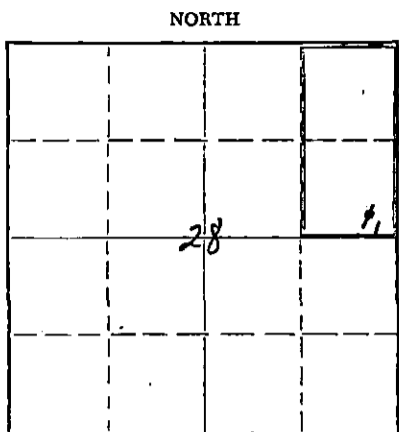


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

All information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

Stafford County. Sec. 28 Twp 25S Rge. (E) 14 (W)
Location as "NE/CNW/SW" or footage from lines SE/4 SE/4 NE/4
Lease Owner Skelly Oil Company
Lease Name A. S. Stinemetze Well No. 1
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed February 8, 19 57
Application for plugging filed February 9, 19 57
Application for plugging approved February 11, 19 57
Plugging commenced February 21, 19 57
Plugging completed February 25, 19 57
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 com-
menced? Yes

Name of Conservation Agent who supervised plugging of this well Mr. R. M. Brundage
Producing formation None Depth to top _____ Bottom _____ Total Depth of Well 4382 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	Dry	4315'	4382'	8-5/8"	768' 0"	None
					4039' 6"	3485' 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.

Cement	4382' to 3972'
Bridging plug	3886'
5 gallons Cal-Seal	3886' to 3881'
Sand	3881' to 3850'
5 sacks of cement	3850' to 3810'
Mud laden fluid	3810' to 347'
100 sacks of cement	347' 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) 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) _____
Box 391, Hutchinson, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 5th day of March, 19 57

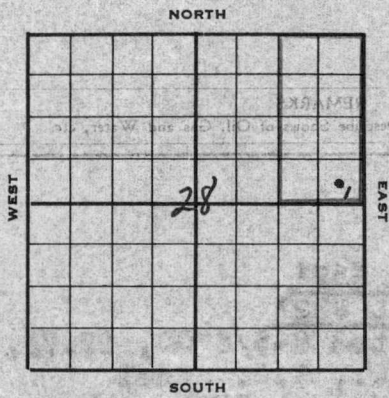
My commission expires April 7, 1959

Josephine L. Johnson
Notary Public.

PLUGGING
FILE SEC 28 T 25 R 14W
BOOK PAGE 139 LINE 27

RECEIVED
STATE CORPORATION COMMISSION
MAR 7 - 1957
3-7-57
CONSERVATION DIVISION
Wichita, Kansas

SKELLY OIL COMPANY



Well Record

1992'RB
1989'DF
1985'EH

Lease Name and No. A. S. Steinmetz Well No. 1 Elev. 1985'EH
 Lease Description 1/2 NE/4 Section 28-25E-14N,
Stafford County, Kansas (80 Acres)
 Location made January 2, 1957 by J. B. Rohling
 feet from North line 330 feet from East line 41/4
330 feet from South line feet from West line of Sec. 28

Work com'd 1/7 1957 Rig com'd 1/9 1957 Drlg. com'd 1/9 1957 Drlg. comp'd 1/31 1957
 Rig Contractor Claude Wentworth Drilling Co., Inc.

Drilling Contractor Claude Wentworth Drilling Co., Inc., Tulsa, Oklahoma
 Rotary Drilling from 0' to 4382' Cable Tool Drilling from to complete to

Commenced Producing DRY HOLE 19 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 (8-5/8" x 5 1/2" OD) Gas Pressure Volume Cu. ft.
 Braden Head () Gas Pressure Volume Cu. ft.

PRODUCING FORMATION DRY HOLE (Name) Top Bottom TOTAL DEPTH 4382'

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"	22.7	SJ	775'				22	768	0	Arco 58	A	475	Halliburton
	5-1/2"	14.8	BR	4008'	09	3485	0	17	556	6	J55 R2 58	A	100	Halliburton
(8-5/8" casing set 2' in collar and 5 1/2" cased 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

	FIRST	SECOND	THIRD	FOURTH
Date	2/7/57	2/7/57		
Acid Used				
Size Shot	600 Gals. Qts.	600 Gals. Qts.		
Shot Between	3908 Ft. and 3920 Ft.	3862 Ft. and 3869 Ft.		
Size of Shell				
Put in by (Co.)	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	3242'						
Heebner shale	3543'						
Toronto Lime	3562'						
Lansing Lime	3720'						
Viola Lime	4173'						
Simpson Sand	4278'						
Arbuckle Lime	4315'						

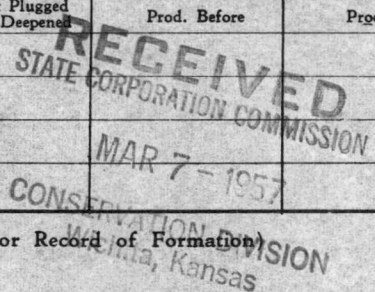
CLEANING OUT RECORDS

	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
Surface soil, clay and sand	0	300	
Red bed, shale and sand	300	600	
Red bed, sand and shells	600	877	
Anhydrite and shale	877	1025	TOP ANHYDRITE 862' TOP ANHYDRITE 882'
Red bed, shale and shells	1025	1235	Set and cemented 8-5/8" OD, 22.7#, R-3, Armo S.W., S.J. steel casing (A cond.) at 775' with 475 sacks of cement, 2% aquagel and 1% calcium chloride. Cement circulated.
Shale and shells	1235	1520	TOP WELLINGTON 1353'
Shale and lime	1520	3265	TOP WELLINGTON 1985' TOP OILY 2919' TOP ANHYDRITE 3160' TOP ANHYDRITE 3242'
Cherty lime	3265	3272	
Lime and shale	3272	3784	TOP HERBER SHALE 3543' TOP TORONTO LIME 3562' TOP ANHYDRITE 3696' TOP LANSING LIME 3720'
Light gray, finely crystalline lime	3784	3788	Pin point to vuggy porosity, scattered light stain
Lime	3788	3802	
Cream to light tan, fine crystalline lime	3802	3806	Scattered poor porosity, traces of black stain
Lime	3806	3810	
Light buff, finely crystalline lime, oolitic	3810	3819	Oolitic and good oolitic porosity, no shows.
Lime	3819	3863	
Tan, finely crystalline lime	3863	3869	Good oolitic porosity and stain, good odor with traces of free oil in wet samples.
Lime	3869	3870	Ran Halliburton drill stem test No. 1, packer set at 3852', used 18' anchor, open 1 hour, fair blow of air throughout test, recovered 60' of very slightly oil and gas cut mud, IFF-50, IFF-50, BHP-65, in 20 minutes.
Lime	3870	3890	Ran Halliburton drill stem test No. 2 using straddle packers, top set at 3790' and bottom at 3850', used 56' anchor, open 1 hour, good blow of air throughout test, recovered 1690' of muddy salt water, IFF-70, IFF-618, BHP-1318, in 20 mins.
Lime	3890	3913	
Light gray to light tan, finely crystalline lime	3913	3920	Fine oolitic porosity and scattered light stain, free oil in wet sample.
Lime	3920	3945	Ran Halliburton drill stem test No. 3 and found hole bridged at 3150'. Conditioned hole to bottom. Ran tester and set packer at 3904', used 41' anchor, open 1 hour, pulled drill pipe and found testing tool plugged. Reconditioned hole to 3945' and reran drill stem test with packer set at 3904', used 41' anchor, open 1 hour, weak blow throughout test, recovered 80' of very slightly oil and gas cut mud, IFF-275, IFF-555, BHP-1020, in 20 minutes.
Lime and shale	3945	4165	TOP VIOLA LIME 4173'
Light gray, fine grained micaceous sand, slightly shaly and light	4165	4169	No shows
White opaque, tripolitic chert with trace of light buff dolomitic lime	4169	4203	Very poor porosity, no shows
			Ran Halliburton drill stem test No. 4, packer set at 4128', used 75' anchor, open 1 hour, fair blow of air throughout test, recovered 40' of drilling mud, IFF-0, IFF-0, BHP-30, in 20 minutes.

(See Reverse for Record of Formations)

Lime 4203 4214
 Feathered to white opaque
 to tripolitic chert,
 scattered fair porosity
 with scattered black tarry
 residue and light stain,
 trace of tan dolomitic
 limestone 4214 4254
 Lime 4254 4289 TOP SIMPSON SAND 4278'

Cored from 4289' to 4313' - Recovered 21'6"

- Top 6' 2" - Dark gray to green pyritic sandy waxy shale with few streaks of quartzitic sand, no shows.
- Next 7' 10" - Gray to green shale with fossiliferous streaks and pyritic and sandy streaks
- Next 3' 5" - Gray to green, fine grained, sub-rounded to medium grained sand with abundant phosphatic material, very shaly and light, slight odor.
- Next 2' 11" - Gray to dark green waxy shale, pyritic and sandy streaks
- Next 1' 2" - Gray to green sandy shale with abundant fossils and phosphatic materials

Ran Johnston drill stem test No. 5, using straddle packers, top packer set at 4214', bottom at 4254', used 59' anchor, open 1 hour, weak blow throughout test, recovered 15' drilling mud, IFP-15%, FFP-35%, BHP-60% in 20 minutes.

Lime 4313 4318 TOP ARBUCKLE LIME 4315'
 Light tan, finely sucrosic
 to dense dolomite to
 light gray and light
 buff, fine to medium
 crystalline dolomite 4318 4382

Fair to good vuggy porosity, no shows, slightly cherty.

Ran Halliburton drill stem test No. 6, packer set at 4319', used 63' anchor, open 1 hour, strong blow for 25 minutes then quit, recovered 2535' of salt water, IFP-1118%, FFP-1482%, BHP-1482%.

TOTAL DEPTH 4382'

Ran Halliburton Gamma Ray Neutron and Guard Log Surveys.

Set and cemented 5 1/2" OD, 14#, 8R thd., R-2, J-55, S.S. casing (A cond.) at 4008' with 100 sacks of common cement. Finished cementing at 8:30 a.m. 2/2/57. Halliburton Temperature Survey showed top of cement behind 5 1/2" casing at 3470'.

Rigged up cable tools, swabbed and bailed the hole dry to 3972' SLM on February 6, and 5 1/2" casing tested dry. Perforated 5 1/2" casing from 3908' to 3920' with 72 holes by Lane-wells; bailed and tested 3 hours, 5 gallons of water per hour. Treated through 5 1/2" casing with 100 gallons of Halliburton MCA acid and 500 gallons of Halliburton 15% acid as follows:

ACID TREATMENT NO. 1 - 3908' and 3920'

Treatment put in 2/7/57 by Halliburton, using 600 gallons of acid and 106 barrels of oil.

TIME	CP	IP	REMARKS
1:45 am			Start MCA acid
1:47 am			Start 15% acid
1:51 am			Start flush
2:07 am	550		MCA acid on bottom
2:55 am	1250		MCA acid in formation, 15% acid on bottom
3:50 am	1300		15% acid in formation

Swabbed through 5 1/2" casing 3 hours, 106 barrels of oil used in treating and 14 1/2 barrels of acid water. Then swabbed 4 hours, 24 barrels of water and no oil.

Set Baker bridging plug at 3886', swabbed the hole dry and 5 1/2" casing tested dry. Plugged back from 3886' to 3881' SLM with 5 gallons of Cal-Seal. Perforated 5 1/2" casing from 3862' to 3869' with 42 holes by Lane-wells; bailed and tested 2 hours, 20 gallons of formation oil and 28 gallons of water. Treated through 5 1/2" casing with 100 gallons of Halliburton MCA acid and 500 gallons of Halliburton 15% acid as follows:

THE
 REC'D
 PLUGGING
 LINE
 2/11/57

ACID TREATMENT NO. 2 - Between 3862' and 3869'

Treatment put in 2/7/57 by Halliburton, using 600 gallons of acid and 118 1/2 barrels of oil.

TIME	OP	TP	REMARKS
7:30 pm			Start MCA acid
7:32 pm			Start 15% acid
7:36 pm			Start flush
7:51 pm	1250'		Acid on bottom
7:57 pm	1200'		600 gallons of acid in

Swabbed through 5 1/2" casing 8 1/2 hours, 112 barrels of oil used in treating and 201 barrels of water. On February 8, swabbed through 5 1/2" casing 8 hours, 160 barrels of water and no oil.

Since all probable zones of oil or gas production in this well had been tested, encountering no commercial production, regular authority was granted to plug and abandon the well.

On February 21, moved in and rigged up machine and plugged the well as follows:

Sand	3861' to 3850'
5 sacks of cement	3850' to 3810'

Shot off 5 1/2" casing at 3454' and pulled 109 joints, 3485', of 5 1/2" OD, 14#, 8R thd., R-2, J-55, E.S. casing (B cond.).

Mud laden fluid	3810' to 347'
100 sacks of cement	347' to 6'
Surface soil	6' to 0'

Plugged and abandoned February 25, 1957.

SLOPE TEST DATA: Tests were taken at 250', 550', 750', 1250', 1500', 1750', 2000', 2250', 2500', 2750', 3250', 3500', 4000' and 4250' with no deviation from vertical noted.

PLUGGING
 FILE SEC 28 T 25 R 14w
 BOOK PAGE 139 LINE 27