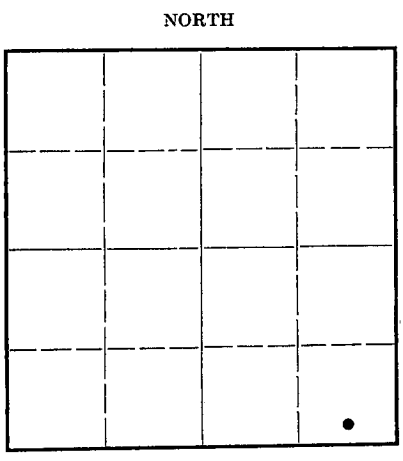


STATE OF KANSAS
STATE CORPORATION COMMISSION
Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bitting Building
Wichita, Kansas

OR
FORMATION PLUGGING RECORD

Russell County. Sec. 23 Twp. 13S Rge. 15W (E) (W)
Location as "NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines. 6 SL SE SE
Lease Owner Alkey Oil Company
Lease Name Olson Well No. 1
Office Address 929 Kennedy Building - Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Oil well
Date well completed December 5 19 45
Application for plugging filed 19
Application for plugging approved 19
Plugging commenced February 27 19 47
Plugging completed February 27 19 47
Reason for abandonment of well or producing formation Production exhausted
If a producing well is abandoned, date of last production March 31 19 46
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes



Locate well correctly on above Section Plat

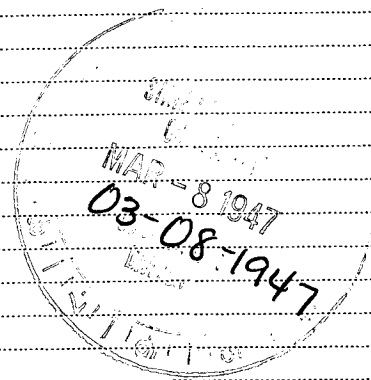
Name of Conservation Agent who supervised plugging of this well H. W. Kerr
Producing formation Kansas City Lime Depth to top 3046' Bottom 3272' Total Depth of Well 3336' Feet
P.B. 3314'

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
Topeka Lime	Show of Oil	2778'	3014'	10 3/4"	498'	None
Dodge Lime	Oil Stains	3025'	3040'	7"	3331'	2495'
Kansas City Lime	Oil	3250'	3256'			
	Oil	3266'	3272'			
Arbuckle Lime	Oil & Water	3321'	3336'			

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 hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

- 3336' TD
- 3314 PB Depth w/cement
- 3314 - 3100 Rock
- 3100 - 3075 Cement
- 3075 - 490 Mud
- 490 - 460 Cement
- 460 - Top of Hole Mud, 10 sacks of cement on top



(If additional description is necessary, use BACK of this sheet)

Correspondence regarding this well should be addressed to ALKAY OIL COMPANY
Address 929 Kennedy Building - Tulsa, Oklahoma

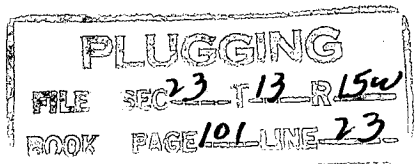
STATE OF OKLAHOMA, COUNTY OF TULSA, ss.
Frank O. Bennett (employee of owner) or (owner or operator) of the above-described well,

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) *Frank O. Bennett*
929 Kennedy Building - Tulsa, Oklahoma
(Address)

SUBSCRIBED AND SWORN to before me this 7th day of March 19 47
W. H. Smith
Notary Public.

My commission expires Dec 13, 1947



ALKAY OIL COMPANY
929 Kennedy Bldg.
Tulsa, Oklahoma

WELL LOG: Olson No. 1, C SL SE SE - Sec. 23-13S-15W, Russell County, Kansas.

FROM	TO	REMARKS:
0	40	Clay
40	200	Shale & Shells
200	515	Lime - Sand & Shells
515	533	Lime & Shale
533	630	Sand & Shale
630	931	Red Rock, Shale & Shells
931	964	Anhydrite
964	1345	Lime & Shale
1345	1560	Salt
1560	1750	Shale & Shells
1750	1910	Lime & Shale
1910	2100	Lime
2100	2255	Lime - Sand & Shale
2255	2605	Lime & Shale
2605	2705	Lime
2705	2778	Lime & Shale
	Topeka @ 2778'	
2778	2817	Lime, grey
2817	2821	Lime, soft. Dark, heavy saturation
2821	2966	Lime & Shale
2966	2968	Lime, soft. Spotted saturation
2968	2971	Lime, hard
2971	2976	Lime. Fair saturation, spotted. Tight.
2976	2979	Lime, hard
2979	2987	Lime, soft. Dark saturation. Spotted porosity.
2987	3014	Lime
3014	3025	Broken Lime & Shale
	Dodge @ 3025'	
3025	3040	Lime, white. Oil stains
3040	3046	Red Rock & Shale
	Kansas City 3046'	
3046	3093	Lime
3093	3096	Lime, white, oolitic, soft. Slight saturation and porosity
3096	3106	Lime
3106	3112	Lime, white, oolitic. Saturation & fair porosity
3112	3150	Lime, Red Rock, & Shale
3150	3159	Lime. Slight saturation, porosity. Water
3159	3163	Lime
3163	3171	Lime, white, soft. Good porosity. Water
3171	3227	Lime & Shale
3227	3234	Lime. Light saturation. Slight porosity
3234	3238	Lime
3238	3241	Lime. Spotted saturation. Water
3241	3250	Lime
3250	3256	Lime. Saturation. Poor porosity
3256	3266	Lime
3266	3272	Lime. Spotted saturation
3272	3321	Lime & Shale
	Arbuckle @ 3321'	
3321	3336	Dolomite Saturation
	3336	Total Depth SLM 3340 - 3336'
	3314	Tested 3 barrels of water and 5 gallons oil. Plugged Back

03-08-1947

Perforated 3267-3278 w/19 holes
Perforated 3249-3252 w/ 3 holes

COMMENCED: 9-17-45
Completed: 10-1-45
I. P.: 29 barrels - 57% water
Effective 12-5-45

CASING RECORD
10 3/4" 498' Cemented
7" 3329' Cemented

PLUGGING
FILE # 23 13 15a
BOOK # 12.1 23