

# Cimarex Energy Company

30-025-3869D

HALLIBURTON

Sperry Drilling Services

Project: Lea County, NM  
Site: Caudill South "21" Fee  
Well: #3H  
Wellbore: ST01  
Plan: Plan #1 (#3H/ST01)  
Rig: T&B



## SECTION DETAILS

| MD       | Inc   | Azi  | TVD      | +N/-S   | +E/-W | DLeg  | TFace | VSec    | Annotation          |
|----------|-------|------|----------|---------|-------|-------|-------|---------|---------------------|
| 0.00     | 0.00  | 0.00 | 0.00     | 0.00    | 0.00  | 0.00  | 0.00  | 0.00    |                     |
| 10474.20 | 0.00  | 0.00 | 10474.20 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00    | KOP at 10,474' MD   |
| 10783.17 | 92.69 | 0.17 | 10664.98 | 199.95  | 0.59  | 30.00 | 0.17  | 199.95  | EOC at 10,783' MD   |
| 12167.73 | 92.69 | 0.17 | 10600.00 | 1582.98 | 4.68  | 0.00  | 0.00  | 1582.99 | TD at 12,167.73' MD |

## WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

| Name               | TVD      | +N/-S   | +E/-W | Northing  | Easting   | Shape |
|--------------------|----------|---------|-------|-----------|-----------|-------|
| C.S.21F#3 PBHL(P1) | 10600.00 | 1582.98 | 4.68  | 731109.40 | 855810.40 | Point |

| US State Plane 1983<br>New Mexico Eastern Zone<br>Elevation: 3,895' GL + 23' KB @ 3918 00ft (T&B) |           |                |                   |
|---------------------------------------------------------------------------------------------------|-----------|----------------|-------------------|
| Northing                                                                                          | Easting   | Latitude       | Longitude         |
| 729526.42                                                                                         | 855805.72 | 33° 0' 4.519 N | 103° 18' 27.360 W |

