

WELL PLUGGING RECORD

FORMATION PLUGGING RECORD

STATE OF KANSAS STATE CORPORATION COMMISSION

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

Strike out upper line when reporting plugging off formations.

NORTH

Section plat grid with a small circle in the center.

Locate well correctly on above Section Plat

Edwards County, Sec. 6, Twp. 24, Rge. 17 (E) W.(W)

Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines C NW NE

Lease Owner Broderick & Gordon

Lease Name Cross Well No. 1

Office Address Denver, Colorado

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

Date well completed April 8 1943

Application for plugging filed April 8 1943

Application for plugging approved April 8 1943

Plugging commenced April 8 1943

Plugging completed April 8 1943

Reason for abandonment of well or producing formation No Oil

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 C. T. Alexander

Producing formation Arbuckle Depth to top Bottom 4721 Total Depth of Well 2721 Feet

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Table with columns: Formation, Content, From, To, Size, Put In, Pulled Out. Entry: Drilled by Rotary - See log attached.

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.

Heavy rotary mud from 4721 to 239' Wood plug at 239' 25 sacks cement to 209' Mud to 26' Cement to 6' of top of hole

Handwritten notes: 6 24 17W 69 44

Handwritten date: 4-21-43

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

Correspondence regarding this well should be addressed to Thos. H. Allan 921 Union National Bank Bldg., Wichita, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss. J. E. Manning Rept. (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) J. E. Manning

Handwritten signature: J. E. Manning

(Address) Hinsley Kansas

SUBSCRIBED AND SWORN TO before me this 10th day of April, 1943

Handwritten signature: Ruth Newcomer

Notary Public.

My commission expires February 7, 1944.



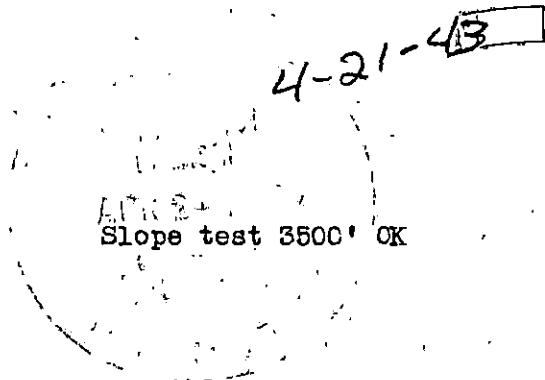
BRODERICK AND GORDON'S CROSS #1

Center of NW $\frac{1}{4}$ of NE $\frac{1}{4}$
 Section 6-24-17W
 Edwards Co., Kansas

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface	0	10	
Clay & Gravel	10	20	
Sand	20	120	
Shale & Shells	120	225	
Shale & Hard Shells	225	282	
Shale & Shells	282	540	Slope test 500' OK
Anhydrite	540	585	
Red Shales	585	1030	
Shale & Shells	1030	1150	
Lime	1150	1205	
Shale & Red Bed	1205	1285	Slope test 1250' OK
Shale & Shells	1285	1550	Slope test 1500' OK
Blue Shale	1550	1625	
Shale & Shells	1625	1965	Slope test 1750' OK
Broken Shale	1965	2040	Slope test 2000' OK
Lime	2040	2106	
Shale & Lime	2106	2150	
Lime	2150	2205	
Lime & Shale	2205	2300	
Lime	2300	2440	
Sandy Lime	2440	2502	Slope test 2500' OK
Lime	2502	2535	
Shale & Shells	2535	2575	
Lime	2575	2715	
Shale	2715	2735	
Lime	2735	2785	
Shale & Lime	2785	2810	
Lime	2810	2840	
Lime & Shale	2840	2875	
Lime	2875	2890	
Lime & Shale	2890	2930	
Shale & Shells	2930	3020	Slope test 3000' OK
Shale & Lime	3020	3085	
Shale & Shells	3085	3130	
Shale & Lime	3130	3175	
Shale	3175	3195	
Sand	3195	3215	
Lime	3215	3295	
Shale & Lime	3295	3315	
Shale & Shells	3315	3370	
Shale & Lime	3370	3450	
Shale & Shells	3450	3465	
Shale	3465	3480	
Sandy Lime	3480	3570	Slope test 3500' OK
Lime & Shale	3570	3600	
Lime	3600	3635	

4-21-43

EDWARDS
 SECTION 6-24-17W
 CROSS #1



<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Sandy Lime	3635	3800	
Shale	3800	3820	
Lime	3820	3850	
Shale & Lime	3850	3870	
Lime	3870	3940	
Cherty Soft Lime	3940	3951	
Lime	3951	4058	Slope test 4000' OK
Shale & Shells	4058	4080	
Lime	4080	4100	
Lime & Shale	4100	4150	
Shale & Shells	4150	4200	
Lime & Shale	4200	4267	
Lime	4267	4275	
Lime & Shale	4275	4313	
Shale & Shells	4313	4334	
Chert	4334	4346	
Lime	4346	4360	
Chert & Lime	4360	4389	
Sandy Shale	4389	4404	
Chert - Rough	4404	4406	
Sandy Shale	4406	4408	
Chert - Rough	4408	4417	
Lime	4417	4420	
Chert	4420	4422	
Lime	4422	4425	
Lime & Chert - Rough	4425	4451	
Chert & Lime	4451	4472	
Lime	4472	4503	
Chert - Rough	4503	4505	
Lime	4505	4520	
Chert - Rough	4520	4523	
Chert & Lime	4523	4534	
Lime	4534	4564	
Chert	4564	4567	
Lime & Chert	4567	4582	
Lime - Brown	4582	4610	
Lime	4610	4615	
Simpson Sand	4615	4628	
Lime & Shale	4628	4686	
Lime	4686	4721	

I, W. A. Grant, partner of Harbar Drilling Company, certify that to the best of my knowledge and belief, the above log is true and correct.

6 24 12W
 69 LINE 44
 Subscribed and sworn to before me
 this 16th day of April, 1943.

My commission expires April 7, 1947.

W. A. Grant

Margaret O'Reilly
 Notary Public