

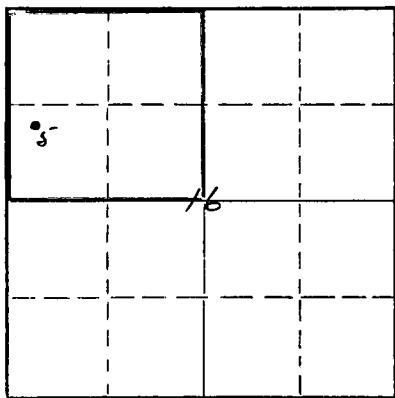
WELL PLUGGING RECORD

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

Rooks County. Sec. 16 Twp. 10S Rge. (E) 18 (W)

Location as "NE/CNW&SW&" or footage from lines NW/4 SW/4 NE/4
Lease Owner Skelly Oil Company
Lease Name E. C. Ordway Well No. 5
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed May 5, 19 58
Application for plugging filed May 5, 19 58
Application for plugging approved May 8, 19 58
Plugging commenced May 5, 19 58
Plugging completed May 5, 19 58
Reason for abandonment of well or producing formation Dry Hole

NORTH



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. Eldon Petty
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3785 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	3744'	3785'	8-5/8"	272'0"	None

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.

25 sacks of cement 3785' to 3690'
Mud laden fluid 3690' to 500'
20 sacks of cement 500' to 420'
Mud laden fluid 420' to 240'
20 sacks of cement 240' to 180'
Mud laden fluid 180' to 40'
10 sacks of cement 40' to 6'
Surface soil 6' to 0'

5-24-58

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Claude Wentworth Drilling Co., Inc.
Address 2701 East 15th, Tulsa, Oklahoma

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

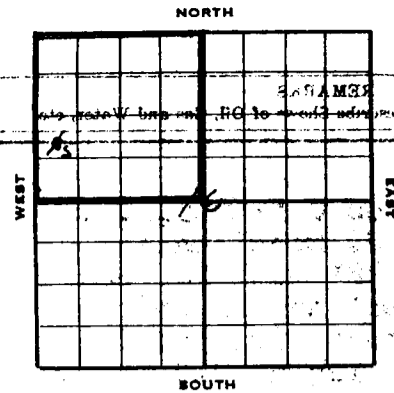
(Signature) _____
Box 391, Hutchinson, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 23rd day of May, 19 58

My commission expires April 7, 1959
Josephine L. Johnson Notary Public.

INDEXING
FILED 16 T 10 R 18W
BOOK 98 LINE 37

SKEELLY OIL COMPANY



Well Record
2163' DE
2161' CE

Lease Name and No. **E. C. Ordway** Well No. **5** Elev. **2163' DE**
 Lease Description **NW/4 Section 16-103-18W, Rocks County, Kansas (160 Acres)**
 Location made **April 14, 1958** by **P. J. Cussen**
 feet from North line **990** feet from East line **NW/4**
 feet from South line **330** feet from West line of **Sec. 16**

Work com'd. **4/20** 19 **58** Rig com'd. **4/21** 19 **58** Drlg. com'd. **4/21** 19 **58** Drlg. comp'd. **5/5** 19 **58**
 Rig Contractor **Claude Wentworth Drilling Company**
 Drilling Contractor **Claude Wentworth Drilling Company, Tulsa, Oklahoma**
 Rotary Drilling from **0'** to **3785'** Cable Tool Drilling from _____ 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 (_____ Size) Gas Pressure _____ Volume _____ Cu. ft.
 Braden Head (_____ Size) Gas Pressure _____ Volume _____ Cu. ft.

PRODUCING FORMATION **DRY HOLE** Top _____ Bottom _____ TOTAL DEPTH **3785'**
 (Name)

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
6-5/8	22.75	1	278'				7	272	0	Armo S & A	A	200	Halliburton

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	
	Gals. Qts.	Ft.	Gals. Qts.	Ft.	Gals. Qts.	Ft.	Gals. Qts.	Ft.
Shot Between	Ft. and	Ft.	Ft. and	Ft.	Ft. and	Ft.	Ft. and	Ft.
Size of Shell								
Put in by (Co.)								
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 Lm	3146'						RECEIVED MAY 24 1958 INVESTIGATION DIVISION
Heebner Shale	3364'						
Toronto Lm	3380'						
Lansing Lm	3406'						
Conglomerate	3652'						
Simpson Shale	3700'						
Simpson Dol.	3712'						
Arbuckle Lm	3744'						

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 Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Surface soil, sand and rock Sand and shale	0 90	90 278	Set and cemented 8-5/8" OS, 22.7#, Arco S.W., S.J. steel casing (A cond.) at 278' with 200 sacks of common cement and 2% calcium chloride. Cement circulated. Finished cementing at 7:00 a.m. 4/22/58.
Shale and shales Shale Shale and lime Shale, salt and lime Lime and shale	278 670 1355 1780 2185	670 1355 1780 2185 3227	TOP ANNEVILLE 1550' TOP WASHINGTON 1780' TOP LAMCO LINE 2185' TOP TOPEKA LINE 3146'
Medium crystalline cream lime	3227	3250	Poor inter-crystalline porosity, trace of light stain
Lime White crystalline lime Lime and shale Very sandy, white lime	3250 3252 3271 3274	3252 3271 3274 3288	Dense with poor vuggy porosity Inter-crystalline porosity with thin stringers of limy sand, light stain.
Lime White sandy lime Lime Tan lime, very sandy Lime	3288 3290 3305 3308 3318	3290 3305 3308 3318 3320	Poor porosity, no shows Very light stain Ran Halliburton drill stem test No. 1, packer set at 3212', used 108' anchor, open 1 hour, weak blow, recovered 70' of muddy salt water, no oil, IFF-O ₂ , FFP-32', BHP-1020' in 20 minutes.
Lime Tan, medium crystalline lime	3320 3379	3379 3387	TOP HEEBNER SHALE 3364' Good to fair saturation, light oil stain, good vugular inter-crystalline porosity.
Lime	3387	3400	TOP TORONTO LINE 3380' Ran Halliburton drill stem test No. 2, packer set at 3373', used 27' anchor, open 1 hour, weak blow for 30 minutes, recovered 30' of water cut mud, no oil, IFF-O ₂ , FFP-O ₂ , BHP-855' in 20 minutes.
Lime White, fine crystalline lime	3400 3454	3454 3464	TOP LANSING LINE 3406' Poor porosity, poor saturation, light oil stain
Lime White, fine crystalline lime Lime Green, fine crystalline lime	3464 3467 3470 3474	3467 3474 3474 3478	Poor porosity and saturation, some scattered spotted stain Ran Halliburton drill stem test No. 3, packer set at 3454', used 26' anchor, open 1 hour, weak blow for 1 hour, recovered 18' mud, IFF-O ₂ , FFP-O ₂ , BHP-O ₂ .
Lime Light tan lime, slightly oolitic, medium crystal- lime	3478 3480 3487	3480 3487 3494	Poor vugular porosity and poor inter-angular porosity, scattered spotted stain.
Lime Light tan lime, slightly oolitic, medium crystal- lime Lime	3494 3496 3518	3496 3510 3520	Ran Halliburton drill stem test No. 4, packer set at 3485', used 35' anchor, open 1 hour, weak blow, recovered 45' mud, no oil, IFF-15', FFP-90', BHP-495' in 20 minutes.
Lime and shale Buff, finely crystalline lime, slightly vuggy	3520 3568	3568 3576	Poor to fair porosity, fair to dark brown stain, very slight trace of oil.
Lime Light tan to gray lime, finely crystalline	3576 3595	3595 3602	Dense to poor inter-granular porosity, very poor light spotted stain.
Lime	3602	3605	Ran Halliburton drill stem

			No. 5, packer set at 3561', used 44' anchor, open 1 hour, weak blow for 35 mins., recovered 30' of mud, no oil, IFF-15#, FFP-15#, LHP-70# in 20 mins.
Lime and shale	3605	3716	<u>EASE KANSAS CITY LIME 3636'</u> <u>TOP CONGLOMERATE 3652'</u> <u>TOP SIMPSON SHALE 3700'</u> <u>TOP SIMPSON DOLOMITE 3712'</u>
Medium sub-rounded sand, slightly dolomitic	3716	3722	Fair porosity, fair light dead stain
Light brown dolomite, slightly vuggy	3722	3725	Fair to poor porosity, fair to light spotted stain
Dolomite	3725	3730	Ran Halliburton drill stem test No. 6, packer set at 3715', used 15' anchor, packer would not hold. Pulled and reran packer. Set packer at 3718', used 12' anchor, open 1 hour, weak blow for 8 minutes, recovered 10' of mud, no oil, all pressures 0'.
Dolomite	3730	3738'	<u>TOP ARBUCKLE LIME 3744'</u>
Buff to tan, medium crystalline sucrosic lime	3738	3785	Poor porosity, very faint dead oil stain. Ran Welox Guard Log from 3785' to 0'

TOTAL DEPTH 3785'

Since no commercial oil or gas production was encountered in drilling to the total depth of 3785', regular authority was granted to plug and abandon the well.

The well was plugged as follows:

25 sacks of cement	3785'	to	3690'
Mud laden fluid	3690'	to	500'
20 sacks of cement	500'	to	420'
Mud laden fluid	420'	to	240'
20 sacks of cement	240'	to	180'
Heavy mud laden fluid	180'	to	40'
10 sacks of cement	40'	to	6'
Surface soil	6'	to	0'

Plugged and abandoned May 5, 1958.