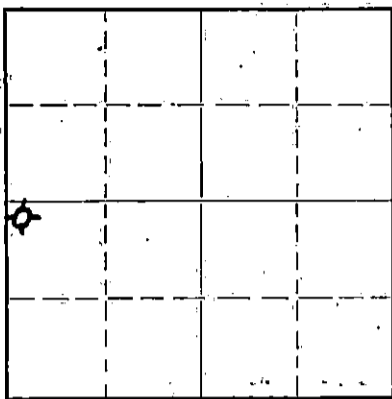


STATE OF KANSAS
SEAL CORPORATION COMMISSION

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

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Flat

Russell County, Sec. 10 Twp. 15 Rge. 14 (E) W (W)
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines NW NW SW
Lease Owner National Cooperative Refinery Association
Lease Name Boxberger "A" Well No. 5
Office Address 820 Union National Bank Building
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed 12-18 19 49
Application for plugging filed 12-18 19 49
Application for plugging approved 12-18 19 49
Plugging commenced 12-18 19 49
Plugging completed 12-20 19 49
Reason for abandonment of well or producing formation
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 Petti - Hays, Kansas
Producing formation Depth to top Bottom Total Depth of Well 3270 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
Sand fresh water	7 BPH	50	100	15 $\frac{1}{2}$ "	40	40
" salty	10 BW	150	165	12 $\frac{1}{2}$ "	401	401
"	6 BW	130	440	10"	781	700
"	HFV	3068	3070	8"	2168	2186
"	HFV	3150	3155	7"	3080	3080

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 mud mixed and pumped in hole by Halliburton pump truck, from 3270' to 2500'. Pulled 7" casing, pumped mixed mud in 8" hole and filled it full. Pulled 8" casing, run 10" casing ripper and ripped top of third joint from shoe. (84.15). The 3 joints being cemented for a shut off in the Anhydrite lime. Pulled 700' of 10" casing. Mud hole up to 120'. Pulled 12 $\frac{1}{2}$ " casing above 120'. Put in bridge w/rock and 35 sacks of mixed cement. Filled hole w/mud up to 25' below cellar. Pulled 15 $\frac{1}{2}$ " casing. Put in bridge at 25'. Filled up w/rock and mixed 15 sacks of cement. Filled up to bottom of cellar. No 5 $\frac{1}{2}$ " casing was run in this hole.

RECORDED
DEC 29 1949
12-29-49

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

Correspondence regarding this well should be addressed to National Cooperative Refinery Association
Address 820 Union National Bank Building
Wichita, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.
James C. Hogwood (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) James C. Hogwood
(Address)

SUBSCRIBED AND SWORN TO before me this 28 day of December, 19 49.

Ruth Denton
Ruth Denton Notary Public.

My commission expires October 1, 1950
PLUGGING
FILE SEC 10 T15 R14W
BOOK PAGE 130 LINE 10

Corp Commission

15-167-04565-0000

NATIONAL COOPERATIVE REFINERY ASS'N
FARM: Boxberger "A" #5
NW NW SW 10-15-14W
Russell County, Kansas

Drilled with N.C.R.A. Cable Tools
Started: 11/6/49
Completed: 12/18/49

Dry and Abandoned
Elevation: 1769' D.F.
T. D. 3270

Depth	Formation		
0-10	Cellar	1880-1920	Bkn. lime
10-30	Sand	1920-1930	Shale
30-40	Shale	1930-1960	Lime
40-50	Shale	1960-1980	Lime
50-100	Sand	1980-1990	Red Rock
100-120	Shale	1990-2005	Lime
120-150	Red Rock	2005-2050	Lime & shale
150-165	Sand	2050-2060	Lime
165-180	Shale	2060-2070	Red Rock
180-220	Shale	2070-2085	Lime
220-260	Shale & shells	2085-2120	Lime
260-275	Sand	2120-2125	Shale
275-305	Shale	2125-2135	Red Rock
305-330	Shale	2135-2155	Lime
330-370	Shale	2155-2165	Shale
370-375	Shale	2165-2180	Lime
375-395	Red Rock	2180-2205	Shale & shells
395-401	Red Rock	2205-2240	Shale & shells
401-460	Red Rock	2240-2265	Shale & shells
460-535	Red Rock	2265-2290	Shale & shells
535-625	Red Rock	2290-2305	Shale & shells
625-705	Red Rock	2305-2325	Shale & shells
705-750	Red Rock	2325-2359	Shale & shells
750-760	Gyp, blue	2359-2365	Shells
760-763	Lime	2365-2375	Shale
763-766	Lime	2375-2380	Lime
766-785	Lime	2380-2410	Shale
785-800	Lime	2410-2420	Shale
800-810	Red Rock	2420-2432	Lime
810-840	Red Rock	2432-2450	Shale
840-900	Red Rock	2450-2483	Shale
900-970	Red Rock	2483-2490	Lime
970-1015	Shale	2490-2500	Shale
1015-1035	Red Rock	2500-2505	Shale
1035-1060	Red Rock	2505-2510	Lime
1060-1105	Shale	2510-2515	Shale
1105-1150	Shale	2515-2530	Lime
1150-1165	Salt	2530-2575	Shale & shells
1165-1205	Salt	2575-2625	Shale & shells
1205-1265	Salt	2625-2635	Shale
1265-1320	Salt	2635-2665	Lime, bkn.
1320-1380	Salt	2665-2685	Shale
1380-1435	Salt	2685-2700	Lime
1435-1480	Shells & shale	2700-2750	Lime
1480-1515	Shale & shells	2750-2805	Lime
1515-1555	Shale & shells	2805-2830	Lime
1555-1575	Lime	2830-2835	Shale
1575-1580	Shale	2835-2865	Lime
1580-1585	Red Rock	2865-2895	Lime
1585-1625	Shale & shells	2895-2910	Lime
1625-1645	Shale	2910-2919	Lime
1645-1670	Lime	2919-2923	Black shale
1670-1695	Lime	2923-2927	Lime
1695-1720	Red Rock	2927-2935	Shale
1720-1765	Lime	2935-2940	Shale
1765-1810	Lime	2940-2950	Lime
1810-1850	Lime, sharp	2950-2954	Lime
1850-1860	Shale	2954-2958	Red Rock
1860-1880	Lime	2958-2965	Shale
		2965-2983	Shale
		2983-2990	Lime

MAR 22 1950
 STATE CORPORATION
 COMMISSION
PLUGGING
 SEC 10 T 15 R 14W
 BOOK PAGE 130 LINE 40

15-167-04565-0000

National Cooperative Refinery Ass'n
#5 Boxberger "A" cont'd

2990-2997	Lime
2997-3000	Shale
3000-3005	Lime
3005-3025	Lime
3025-3040	Lime
3040-3050	Lime
3050-3060	Bkn. lime
3060-3070	Lime
3070-3090	Lime
3090-3115	Lime
3115-3124	Lime
3124-3127	Shale
3127-3135	Lime
3135-3155	Lime
3155-3165	Lime
3165-3175	Lime
3175-3195	Bkn. Lime
3195-3205	Lime
3205-3220	Lime
3220-3230	Lime
3230-3240	Lime
3240-3242	Spotted Simpson Sand
3242-3245	Sandy shale
3245-3260	Oolitic chert, some sand
3260-3270	Chert
Total Depth	3270

Dry and abandoned

800-1-1940