

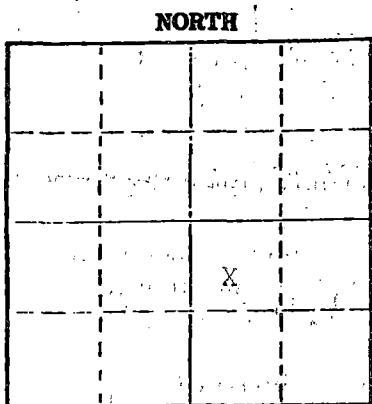
STATE OF KANSAS
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
P. O. BOX 17027
WICHITA, KANSAS 67217

FORM CP-4

WELL PLUGGING RECORD

Stafford County, Sec. 27 Twp. 21 Rge. 13 (E) (W)

Location as "NE/CNW&SW" or footage from lines C NW SE
Lease Owner Atlantic Richfield Company
Lease Name Ralph C. Gates Well No. 1
Office Address
Character of Well (completed as Oil, Gas or Dry Hole)
Date well completed 19
Application for plugging filed 4-73 19
Application for plugging approved 4-73 19
Plugging commenced 5-23-78 19
Plugging completed 12-4-74 19
Reason for abandonment of well or producing formation



Locate well correctly on above Section Plot

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 Russell Ribenstein
Producing formation Depth to top Bottom Total Depth of Well 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
				24"	93"	?
				20"	165	?
				7"	3560	? 690
				8 5/8"	3349	540

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.

5-23-73 Plug off bottom. Dump sand to 3000', mix and dump 6 sacks cement.
12-4-74 Plug off top. Mix and pump 3-three sacks hulls thru tubing @ 276'. Pull 2 joints tubing and circulate 200 sacks cement plus 4 % Gel. to surface. (Allied Cementing Co.)

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

Name of Plugging Contractor Russ Casing Pulling, Inc.
Address

STATE OF KANSAS COUNTY OF Barton ss.
Arnold Boattenhammer (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) Arnold Boattenhammer

SUBSCRIBED AND SWORN TO before me this 13th day of January 1975 (Address)

My commission expires
STATE NOTARY PUBLIC
PHYLLIS C. LOCKWOOD
Barton County, Ks.
My Comm. Exp. 6-25-76

Phyllis C. Lockwood
Notary Public

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STATE CORPORATION COMMISSION

JAN 16 1975

CONSERVATION DIVISION
Wichita, Kansas

Corrected WELL RECORD

15.185.01351.0001

Block or Twp. Section 27 - 21S - 13W

Lease Ralph C. Gates
Lease No. Ks. 3818
County Stafford

Well No. 1
State Kansas

Location Center NW - SE
Elevation 1885 L&S Feet

Drilled { Contract Company Tools X
Contracted Depth
Completed Depth 3705'
Deepened to 3714'
Plugged back to 3707'

Feet Date { Started 1-12-33
Completed 5-14-33
Deepened 7-21-33
Cleaned Out

Name of Contractor Company Tools

Contract Price Per Foot Day Work

Well Estimated Cost Method of Drilling Cable Tools
Well Actual Cost

BEFORE SHOOTING

AFTER SHOOTING

Initial Production 240 Ebls. ~~Flowing~~
Settled Production on Pump

Initial Production
Settled Production Flowing on Pump

Baume Test Water With Oil %

Casing Record

Torpedo Record

SIZE	SET	PULLED
24" - 125#	93'10"	
20" - 90#	165'	
15 1/2" - 70#	744'	744'
12 1/8" - 50#	1325'	1325'
10" - 40#	2590'	2590'
8 1/2" - 32#	3349'	
7" - 24#	3560'	
5" - Liner	134'4"	(7" O.D.)
Bottom of liner at 3682'		

Date	Company	From	To	Feet	Size of Shell	Total Qts.
		Top	Bottom			

Sand	0	162
Shale, blue	162	191
Sand	191	240
Shale, blue	240-	245
Shale, red	245	250
Red rock	245 ⁷⁵⁰	365
Sand, brown	365	400
Red rock	400	495
Sand	495	515 Show of gas and H.F.W.
Red rock	515	580
Red rock ans sand	580	655
Red rock	655	686
Shale, red and gray	686	704
Red rock	704	712
Anhydrite, white	712	718
Clay, dark	718	722
Red rock, sandy	722	725
Lime	725	735
Shale, blue	735	740
Red rock	740	744
Shale, blue	744	753
Shale, pink	753	810
Red rock	810	840
Shale, blue	840	873
Red rock	873	925
Shale, pink	925	980
Red rock	980	1020
Shale, gray	1020	1078
Shale, pink	1078	1100
Shale, gray	1100	1215
Salt and gray shale	1215	1230
Salt and shells	1230	1240
Shale, gray	1240	1255
Salt and shale	1255	1353

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MAY 18 1973
CONSERVATION DIVISION
Wichita, Kansas

County Stafford
 Farm Ralph C. Gates
 Owner Atlantic

State Kansas
 Well No. 1

File KS. 3818
 Elevation 1885

PAGE " 2 "

Formation	TOP	Bottom	Remarks
Lime, gray, hard	1355	1360	
Salt and lime shells	1360	1425	
Lime, gray, hard	1495	1505	
Lime, broken	1505	1510	
Salt, lime shells, shale	1510	1587	
Lime, shelly	1537	1615	
Lime	1615	1625	
Shale	1625	1631	
Lime	1631	1640	
Lime and shale	1640	1666	
Lime	1666	1686	
Lime shells and shale	1686	1723	
Lime, gray	1723	1765	
Shale, broken	1765	1875	
Lime, broken	1775	1800	
Shale, broken	1800	1825	
Red rock	1825	1850	
Lime	1850	1875	
Lime, broken	1875	1885	
Lime, sandy	1885	1925	1 Bailer water.
Lime, broken	1925	1950	
Lime, sandy	1950	1980	5 Bailers water.
Red rock and gray shale	1980	2023	
Lime and shale	2023	2050	
Lime	2050	2054	
Shale and shells	2054	2085	
Red rock	2085	2100	
Shale and shells	2100	2120	
Red rock	2120	2135	
Shale, pink	2135	2195	
Sand, gray	2195	2213	2 1/2 Bailers water.
Red rock	2213	2238	
Shale and shells	2238	2260	
Lime	2260	2270	
Shale, blue	2270	2282	
Shale and broken lime	2282	2292	
Red rock	2292	2312	
Shale and shells	2312	2340	
Lime and shale	2340	2371	
Shale, blue	2371	2408	
Shale, gray	2408	2448	
Shells and blue shale	2448	2480	
Lime	2480	2485	2 Bailers water.
Red rock	2485	2510	
Shale, dark	2510	2540	
Shale, blue	2540	2560	
Red rock	2560	2590	
Shale, blue	2590	2620	
Lime	2620	2632	
Shale, dark	2632	2671	
Lime, dark	2671	2675	
Shale and shells	2675	2705	
Lime	2705	2709	
Shale, gray	2709	2755	
Lime	2755	2771	
Shells	2771	2785	
Lime	2785	2792	
Shale, blue	2792	2823	
Lime	2823	2835	
Shale and lime shells	2835	2840	
Shale, gray	2840	2847	
Lime	2847	2910	1 Bailer water at 2873'
Lime	2910	3005	Water at 2950'
Lime, sandy	3005	3010	
Lime	3010	3048	
Lime, sandy	3048	3060	H.F.W.
Lime	3060	3084	
Lime and shale	3084	3094	

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 CONSERVATION DIVISION
 Wichita, Kansas

(Signed) E. D. Luman

County **Stafford**
 Farm **Ralph C. Gates**
 Owner **Atlantic**

State **Kansa**
 Well No. **1**

File No. **3818**
 Elevation **1885**

PAGE " 3 "

Formation	TOP	Bottom	Remarks
Lime	3094	3100	
Sand	3100	3110	
Lime, sandy	3110	3127	
Lime	3127	3132	
Lime, sandy	3132	3137	
Lime	3137	3166	
Lime, broken	3166	3170	
Lime	3170	3203	
Shale, black	3203	3205	
Lime, broken	3205	3230	
Lime	3230	3238	
Shale, red	3238	3257	
Shale, gray	3257	3326	
Lime	3326	3330	
Shale, black	3330	3339	
Lime	3339	3349	Show oil and gas.
Lime	3349	3400	Show oil from 3370-3373.
Lime, broken	3400	3420	
Lime	3420	3460	
Lime, broken	3460	3470	
Lime	3470	3550	2 Bailleurs water at 3480.
Red rock	3550	3557	
Shale and chat	3557	3575	
Conglomerate	3575	3590	
Chert	3590	3637	Show heavy oil from 3590-3618.
Shale, green	3637	3678	
Lime, ARBUCKLE	3678	3682	Saturation but no free oil.
Lime, ARBUCKLE	3682	3705	PAY ZONE

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Total Depth before deepening.

Top of Anhydrite	712
Top of Topeka Series	2895
Top of Lansing Series	3339
Top of Viola	3590
Top Simpson	3637
Top of Arbuckle	3678

3690 - 3694 150' of heavy oil.
 3694 - 3698 360' of oil. Some new pay, since some of oil is higher gravity.
 3698 - 3703 Additional pay of light oil.
 3703 - 3705 Filled up 500' in 1 hour.

From 5:30 P.M. to 8:00 P.M. Fluid filled up 1000'
 At midnight fluid stood at 2000'
 Fluid-level stationary at approximately 3000'

DEEPENING RECORD

Lime, ARBUCKLE 3705 3714 Showing water. Plugged back to 3707'

(Signed) E. D. Luman