and 3853 1/2 Ft.	3842 Ft. and 3853 1/2 Ft.	
Size of Shell				
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	
Topeka Line	3165'						RECEIVED STATE CORPORATION COMMISSION MAY 25 1957 CONSERVATION DIVISION Wichita, Kansas
Heebner shale	3420'						
Toronto Lime	3444'						
Lansing Lime	3474'						
Arbuckle Lime	3839'			3842'	3853 1/2'		

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)

RECEIVED

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Surface soil and shale	0	15	
Shale, shells and sand	15	130	
Shale and shells	130	420	
Shale and sand	420	720	
Shale and red bed	720	1178	
anhydrite	1178	1193	
Shale and red bed	1193	1425	
Shale and shells	1425	1635	
Shale and lime	1635	3425	
Lime	3425	3494	
Oolitic and calcareous	3494	3502	
Lime	3502	3510	
Oolitic lime	3510	3523	
Lime	3523	3525	

CASING RECORD

FORMATION	TOP	BOTTOM	REMARKS
Lime	3525	3836	
Gray, coarse crystalline dolomite	3836	3842	
Buff, fine to coarse crystalline dolomite with oolitic and calcareous	3842	3855	

ACID TREATMENT RECORD

FORMATION	TOP	BOTTOM	REMARKS
Buff, fine to coarse crystalline dolomite	3855	3865	

GEOLOGICAL FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
Fine to medium crystalline dolomite	3865	3885	

GRABBING OUT RECORDS

FORMATION	TOP	BOTTOM	REMARKS
Gray and buff, fine to coarse crystalline dolomite and sandy shale lower 15'	3885	3908	

RECEIVED
 STATE CORPORATION COMMISSION
 MAY 25 1961
 CONSERVATION DIVISION
 Wichita, K.

Ran Halliburton drill stem test No. 6, packer set at 3885', used 23' anchor, open 1 hour, strong blow throughout test, recovered 1160' of sulphur water, IFF-O, IFF-530, BPP-1080.

RECEIVED
STATE CORPORATION COMMISSION

MAY 25 1961
5-25-61
CONSERVATION DIVISION
Wichita, Kansas

Ran Schlumberger Survey.

Set and cemented 5 1/2" OD, 14#, 8R thd., R-2, J-55, S.S. casing (A cond.) at 3908' with 125 sacks of Pozmix cement. Finished cementing at 12:10 a.m. 8/24/56. Halliburton Temperature Survey showed top of cement behind 5 1/2" casing at 3200'.

Rigged up cable tools on August 28. Swabbed and bailed the hole dry and 5 1/2" casing tested dry. Drilled cement plug to 3899' and 5 1/2" casing tested dry. Ran Lane-Wells collar locator survey. Perforated 5 1/2" casing from 3855' to 3866' with 66 holes by Lane-Wells, show of oil and water. Treated through 5 1/2" casing with 250 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 1 - Between 3855' and 3866'

Treatment put in 8/29/56 by Halliburton, using 250 gallons of acid and 96 barrels of oil.

TIME	CP	TP	REMARKS
5:05 pm			Start acid
5:30 pm			Acid on bottom
6:30 pm			83 gallons of acid in
7:00 pm			105 gallons of acid in
8:00 pm			210 gallons of acid in
8:15 pm	1200		250 gallons of acid in

Swabbed through 5 1/2" casing to bottom, 96 barrels of oil used in treating; then swabbed 6 hours off bottom, 23 barrels of water with scum of oil. Ran 2" tubing and set Halliburton DM retainer at 3835' and cemented off perforations from 3855' to 3866' with 100 sacks of common cement, maximum TP-4000. Pulled tubing and shut down for cement to set.

On September 1, swabbed and bailed the hole dry and 5 1/2" casing tested dry. Drilled cement retainer and cement plug to 3854'. Perforated 5 1/2" casing from 3842' to 3853 1/2' with 69 holes by Lane-Wells, light show of drilling mud with few specks of oil. Treated through 5 1/2" casing with 250 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 2 - Between 3842' and 3853 1/2'

Treatment put in 9/2/56 by Halliburton, using 250 gallons of acid and 97 barrels of oil.

TIME	CP	TP	REMARKS
5:03 pm			250 gallons of acid in, start flush
5:25 pm	500		Acid on bottom
7:20 pm	2200		
7:33 pm	1700		50 gallons of acid in formation
7:38 pm	1600		1109 gallons of acid in formation
7:42 pm	1450		170 gallons of acid in formation
7:48 pm	1400		250 gallons of acid in formation

Swabbed to bottom 2 hours, 97 barrels of oil used in treating. Bailed hole dry, then tested off bottom 2 hours, 2 gallons of acid water per hour, no oil. On September 3, reacidized through 5 1/2" casing with 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 3 - Between 3842' and 3853 1/2'

Treatment put in 9/3/56 by Halliburton, using 97 barrels of oil and 500 gallons of acid.

TIME	CP	TP	REMARKS
10:00 am			Start acid
10:27 am	800		Acid on bottom
11:00 am	800		70 gallons of acid in
11:25 am	1200		250 gallons of acid in
11:40 am	1250		500 gallons of acid in

Swabbed to bottom 2 hours, 97 barrels of oil used in treating. Bailed 12 hours off bottom, 19 gallons of oil and 1 1/2 gallons of acid water per hour. Treated through 5 1/2" casing with 750 gallons of Halliburton 15% acid as follows:

Wichita, Kansas
CONSERVATION DIVISION
MAY 25 1961
RECEIVED

ACID TREATMENT NO. 4 - Between 3842' and 3853 1/2'

Treatment put in 9/4/56 by Halliburton, using 750 gallons of acid and 95 barrels of oil.

TIME	CP	TP	REMARKS
10:45 am			Acid on bottom
10:50 am	1100		84 gallons of acid in
10:59 am	1250		420 gallons of acid in
11:03 am	1450		650 gallons of acid in
11:04 am	1500		750 gallons of acid in

Swabbed to bottom 1 1/2 hours, 95 barrels of oil used in treating; then swabbed off bottom 13 hours, 19 barrels of oil and 8 barrels of acid water. Reacidized through 5 1/2" casing with 1500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 5 - Between 3842' and 3853 1/2'

Treatment put in 9/5/56 by Halliburton, using 1500 gallons of acid and 98 barrels of oil.

TIME	CP	TP	REMARKS
11:15 am			Start acid
11:46 am	900		Acid on bottom
11:53 am	1350		630 gallons of acid in
12:07 pm	1450		1470 gallons of acid in
12:10 pm	1450		1500 gallons of acid in

Swabbed through 5 1/2" casing to bottom 1 1/2 hours, 72 barrels of oil used in treating. Swabbed off bottom 13 hours, 26 barrels of oil used in treating, 10 barrels of formation oil and 26 barrels of acid water. On September 6, swabbed through 5 1/2" casing 23 1/2 hours, 25 barrels of oil and 7 barrels of acid water. On September 7, ran 2" tubing and set Halliburton HM packer at 3800'. Ran Halliburton Hydrafrac treatment as follows:

HYDRAFRAC TREATMENT NO. 1 - Between 3842' and 3853 1/2'

- Used 750 gallons of kerosene
- 800 lbs of sand
- 147 barrels of oil to fill and flush
- Maximum TP-3350', minimum TP-3350'
- Time 8 minutes

Pulled tubing and packer and swabbed through 5 1/2" casing 2 hours, 92 barrels of oil used in treating; then swabbed 9 hours, 21 barrels of oil used in treating. On September 9, swabbed 21 hours, 38 barrels of oil used in treating and 1 1/2 barrels of formation.

Ran 2" tubing and rods and FOB 12 hours, 13 barrels of oil and no water. Moved out cable tools and shut down to install pumping equipment.

On September 22, FOB 24 hours, 33 barrels of formation oil and no water. On September 23, FOB 21 1/2 hours, 23 barrels of oil and no water. On September 26, FOB 24 hours on State Corporation Commission physical potential test, 15 barrels of oil and 2 barrels of water to establish 24 hour potential of 15 barrels. Allowable 15 barrels per day.

TOTAL DEPTH 3908' PB 3854'

SLOPE TEST DATA: Tests were taken at 1250', 1500', 1750', 2000', 2250', 2500', 2750', 3000', 3250', and 3500' with no deviation from vertical noted.

RECEIVED
 STATE CORPORATION COMMISSION
 MAY 25 1961
 CONSERVATION DIVISION
 Wichita, Kansas

15-165-00076-0000
SKELLY OIL COMPANY
 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 Henry Pechanec
 SEC. 2 T. 19S R. 17W
 BLOCK _____ SURVEY _____

WELL NO. 1 DISTRICT Western Kansas
 COUNTY Rush AFE NO. 6859
 STATE Kansas

TYPE OF WORK PLUG AND ABANDON WELL

Date commenced April 25, 1961 Date completed May 13, 1961
 Deepened from _____ to _____ Total Depth _____
 Plugged back from 3854' to Surface P.B.T.D. P&A
 Cleaned out from _____ to _____
 Production before 2 1/2 bbls. oil 2 bbls. water 0 cu. ft. gas.
 Production after _____ bbls. oil _____ bbls. water _____ cu. ft. gas.
 Tools owned by; Ace Pipe Pulling Company Kind used; Pulling machine No. days rig time, 28 hrs.
 Cost of Job \$ _____ Revised Estimated Payout (Mos.) _____

TREATMENT RECORD

DATE	TYPE TREATMENT	INTERVAL TREATED	AMOUNT OF TREATMENT

RECEIVED
 STATE CORPORATION COMMISSION
 5-25-61
 MAY 25 1961

CHANGES IN CASING RECORD

STRINGS	SIZE	WHERE SET (Depth)	CEMENTING RECORD		REMARKS
			Sacks Used	Top Cem't. Bh'd. Casg.	
Production					
Liner					Top liner;

CONSERVATION DIVISION
 Wichita, Kansas

SIZE	WT.	THDS.	KIND	COND.	LEFT IN						PULLED OUT					
					Jts.	LTM		WTM		Jts.	LTM		WTM			
						Feet	In.	Feet	In.		Feet	In.	Feet	In.		
<u>5-1/2"</u>	<u>14 1/2</u>	<u>SR</u>	<u>J55 R2 SS</u>	<u>B</u>	<u>28</u>	<u>902</u>	<u>0</u>	<u>911</u>	<u>9</u>	<u>95</u>	<u>3006</u>	<u>0</u>	<u>3027</u>	<u>0</u>		

PRODUCING FROM

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

REMARKS (Give review of work performed and any other comment of interest)

As this well is no longer capable of operating at a profit, and as there are no further zones to test for commercial production, regular authority was granted to plug and abandon the well.

On April 25, 1961, pulled rods and tubing and shut down for machine to plug and abandon.

On May 8, moved in machine and plugged the well as follows:

Sand 3854' to 3830'
 4 sacks of cement 3830' to 3802'

Shot off 5 1/2" casing at 3215' and 3120', unable to pull; shot off at 3030'. Spotted 50 barrels of oil behind 5 1/2" casing at 1000'; displaced oil with water; pressured wooden plug to 2950', and shut down for oil to loosen casing. Pulled 3027' of 5 1/2" casing.

Mud 3802' to 460'
 Rock bridge 460' to 450'
 20 sacks of cement 450' to 390'
 Mud 390' to 170'
 Rock bridge 170' to 160'
 20 sacks of cement 160' to 100'
 Mud 100' to 40'
 Rock bridge 40' to 30'
 10 sacks of cement 30' to 6'
 Surface soil 6' to Surface

Plugged and abandoned May 13, 1961.