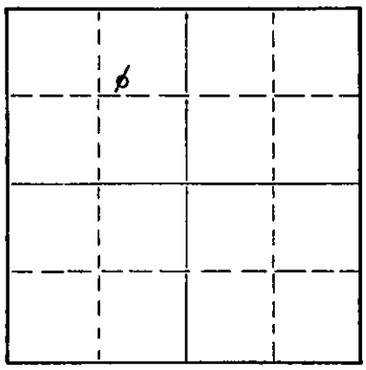
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

15-051-19476-00-00

WELL PLUGGING RECORD

NORTH



Locate well correctly on above Section Plat

Ellis County. Sec. 25 Twp. 14S Rge. 17W (E) (W)
Location as "NE/CNW¼SW¼" or footage from lines SW NE NW
Lease Owner T. O. Lilystrand Jr.
Lease Name Ruder Well No. 1
Office Address 1018 First National Building, Tulsa, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed May 4, 1955 19
Application for plugging filed May 4, 1955 (verbal) 19
Application for plugging approved May 4, 1955 19
Plugging commenced May 4, 1955 19
Plugging completed May 5, 1955 19
Reason for abandonment of well or producing formation dry hole

If a producing well is abandoned, date of last production none 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 Eldon Petty
Producing formation none Depth to top ____ Bottom ____ Total Depth of Well 3515 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
				8-5/8"	255'	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.

Filled hole with heavy mud.
Pumped cementing plug to 250 feet
followed with 80 sacks of cement.
Hole filled with cement from 250
feet to 0.

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Stickel Drilling Company & Halliburton Oil Well Cementing Co.
Address Bitting Bldg., Wichita, Kansas

STATE OF Oklahoma, COUNTY OF Tulsa, ss.
T. O. Lilystrand, Jr. (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) T. O. Lilystrand Jr.
1018 First Natl Bldg, Tulsa
(Address)

SUBSCRIBED AND SWORN TO before me this 13th day of July, 1955

Virginia C. Anderson
Notary Public.

My commission expires My Commission Expires January 12, 1958.

PLUGGING
FILE SEC 25 T 14 R 17W
BOOK PAGE 117 LINE 25

RECEIVED
STATE CORPORATION COMMISSION
JUL 14 1955
CONSERVATION DIVISION
Wichita, Kansas
07-14-1955

5-44M

15-051-19476-00-00

T.O. Lilystrand Jr. A Limited Partnership
Tulsa, Oklahoma

Tulsa, Oklahoma
May 11, 1955

CONTRACTOR: Stickle Drilling Company
Drilling Commenced: April 25, 1955
Drilling Completed: May 4, 1955

Ruder #1, Ellis County, Kansas.
SW NE NW Sec. 25-14S-17W.

DRILLERS LOG

Clay Sand Shale & Shells	0-257
Shale & Shells	257-515
Dakota Sand	515-730
Red Bed - Shale	730-970
Shale & Shells	970-1050
Lime & Shale	1050-1150
Red Bed, Shale & Shells	1150-1300
Salt, Shale & Shells	1300-1675
Lime & Shale	1675-1865
Shale & Shells	1865-2000
Lime & Shale	2000-2145
Shale With Lime Streaks	2145-2160
Lime Shale	2160-2300
Shale & Shells	2300-2385
Shale & Lime	2385-3000
Lime & Shale	3000-3305
Lime	3305-3409
Lime & Conglomerate	3409-3459
Conglomerate	3459-3484
Lime	3484-3515 TD

RECEIVED
STATE CORPORATION COMMISSION
JUN 4 - 1955
CONSERVATION DIVISION
Wichita, Kansas
06-04-1955

I, Frank E. Stickle, hereby certify the above to be a true and complete Drillers Log of T. O. Lilystrand Jr. A Limited Partnership Ruder #1, Ellis County, Kansas.

Frank E. Stickle

Lillian T. Bonham
Notary Public

February 13, 1956
My Commission Expires

PLUGGING
FILE SEC 25 T 14 R 17W
BOOK PAGE 12 LINE 25

JIM B. McWILLIAMS

15-051-19476-00-00

CHARLES W. STEINCAMP

McWilliams & Steincamp

PETROLEUM GEOLOGISTS
McBRIDE BUILDING
Great Bend, Kansas

May 5, 1955

T. O. Lilystrand, Jr.
(A. Limited Partnership)
#1 Bader
SW NE NW
Section 25-14S-17W
Ellis County, Kansas

Elevation: 1953' KB

8-5/8" surface casing set and cemented at 255' with 200 sacks cement and 3 sacks calcium chloride.

Top Heebner 3163' (-1210')

Top Toronto 3182' (-1229')

Top Lansing 3211' (-1258')

3236-41 Limestone white, fine crystalline, trace poor vugular porosity, no saturation, no odor.

3273-75 Limestone white, fine crystalline, poor vugular porosity, trace spotted stain, no free oil, no odor.

3281-85 Limestone same as above.

3292-96 Limestone same.

3309-13 Limestone white, fine crystalline, poor porosity, trace spotted stain.

Top Conglomerate 3439' (-1486')

Top Arbuckle 3476' (-1523')

3476-84 Dolomite cream and white, fine crystalline, poor inter-crystalline porosity, spotted saturation, slight show of free oil.

DRILL STEM TEST #1

Packer set at 3479'. Total depth 3484'. Tool open 20 minutes. Weak blow for 2 minutes. Recovered 8' mud. SIP 0# in 15 minutes.

3484-3515 Dolomite cream and white, shaley and cherty, fine crystalline, poor inter-crystalline porosity, spotted stain, slight show of free oil.

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Rotary Total Depth 3515'.

D. & A.

Note: The well was structurally low on the Arbuckle, the interpretation of the Halliburton Guard Log did not justify further testing in the Arbuckle; therefore the well was plugged and abandoned.

Electric Log tops:

Heebner	3160'
Toronto	3178'
Lansing	3209'
Conglomerate	3436'
Arbuckle	3473'

Rotary Total Depth 3513'.

McWILLIAMS & STEINCAMP

CHARLES W. STEINCAMP

CWS: mk

15-051-19476-00-00

TIME LOG

T. O. Lilyestrand, Jr.
#1 Ruder
SW NE SW
Section 25-12s-17w
Ellis County, Kansas

From	To	Minutes	Remarks
2800	2810	1-2-2-2/3-3-2-2-3	Conn.-pump screen 4 min. @ 2806
2810	2820	3-3-1-3-2/2-2-2-2-2	
2820	2830	3-2-2-2-2/1-1-1-2-2	
2830	2840	2-4-3-2-3/3-2-2-2-1	Rig.-ck.-Conn. 6 min. @ 2837
2840	2850	1-2-1-2-1/1-2-1-2-2	
2850	2860	1-1-1-1-1/1-2-3-4-2	
2860	2870	2-1-2-2-1/2-1-1-1-1	Conn. 4 min. @ 2868
2870	2880	1-2-1-1-1/2-2-1-1-2	
2880	2890	1-2-1-1-1/1-2-2-2-2	
2890	2900	2-2-1-1-1/1-2-2-2-2	Conn. 4 min. @ 2898
2900	2910	2-1-2-1-2/2-2-2-2-2	
2910	2920	2-2-2-2-2/2-2-3-2-2	
2920	2930	3-3-3-3-3/3-4-3-3-3	
2930	2940	3-3-2-2-2/2-2-1-2-1	Conn. 4 min. @ 2930
2940	2950	2-2-2-2-2/2-2-2-2-4	
2950	2960	4-4-4-2-2/4-3-3-3-4	Conn. 4 min. @ 2960
2960	2970	4-2-3-3-2/3-2-3-2-3	
2970	2980	4-4-4-4-5/5-5-4-4-3	
2980	2990	4-4-3-3-6/5-5-5-4-5	
2990	3000	5-5-6-5-5/5-6-6-5-6	Conn. 4 min. @ 2992
3000	3010	7-7-6-5-4/4-4-3-5-4	
3010	3020	4-5-4-3-3/2-3-2-3-4	
3020	3030	4-4-3-2-4/7-7-4-4-4	Sy2e-Conn.-Ck. rig 18 min. @ 3023
3030	3040	6-4-5-5-4/3-3-5-6-6	
3040	3050	7-6-6-6-6/5-8-6-6-7	
3050	3060	7-7-8-4-4/6-8-8-5-7	Conn. 5 min. @ 3053
3060	3070	8-8-7-10-9/9-11-11-9-7	
3070	3080	6-6-7-4-3/4-6-6-6-5	Trip-jet 2:23 @ 3073
3080	3090	5-7-6-5-3/3-6-7-5-5	Conn.-swivel 6 min. @ 3083
3090	3100	5-6-8-7-6/4-5-4-4-4	Start oil 6 min. @ 3098
3100	3110	4-5-5-5-7/6-9-9-8-7	
3110	3120	7-8-9-5-7/4-3-6-8-9	Conn. 5 min. @ 3114
3120	3130	9-6-5-6-6/6-8-9-8-6	
3130	3140	6-5-4-5-4/5-7-6-5-8	
3140	3150	6-6-7-6-9/9-9-9-9-9	Conn.-rig 7 min. @ 3146
3150	3160	9-8-7-8-9/8-8-9-9-10	
3160	3170	10-9-9-10-4/4-8-8-10-10	
3170	3180	10-10-5-5-6/8-5-5-5-8	Conn. 5 min. @ 3176
3180	3190	6-4-4-5-7/8-10-11-9-11	
3190	3200	8-10-10-10-11/11-6-5-5-7	
3200	3210	5-8-5-6-4/3-5-3-4-3	Conn.-ck. rig 12 min. @ 3207
3210	3220	4-4-9-9-9/9-12-11-13-11	Pump 10 min. @ 3211
3220	3230	13-7-9-9-9/11-6-9-7-13	Working on pump 33 min. @ 3221
3230	3240	8-5-5-6-6/8-9-3-3-5	Conn. 5 min. @ 3237
3240	3250	7-7-10-10-9/12-15-5-5-5	Trip-rig 2:08 @ 3246
3250	3260	6-6-5-5-6/5-5-6-6-5	Pump 9 min. @ 3255
3260	3270	5-6-5-5-5/5-5-6-5-6	Conn.-swivel 5 min. @ 3267
3270	3280	5-5-5-6-5/3-6-6-5-6	
3280	3290	3-8-4-7-8/8-7-7-8-9	
3290	3300	9-9-8-10-8-7/7-7-9-10-9	Conn.-drilling line 14 min. @ 3299
3300	3310	9-8-8-6-7/9-9-10-9-8	
3310	3320	7-7-7-7-9/7-7-8-7-7	Ck. rig 5 min. @ 3311; Pump 9 min.@ 3314
3320	3330	9-7-9-9-8/8-9-8-8-9	
3330	3340	7-8-7-8-8/6-7-6-8-7	Conn. 6 min. @ 3330
3340	3350	5-3-6-5-5/6-7-7-9-7	

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3350	3360	7-8-8-8-8/9-8-8-10-11	
3360	3370	10-7-8-9-9/8-8-8-8-15	Conn. 6 min. @ 3360
3370	3380	11-9-10-11-13/13-13-10-11-11	Ck. rig 5 min. @ 3370
3380	3390	9-7-7-7-8/10-10-6-8-9	
3390	3400	12-10-9-7-8/10-8-8-9-10	Conn. 5 min. @ 3392
3400	3410	10-9-5-5-11/8-9-9-8-9	
3410	3420	8-7-6-7-7/7-8-7-9-9	Trip-rig 12 min. @ 3410
3420	3430	8-8-7-7-8/9-9-10-10-7	Conn.-swivel 6 min. @ 3421
3430	3440	5-7-10-10-9/8-8-8-8-8	
3440	3450	5-5-6-4-5/5-6-7-6-6	
3450	3460	6-6-4-5-6/5-6-4-4-4	Conn. 5 min. @ 3452
3460	3470	4-5-5-4-3/2-2-3-3-2	Circ. 1:08@ 3463; Circ. 1:06 @3468
3470	3480	3-2-2-3-4/3-4-6-6-7	
3480	3490	6-5-5-6-6/6-6-5-6-5	Conn. 5min. @3484; BGT 8:13 @ 3484
3490	3500	5-6-5-8-10/6-7-9-7-6	Circ. 1:10 @3490; Circ. 1:05 @3494
3500	3510	11-9-8-6-9/8-8-9-7-7	
3510	3515	8-13-12-12-12/21	Conn.-swivel 6 min.@3514; Circ. @ 3515 Total Depth 3515'.