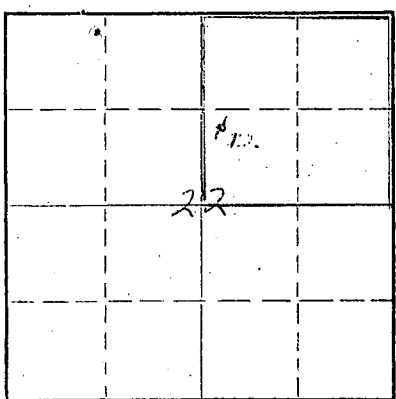


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Rush County. Sec. 22 Twp. 19S Rge. (E) 16 (W)

Location as "NE/CNW/SW" or footage from lines NW/4 SW/4 NE/4
Lease Owner Skelly Oil Company
Lease Name Carl Tammen Well No. 1
Office Address Box 1650, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed June 12, 19 59
Application for plugging filed June 12, 19 59
Application for plugging approved June 15, 19 59
Plugging commenced June 12, 19 59
Plugging completed June 12, 19 59
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?

Name of Conservation Agent who supervised plugging of this well Mr. Eldon Petty
Producing formation Depth to top Bottom Total Depth of Well 3805 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Arbuckle Lime	Dry	3686'	3805'	8-5/8"	1075'	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.

Heavy mud 3805' to 450'
150 sacks Pozmix cement 450' to 6'
Surface soil 6' to 0'

RECEIVED
STATE CORPORATION COMMISSION
JUL 6 1959
7-6-59
CONSERVATION DIVISION
Wichita, Kansas

RECEIVED
STATE CORPORATION COMMISSION
JUN 24 1959
6-24-59
CONSERVATION DIVISION
Wichita, Kansas

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

STATE OF Kansas, COUNTY OF Reno, ss.
H. E. Wamsley (employee of owner) 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) [Signature]
Box 391, Hutchinson, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 23rd day of June, 1959

My commission expires April 7, 1959

[Signature] Notary Public.

PLUGG G
FILE SEC 22 T 19 R 164
BOOK PAGE 44 LINE 36

SKELLY OIL COMPANY

Well Record

Lease Name and No. Carl Brown Well No. 1 Elev. 19

Lease Description 1/4 Section 22-19-101, Rich

County, Kansas (160 Acres)

Location made May 27, 19 59 by L. V. Harrod

1052 feet from North line feet from East line 1074

feet from South line 330 feet from West line of Sec. 22

Work com'd 5/27 19 59 Rig com'd 5/25 19 59 Drig com'd 5/24 19 59 Drig com'd 6/12

Rig Contractor Claude Ventworth Drig. Co., Inc.

Drilling Contractor Claude Ventworth Drig. Co., Inc., Tulsa, Oklahoma

Rotary Drilling from 000 to 3605 Cable Tool Drilling from _____ to _____

Commenced Producing ENTRALS 19 59 Initial Prod. before shot or acid _____

Initial Prod. after shot or acid _____

Dry Gas Well Press _____ Volume _____

Casing Head Gas Pressure _____ Volume _____

Braden Head (_____ Size _____) Gas Pressure _____ Volume _____

Braden Head (_____ Size _____) Gas Pressure _____ Volume _____

PRODUCING FORMATION ENTRALS Top _____ Bottom _____ TOTAL DEPTH 380

CASING RECORD

Size	Wt	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks Used	Method Employed
<u>3-5/8</u>	<u>22</u>	<u>50</u>	<u>1000</u>				<u>31</u>	<u>1074</u>	<u>0</u>	<u>Armed</u>	<u>A</u>	<u>500</u>	<u>Ballin.</u>
<u>(3-5/8)</u>	<u> casing</u>	<u>500</u>	<u>at ground level</u>										

STATE CORPORATION DIVISION
 JUN 24 1959
 CONCORDIA, MO
 KANSAS

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				
Acid Used Size Shot				
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 Casing				
Damage to Casing or Casing Shoulder				

SIGNIFICANT GEOLOGICAL FORMATIONS

NAME	Top	Bottom	GAS		OIL		REMARKS
			From	To	From	To	
<u>Topata Line</u>	<u>3055</u>						
<u>Hebner Shale</u>	<u>3312</u>						
<u>Toronto Line</u>	<u>3370</u>						
<u>Loring Line</u>	<u>3504</u>						
<u>Conchocentral</u>	<u>3634</u>						
<u>Artucilla Line</u>	<u>3656</u>						

CLEANING OUT RECORDS

	DATE COMMENCED	DATE COMPLETED	PROD. BEFORE	PROD. AFTER	REMARKS
1st					See Reverse for other
2nd					" " " "
3rd					" " " "
4th					" " " "

PLUGGING BACK AND DEEPENING RECORDS

	Date Commenced	Date Completed	No. Feet Plugged Back or Deepened	Prod. Before	Prod. After	REMARKS

FORMATION	TOP	BOTTOM	REMARKS
	Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.		
Surface soil and clay	0	10	
Shale	10	110	
Sand	110	500	
Sand and red bed	500	860	
Red bed and shells	860	1055	TOP ANHYDRITE 1055'
Anhydrite	1055	1065	Set and cemented 8-5/8" OD, 22.7, Araco S.S., S.J. steel casing (1" cond.) at 1065' with 500 sacks of Fossin cement. Cement circulated. Finished at 9:00 am 5/30/59.
Anhydrite	1065	1075	BASE ANHYDRITE 1075'
Shale	1075	1400	
Shale and shells	1400	1775	TOP WILLINGTON 1470'
Shale and lime	1775	3400	BASE WILLINGTON 1910'
			TOP IVA 2410'
			TOP TANKIO 2780'
			TOP TOLEDO 3055'
			TOP BELLEVILLE SHALE 3011'
			TOP TORONTO LIME 3330'
			TOP DOUGLAS SAND 3411'
			TOP LINDSEY LIME 3401'
			TOP KANGAROO CITY 3424'
Line	3400	3677	
Conglomerate sand and chert with abundant gilsonite, no free oil	3677	3679	TOP CONGLOMERATE 3669'
			Run Halliburton drill stem test No. 1, packer set at 3663', used 16" anchor, open 1 hour, seal blow for 4 mins., recovered 5" drilling mud, IFF-25, in 20 mins., IFF-12, FFF-12, in 20 mins.
Chert	3679	3680	
Light gray to buff, finely crystalline dolomite, sherty and oolitic, scattered light stain, dead oil and trace free oil in test sample, poor porosity	3680	3703	TOP DOLomite LINE 3686'
			Run Halliburton drill stem test No. 2, packer set at 3680', used 21" anchor, open 1 hour, strong blow throughout test, recovered 30" drilling mud, IFF-58, in 20 mins., IFF-12, FFF-25, FFF-655, in 20 mins.
Line	3703	3704	
Buff to tan medium crystalline sacrolic dolomite with scattered inter-crystalline porosity, free oil in test fragments	3704	3709	
Dolomite	3709	3715	Run Halliburton drill stem test No. 3, packer set at 3703', used 18" anchor, open 1 hour, strong blow throughout test, gas to surface in 7 mins., too small to gauge, recovered 15" of drilling mud, IFF-1070, in 20 mins., IFF-29, FFF-25, FFF-770, in 20 mins.
Dolomite	3715	3725	
Cream to buff, fine crystalline dolomite, fair porosity with trace light stain	3725	3730	Run Halliburton drill stem test No. 4, packer set at 3715', used 12" anchor, open 1 hr., seal blow throughout test, recovered 20" of mud, IFF-75, in 20 mins., IFF-12, FFF-12, FFF-1021, in 20 mins.
Dolomite	3730	3731	
Buff dolomite to coarse	3731	3732	

Dolomite 3739 3750

Run Halliburton drill stem test No. 5, packer set at 3733', used 17' anchor, open 1 hour, weak blow throughout test, recovered 60' of heavy gas cut mud, 60' of oil and gas cut watery mud, IHP-920, IFF-23, IFF-75, FBHP-158 in 20 mins

Run Meter Survey.

Green, coarsely crystalline rhombic crystalline dolomite, scattered light stains

3750 3754

Dolomite

3754 3770

White coarsely crystalline dolomite, no shows

3770 3774

Run Halliburton drill stem test No. 6, packer set at 3750', used 24' anchor, open 1 hour, fair blow throughout test, recovered 10' slightly oil spec mud and 120' muddy salt water IHP-1090 in 20 mins., IFF-3, IFF-905, FBHP-565 in 20 mins

White and brown coarsely crystalline dolomite with streaks of good inter-crystalline porosity

3774 3798

Green to buff, fine to medium crystalline dolomite with sand grains

3798 3805

TOTAL DEPTH 3805'

Total depth reached: 6/12/59

Since no commercial quantity of either oil or gas was encountered in drilling to the total depth of 3805', regular authority was granted to plug and abandon the well. Plugged the well as follows:

Heavy mud	3805' to 450'
150 sacks Pozmix cement	450' to 6'
Surface soil	6' to 0'

Plugged and abandoned June 12, 1959.

SLOPE TEST DATA

<u>DEPTH</u>	<u>ANGLE OF DEFLECTION</u>
250'	0 Degrees
500'	3/4
750'	1/2
1250'	3/4
1500'	1/2
1775'	1/2
2000'	1/2
2500'	3/4
2750'	3/4
3200'	1/2