

# Geological Survey

## KANSAS DRILLERS LOG

API No. 15 — 119 — 20,298  
County Number

Operator

First National Oil, Inc.

Address

23 East 11th - Liberal, Kansas 67901

Well No.

1

Lease Name

Shelman

Footage Location

660

feet from (N) line

660

feet from (W) line

Principal Contractor

Sage Drilling Co.

Geologist

Nelson B. Escue

Spud Date

12/22/77

Total Depth

5855

P.B.T.D.

Date Completed

1/5/78

Oil Purchaser

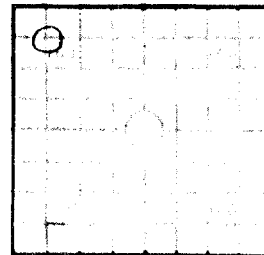
S. 31 T. 33 R. 30 W

Loc. C NW NW

County Meade

640 Acres

N



Locate well correctly

Elev.: Gr. 2701

DF KB

### CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|-------|----------------------------|
| Surface           | 12 1/4"           | 8 5/8"                    | 23#            | 1549          | Light       | 750   | 2% cc                      |

|                 |      |      |
|-----------------|------|------|
| Sand            | 0    | 875  |
| Sand & Red Bed  | 875  | 1550 |
| Red Bed         | 1550 | 1760 |
| Red Bed & Sand  | 1760 | 2260 |
| Lime & Shale    | 2260 | 2425 |
| Red Bed & Shale | 2425 | 2635 |
| Lime & Shale    | 2635 | 3535 |
| Dolomite        | 3535 | 3745 |
| Lime & Shale    | 3745 | 4115 |
| Shale & Lime    | 4115 | 4420 |
| Lime & Shale    | 4420 | 4565 |
| Shale & Lime    | 4565 | 4770 |
| Lime & Shale    | 4770 | 5083 |
| Shale & Lime    | 5083 | 5215 |
| Lime & Shale    | 5215 | 5804 |
| Lime & Shale    | 5804 | 5855 |

FIRST NATIONAL OIL, INC.  
23 EAST 11TH, LIBERAL, KS.

8-14-78  
#1 SHELMAN

31-33-30W  
C NW NW

CONTR SAGE DRLG. CO. CTV MEADE

GEOL FIELD KISMET EXT (1/8 E)

2701 GL CM 12/22/77 CARD ISSUED 8/10/78 IP D&A

API 15-119-20,298

| LOG           | TOPS | DEPTH | DATUM |
|---------------|------|-------|-------|
| HER           | 2617 | + 84  |       |
| LANS          | 4445 | -1744 |       |
| HODGES        | 4927 | -2226 |       |
| REST OF TOPS  |      |       |       |
| NOT AVAILABLE |      |       |       |
| TD            | 5804 | -3103 |       |

8-5/8" 1570/600sx

DST (1) 5660-5804/2 1/2', REC 90' M, NS,  
SIP 179#/30"-163#/30", FP 45-45#,  
55-58#

