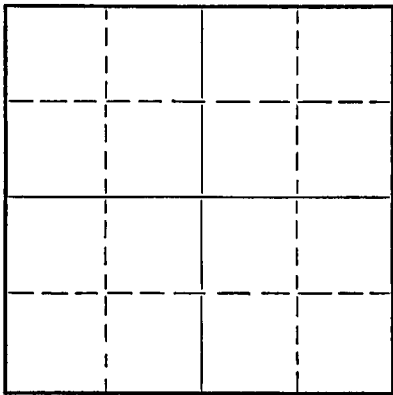


WELL PLUGGING RECORD

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

NORTH



Locate well correctly on above  
Section Plat

Graham County. Sec. 4 Twp. 10 Rge. 21W (E) (W)  
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines  $W\frac{1}{2}$  NE $\frac{1}{4}$  NE $\frac{1}{4}$   
Lease Owner Heathman & Co.  
Lease Name Long Well No. 2  
Office Address 509 Orpheum Building, Wichita, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) dry hole  
Date well completed 2-25-1952  
Application for plugging filed 2-25-1952  
Application for plugging approved 2-25-1952  
Plugging commenced 2-25-1952  
Plugging completed 2-25-1952  
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 Eldon Petty  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3881 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
			153'	8-5/8"	155'	0

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.

Bottom plug at 150' set with 15 sacks cement  
to plug at 35' with 10 sacks cement.

02-28-52

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

Correspondence regarding this well should be addressed to Heathman & Co.  
Address above

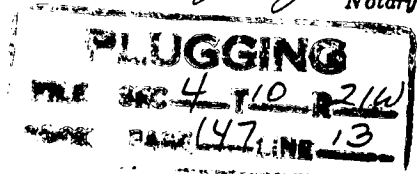
STATE OF KANSAS COUNTY OF SEDGWICK ss.  
Richard Hindery, partner of Birmingham-Bartlett Drilling Co., contractor of the above-described well,  
being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Richard Hindery  
300 Kaufman Building, Wichita, Kansas  
(Address)

SUBSCRIBED AND SWORN to before me this 26th day of February 1952

Lincoln S. Ginger  
Notary Public.

My commission expires November 29, 1954.



LONG NO. 2 WELL

LOCATION: W<sub>2</sub> NE<sub>4</sub> NE<sub>4</sub> Sec. 4-10S-21W  
Graham County, Kansas

OPERATOR: Heathman & Co.

CONTRACTOR: Birmingham-Bartlett Drilling Co.

SURFACE CASING: 8-5/8" casing cemented at 153' with  
100 sacks cement and 1 c.c.

OIL STRING: None. D & A.

SPUDDED: 2-13-52

COMPLETED: 2-25-52

LOG

(Figures indicate bottom of formation)

0 to 75	Clay and sand
940	Shale and shells
1020	Sand
1230	Shale and shells
1295	Red bed
1745	Red bed and shells
1780	Anhydrite
1950	Shale and shells
2060	Lime and shale
2280	Shale and shells
2635	Shale and lime
2710	Lime
3035	Lime and shale
3110	Shale
3275	Shale and shells
3330	Lime and shale
3425	Lime
3490	Lime and shale
3520	Lime
3525	Shale
3789	Lime
3825	Lime and chert
3863	Lime and shale
3881	Arbuckle
3881	Total Depth.

The undersigned Richard Hindery of the Birmingham-Bartlett Drilling Co. hereby certifies that the above is a true and correct log of the formations encountered in drilling the Long #2 well as shown on the daily drilling reports.

BIRMINGHAM-BARTLETT DRILLING CO.

BY Richard Hindery

Subscribed and sworn before me  
this 26th day of February, 1952.

Virnae S. Finger  
Notary Public

My commission expires November 29, 1954.

