

# PROJECT PROPOSAL - New Drill / Sidetrack



|                                        |                          |                                    |                          |
|----------------------------------------|--------------------------|------------------------------------|--------------------------|
| Well : SAN JUAN 28-7 156F              | Lease : SAN JUAN 28-7    | AFE # : 3106 (MV)                  | AFE \$ :                 |
| Field Name : EAST 28-7                 | Rig :                    | State : NM                         | County : Rio Arriba      |
| Geoscientist : Glaser, Terry J         | Phone : (281) 293 - 6538 | Prod. Engineer : Moody, Craig E.   | Phone : (281) 293 - 6559 |
| Res. Engineer : Valvatne, Christine K. | Phone :                  | Proj. Field Lead : Bergman, Pat W. | Phone : (281) 293 - 6517 |

## Primary Objective (Zones) :

| Pool | Pool Name                       |
|------|---------------------------------|
| FRR  | BASIN DAKOTA (PRORATED GAS)     |
| RON  | BLANCO MESAVERDE (PRORATED GAS) |

*"Air Drilled"*

## Surface Location :

|                      |                       |                      |     |              |              |               |
|----------------------|-----------------------|----------------------|-----|--------------|--------------|---------------|
| Latitude : 36.585297 | Longitude : -107.5538 | X :                  | Y : | Section : 10 | Survey : 27N | Abstract : 7W |
| Footage X : 500 FEL  | Footage Y : 1295 FSL  | Elevation: 6576 (FT) |     |              |              |               |

## Bottom Hole Location :

|            |             |     |     |           |          |            |
|------------|-------------|-----|-----|-----------|----------|------------|
| Latitude : | Longitude : | X : | Y : | Section : | Survey : | Abstract : |
|------------|-------------|-----|-----|-----------|----------|------------|

|                            |                     |                   |                     |
|----------------------------|---------------------|-------------------|---------------------|
| Location Type : Year Round | Start Date (Est.) : | Completion Date : | Date In Operation : |
|----------------------------|---------------------|-------------------|---------------------|

Formation Data : Assume KB = 6589 Units = FT

| Formation Call & Casing Points | Depth (TVD in Ft) | SS (Ft) | Depletion | BHP (PSIG) | BHT | Remarks                                                                                                           |
|--------------------------------|-------------------|---------|-----------|------------|-----|-------------------------------------------------------------------------------------------------------------------|
| Surface Casing                 | 285               | 6304    |           |            |     | Severe lost circulation is possible. 9 5/8", 36 ppf, J-55, STC casing. Circulate cement to surface.               |
| OJAM                           | 2489              | 4100    |           |            |     | Possible water flows"                                                                                             |
| KRLD                           | 2639              | 3950    |           |            |     |                                                                                                                   |
| FRLD                           | 2900              | 3689    |           |            |     | Possible gas                                                                                                      |
| PCCF                           | 3149              | 3440    |           |            |     |                                                                                                                   |
| LEWS                           | 3350              | 3239    |           |            |     |                                                                                                                   |
| Intermediate Casing            | 3450              | 3139    |           |            |     | 7", 20 ppf, J-55, STC Casing. Circulate cement to surface.                                                        |
| CLFH                           | 4814              | 1775    |           | 1300       |     | Gas; possibly wet                                                                                                 |
| MENF                           | 4909              | 1680    |           |            |     | Gas                                                                                                               |
| PTLK                           | 5399              | 1190    |           |            |     | Gas                                                                                                               |
| MNCS                           | 5700              | 889     |           |            |     |                                                                                                                   |
| GLLP                           | 6619              | -30     |           |            |     |                                                                                                                   |
| GRHN                           | 7294              | -705    |           |            |     | Gas possible, highly fractured                                                                                    |
| TWLS                           | 7389              | -800    |           |            |     | Gas                                                                                                               |
| CBEO                           | 7539              | -950    |           |            |     | Gas                                                                                                               |
| Total Depth                    | 7644              | -1055   |           | 3000       |     | 4 1/2", 10.5 ppf, J-55, STC casing. Circulate cement a minimum of 100' inside the previous casing string. No open |