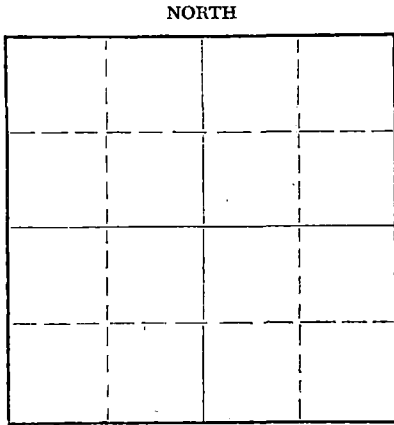


Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 North Market, Insurance Bldg.  
Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Pawnee County, Sec. 21 Twp. 20S Rge.        (E) 19 (W)  
Location as "NE/CNW/SW" or footage from lines NE NE SW  
Lease Owner Thunderbird Drilling Co. Inc.  
Lease Name Balman Well No. 1  
Office Address 712 Union Center Wichita, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed August 20 19 59  
Application for plugging filed October 13 19 59  
Application for plugging approved        19         
Plugging commenced 10/6/59 19         
Plugging completed 10/9/59 19         
Reason for abandonment of well or producing formation Dry Hole

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 Broadfoot  
Producing formation        Depth to top        Bottom        Total Depth of Well 4295 Feet  
Show depth and thickness of all water, oil and gas formations.       

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FRDM	TO	SIZE	PUT IN	PULLED OUT
		0	445	8 5/8"	448.36	none
		0	4280'	5 1/2"	4280.23'	3620'

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.

Plugged back to 3640 ft. with sand dumped 5 sacks cement. Set Rock bridge 300 ft. dumped 20 sacks cement. Mudded hole to 40 ft.. Set rock bridge and dumped 10 sacks cement.

RECEIVED  
STATE CORPORATION COMMISSION  
OCT 14 1959  
CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor E & L Casing Pulling Co.  
Address 1416 Coolidge, Great Bend, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.  
Thunderbird Drilling, Inc. (employer of 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) Charles W. Atkins, Jr., Pres.  
712 Union Center, Wichita 2, Kansas  
(Address).

SUBSCRIBED AND SWORN TO before me this 13th day of October, 19 59

My commission expires Sept. 5, 1960

Jenell Schartz  
Jenell Schartz Notary Public.



**THUNDERBIRD DRILLING, INC.**

**#1 BALMAN**

15.145-00099.0000

**LOCATION:**

NE NE SW Sec. 21,  
Twp. 20.S, Rge. 19.W,  
Pawnee County, Kansas

**CONTRACTOR:**

Thunderbird Drilling, Inc.  
712 Union Center  
Wichita 2, Kansas

**SURFACE CASING:**

8 5/8" set at 445' with 240 sacks of  
cement, 2 3/4% gel and 4 sacks of  
Calcium Chloride.

**OIL STRING:**

5 1/2" set at 4280' with 80 sacks of  
cement, 2% gel.

**ELEVATION:**

2211' K.B.  
2208' D.F.  
2206' G.L.

**COMMENCED:**

August 1, 1959

**COMPLETED:**

August 20, 1959

**DRILLERS LOG**

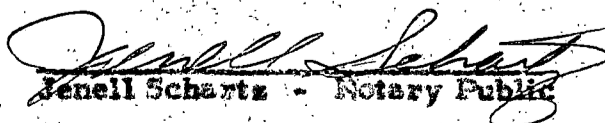
0 - 50	Clay & Rock
50 - 330	Shale
330 - 420	Sand
420 - 515	Shale
515 - 530	Hard Sand
530 - 575	Shale & Sand
575 - 760	Red Bed
760 - 1155	Sand
1155 - 1345	Sand & Red Bed
1345 - 1370	Anhydrite
1370 - 2105	Shale & Shells
2105 - 2380	Shale & Lime
2380 - 2563	Lime
2563 - 3310	Shale & Lime
3310 - 3645	Lime
3645 - 3770	Shale & Lime
3770 - 4070	Lime
4070 - 4205	Shale & Lime
4205 - 4276	Shale & Sand
4276 - 4295	Cherty Lime
4295	Rotary Total Depth

The undersigned, J. W. Owen, an officer of Thunderbird Drilling, Inc., hereby certifies that the above is a true and correct log of the formations encountered in the drilling of the #1 Balman as shown in the daily drilling reports.

**THUNDERBIRD DRILLING, INC.**

  
\_\_\_\_\_  
J. W. Owen, Sec.-Treas.

Subscribed and sworn to before me  
this 27th day of August, 1959.

  
Jenell Schartz - Notary Public

My commission expires:  
September 5, 1960