

Country: USA Latitude: 33.0000 Longitude: -111.0000 Surf. Temp: 95 °F Ticker No. 091543

Oil gravity,  $\gamma_o$  (API gravity) =  $\frac{141.5}{131.5 - \text{API gravity}}$  (API gravity) =  $\frac{141.5}{131.5 - \gamma_o}$

100-443886-100

18-000, 01, TYPE AND SIZE: GAS MEASURING DEVICE USED.

| Time  | Choke Size  | Surface Pressure psi | Gas Rate MCF | Liquid Rate BPD | Remarks                                  |
|-------|-------------|----------------------|--------------|-----------------|------------------------------------------|
| 12:05 |             |                      |              |                 | Tester on location                       |
| 2:00  |             |                      |              |                 | Unloaded and made up tools               |
| 3:30  |             |                      |              |                 | Started in hole                          |
| 3:50  | BUBBLE HOSE |                      |              |                 | Opened tool with a good blow             |
| 4:05  | "           | 2.5                  |              |                 | Increasing blow                          |
| 4:30  | "           | 2.7                  |              |                 | Increasing blow                          |
| 4:45  | "           | 3.4                  |              |                 | Increasing blow                          |
| 5:20  | "           | 3.9                  |              |                 | Closed tool for closed in pressure       |
| 7:43  | "           | -                    |              |                 | Reopened tool with a weak blow           |
| 7:50  | "           | .5                   |              |                 | Increasing                               |
| 8:00  | "           | 1.                   |              |                 | Increasing                               |
| 8:15  | "           | 1.7                  |              |                 | Increasing                               |
| 8:30  | "           | 2.4                  |              |                 | Increasing                               |
| 8:45  | "           | 3.1                  |              |                 | Increasing                               |
| 9:00  | "           | 4.2                  |              |                 | Increasing                               |
| 9:15  | "           | 5.4                  |              |                 | Increasing                               |
| 9:30  | "           | 6.6                  |              |                 | Increasing                               |
| 9:43  | "           | 8.0                  |              |                 | Closed tool for closed in pressure *     |
| 1:40  |             |                      |              |                 | Pulled loose & started out of hole       |
| 3:30  |             |                      |              |                 | Reversed out                             |
|       |             |                      |              |                 | *Slight gas to surface after 100 minutes |