

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

10-3-34W

Company MOUNTAIN STATES OIL & URANIUM CORP.  
Farm- Samson No. 1

SEC.

10 T. 3  
NE NW NW

R. 34W

Total Depth. 4670

Comm. 9-15-55

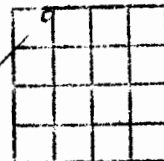
Comp. 10-4-55

Shot or Treated.

Contractor. Stearns Petroleum, Inc.

Issued. 12-31-55

County Rawlins  
KANSAS



CASING:

8 5/8 @ 185' w/ 100 sx cmt.

Elevation. 2958 RB

Production. Dry

Figures Indicate Bottom of Formations.

|                          |      |
|--------------------------|------|
| cellar                   | 5    |
| surface soil & shale     | 90   |
| shale                    | 170  |
| shale & shells           | 1107 |
| shale                    | 1120 |
| soft lime                | 1255 |
| sand & shale             | 1300 |
| shale                    | 1515 |
| shale & shells           | 1745 |
| shale & sand             | 1900 |
| shale & shells           | 2100 |
| sand & shale             | 2235 |
| shale & chalk            | 2255 |
| shale                    | 2340 |
| anhydrite & shale        | 2415 |
| red bed & anhydrite      | 2460 |
| lime & shale             | 2530 |
| red shale & anhydrite    | 2570 |
| red & green shale        | 2720 |
| anhydrite                | 2765 |
| shale                    | 2850 |
| red shale                | 3220 |
| red & gray shale         | 3300 |
| lime & shale             | 3560 |
| shale                    | 3650 |
| shale & lime             | 3991 |
| lime                     | 4359 |
| lime & shale             | 4424 |
| shale, lime & chert      | 4519 |
| sand                     | 4525 |
| sharp sand               | 4526 |
| shale                    | 4533 |
| lime & sand              | 4543 |
| Mississippi chert & lime | 4610 |
| lime                     | 4670 |
| Total Depth              |      |

SCOUT TOPS:

|             |      |
|-------------|------|
| Topeka      | 3770 |
| Heebner     | 4020 |
| Kansas City | 4065 |
| Mississippi | 4536 |
| Arbuckle    | 4646 |