15-185-01545-0000

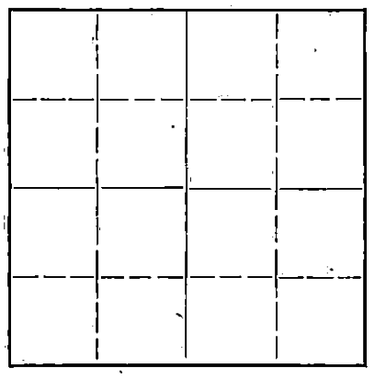
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD
OR
FORMATION PLUGGING RECORD

Strike out upper line when reporting plugging off formations.

NORTH



Locate well correctly on above Section Plat

Stafford County. Sec. 13 Twp. 25S Rge. 13 (E) W (W)

Location as "NE¼NW¼SW¼" or footage from lines 440'S & 440'W of center

Lease Owner Continental Oil Company

Lease Name H. N. Boland Well No. 1

Office Address P. O. Box 1267, Ponca City, Oklahoma

Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole

Date well completed June 9, 19 39

Application for plugging filed April 1, 19 43

Application for plugging approved April 5, 19 43

Plugging commenced June 3, 19 43

Plugging completed June 4, 19 43

Reason for abandonment of well or producing formation Dry Hole

If a producing well is abandoned, date of last production No 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. C. T. Alexander, Great Bend, Kansas

Producing formation Lime Depth to top 4165' Bottom 4690' Total Depth of Well 4690' 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
				10-3/4"	454'6"	None
				7" OD	4186'10"	1947'11"

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.

Dumped 10 sacks of cement on bottom of hole - then filled with heavy mud to 4166'; dumped 10 sacks of cement from 4166' to 4146' - filled with heavy mud to 454'- set wood plug and dumped 10 sacks of cement to 434'; filled with heavy mud to 408' and cemented within 2' of top; cut off surface casing 3' below ground level and welded on steel cap.

PLUGGING
FILE SEC. 13 25S 13W
BOOK PAGE 69 LINE 14

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

Correspondence regarding this well should be addressed to Mr. F. L. Dunn

Address R. F. D. #4, Lyons, Kansas

STATE OF Kansas, COUNTY OF Rice, ss.

F. L. Dunn (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) F. L. Dunn

R. F. D. #4, Lyons, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 17th day of June 19 43

Louis McGuire
Notary Public.

My commission expires October 21st, 1944

19-4174 6-42—6M

FLD-RDM
Corporation Commission
Cities Service Oil Company
LPC File

WELL LOG
H. N. Boland No. 1

Continental Oil Company
Drilling Started: 5/17/39
Drilling Completed: 6/9/39

440' South and 440' West of the center of Section 13, T25S, R13W, Stafford County, Kan.

0	10	Cellar	3330	3340	Lime
10	22	Surface clay	3340	3354	Lime (Med. Soft)
22	105	Sand	3354	3395	Hard lime
105	280	Red bed & shells	3395	3432	Lime dense
280	305	Sand	3432	3440	Lime
305	470	Blue shale	3440	3470	Broken lime & shale
470	540	Red bed	3470	3500	Shale
540	637	Shale & shells	3500	3552	Lime & shale
637	730	Red bed & shells	3552	3571	Shale & shells
730	753	Shale & shells	3571	3607	Lime & shale
755	1229	Shale & shells	3607	3615	Broken lime
1229	1381	Salt & shale	3615	3635	Broken lime, soft
1381	1580	Shale & salt	3635	3645	Dense lime
1580	1675	Shale & shells	3645	3651	Soft lime
1675	1850	Lime & gyp. rock	3651	3682	Hard lime
1850	1880	Shale & broken lime	3682	3690	Soft lime
1880	1990	Broken lime & shale	3690	3706	Dense lime
1990	2000	Sandy lime & shale	3706	3715	Soft lime
2000	2020	Sandy lime	3715	3720	Med. lime
2020	2042	Broken lime	3720	3735	Lime
2042	2095	Broken lime & shale	3735	3766	Broken lime & shale
2095	2105	Lime & shale	3766	3776	Broken lime
2105	2125	Sand	3776	3784	Soft lime
2125	2165	Broken lime	3784	3805	Broken lime
2165	2190	Lime & shale	3805	3809	Soft lime
2190	2205	Broken lime	3809	3812	Broken lime
2205	2225	Shale & lime	3818	3860	Hard lime
2225	2240	Broken lime	3860	3902	Broken lime
2240	2295	Broken lime & shale	3902	3904	Cherty lime
2295	2370	Broken lime	3904	3925	Cherty lime
2370	2438	Lime & shale	3925	3936	Shale & chert
2438	2480	Broken lime & shale	3936	3955	Cherty lime & shale
2480	2525	Shale & shells	3955	3980	Shale - cherty
2525	2639	Broken lime & shale	3980	3985	Cherty lime
2639	2710	Broken lime	3985	4025	Cherty lime & shale
2710	2720	Shale	4025	4031	Cherty sand & shale
2720	2765	Broken lime & shale	4031	4040	Cherty lime & shale
2765	2782	Shale & shells	4040	4047	Cherty lime & sand
2782	2800	Broken lime	4047	4080	Cherty lime & shale
2800	2840	Shale & shells	4080	4090	Hard cherty lime
2840	3055	Broken lime	4090	4104	Lime
3055	3070	Lime & shale	4104	4112	Lime & shale
3070	3080	Sand	4112	4133	Sand & shale
3080	3095	Dense lime	4135	4135	Shale & sand
3095	3166	Soft lime	4135	4160	Shale & sand
3166	3224	Hard broken lime	4160	4167	Shale
3224	3285	Dense lime broken	4167	4690	Lime
3285	3310	Lime			
3310	3330	Broken lime			

Total Depth from ground level 4689'

Elevation from derrick floor level 1913'

Run 454'6" of 10 3/4" OD 35# 8 thread lapweld casing; set at 447'; cemented with 400 sacks of cement.

Run 4186'10" of 7" OD 20# 8 thd. Grade "C" Smls. casing; run 7" OD 8 thd. DP thread form "Halcolite" male & female float collar and 7" OD 8 thread DP thd. form "Halcolite" guide shoe; set at 4166'; cemented with 300 sacks of cement.

Top Viola Lime 3965'
Top Simpson Sand 4110'
Top Arbuckle Lime 4165'
Above tops from derrick floor level

Cored from 4160' to 4170' with a 10' recovery of shale and lime - Good show of oil from 4166' to 4167'.

Cored from 4170' to 4175' with a 4' recovery of Arbuckle lime - From 4170' to 4173' good show of oil, fair porosity.

6-25-39 - Acidized the well with 1,000 gallons of Halliburton Oil Well Cementing Company acid; time one hour and 55 minutes. Acidized through the casing by the plug method. Maximum pressure 800# to 10 point vacuum. After acidizing, swabbed the well for five hours and unable to swab the water any lower than 1800'.

Finding this well to be dry it was drilled deeper for a salt water input well.

7-17-39 - At a depth of 4575' in lime, the well was given a water test and it took water at the rate of 225 barrels per hour. Then the hole was bridged at 4350', and the well was given a second water test. It took water at the rate of 180 barrels per hour.

Total Depth 4690' in lime - Bridged the hole from 4250' to 4220', and dumped two sacks of cement on top of the bridge. Set Baker Cement Retainer at 4144', cemented with 100 sacks of cement: 80 sacks went into the formation, left 5 sacks in the hole and circulated 15 sacks.

Drilled out cement - Tools hung up at 4206' - Gave the well a water test, and it would not take water from this depth.

8-12-39 - Shut down indefinitely