

NO. 2 WALTER "A"

WELL RECORD

Location: SW SW SE, 4-13S-17W  
Ellis County, Kansas

Commenced: April 20, 1955

Operator: Graham-Messman-Rinehart Oil Company  
1005 East Second, Wichita, Kansas

Completed: April 29, 1955

Elevation: 2054 KB

Contractor: Graham-Messman-Rinehart Drilling Co.  
1005 East Second, Wichita, Kansas

Production:

Casing Record: 8 5/8" @ 195' w/120 sacks cement  
5 1/2" @ 3586' w/75 sacks cement

....L O G....

|               |             |
|---------------|-------------|
| Sand-Clay     | 150         |
| Shale         | 400         |
| Shale-Sand    | 775         |
| Dakota Sand   | 875         |
| Shale-Sand    | 905         |
| Red Bed-Shale | 1234        |
| Anhydrite     | 1278        |
| Red Bed-Shale | 1565        |
| Shale-Shells  | 1665        |
| Salt          | 1840        |
| Shale-Lime    | 2285        |
| Lime-Shale    | 2410        |
| Shale-Lime    | 2710        |
| Lime-Shale    | 2775        |
| Shale         | 2825        |
| Shale-Lime    | 3080        |
| Shale-Lime    | 3150        |
| Lime-Shale    | 3270        |
| Lime          | 3485        |
| Lime-Shale    | 3500        |
| Lime          | 3586 R.T.D. |

Sample Tops:

Anhydrite 1234 (+820)  
Heebner 3265 (-1211)  
Toronto 3284 (-1230)  
Lansing 3330 (-1276)  
Arbuckle 3566 (-1512)

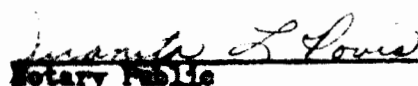
The undersigned, GRAHAM-MESSMAN-RINEHART DRILLING COMPANY, hereby certifies that the above log is a true and correct log of the formation encountered in drilling the above well as reflected by the Daily Drilling Report.

GRAHAM-MESSMAN-RINEHART DRILLING COMPANY

By:

  
J. A. Gilliland

Subscribed and sworn to before me this  
4th day of May, 1955.

  
Notary Public

My Commission Expires: November 5, 1958

GMR  
File Copy

copy to #28  
AP

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- GRAHAM-MESSMAN-RINEHART DRIG. CO.  
Farm- Walter "A" No. 2

SEC. 4 T. 13 R. 17W  
SW SW SE

Total Depth. 3598

Comm. 4-20-55

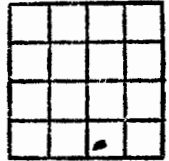
Comp. 4-29-55

Shot or Treated.

Contractor. Graham-Messman-Rinehart Oil Co.

Issued. 6-18-55

County Ellis  
KANSAS



CASING:

8 5/8" 195' cem. w/120 sx

5 1/2" 3586' cem. w/75 sx

Elevation. 2054 KB

Production. 25 bbls. oil

Figures indicate Bottom of Formations.

|                |          |
|----------------|----------|
| sand & clay    | 150      |
| shale          | 400      |
| shale & sand   | 775      |
| Dakota sand    | 875      |
| shale & sand   | 905      |
| redbed & shale | 1234     |
| Anhydrite      | 1278     |
| redbed & shale | 1565     |
| shale & shells | 1665     |
| salt           | 1840     |
| shale & lime   | 2775     |
| shale          | 2825     |
| shale & lime   | 3270     |
| lime           | 3485     |
| lime & shale   | 3500     |
| lime           | 3586 RTD |
| lime           | 3598     |
| Total depth    |          |

Sample Tops:

|           |      |
|-----------|------|
| Anhydrite | 1234 |
| Heebner   | 3265 |
| Toronto   | 3284 |
| Lansing   | 3330 |
| Arbuckle  | 3566 |