

PROPOSED WELL PLAN OUTLINE

WELL NAME: SEMU EUMONT NO. 110

COUNTY: LEA

LOCATION: 1650' FSL & 1650' FWL  
Sec.23, T-20S, R-37E

STATE: NM

EST. KB: 3537'

EST. GL: 3525'

| DEPTH | FORMATION<br>TOPS & TYPE                               | DRILLING<br>PROBLEMS | TYPE OF<br>FORMATION<br>EVALUATION         | HOLE<br>SIZE<br>(IN) | CASING       |               | STRUCTURE<br>GRAVITY<br>(PPG) | FORMATION<br>PRESSURE<br>ADIENT<br>(PPG) | MUD             |      |
|-------|--|----------------------|--|----------------------|--------------|---------------|-------------------------------|--|-----------------|------|
|       |  |                      |  |                      | SIZE<br>(IN) | DEPTH<br>(FT) |                               |  | WEIGHT<br>(PPG) | TYPE |
|       | Surface-Pleistocene Sand                               |                      | Drilling Time Recorder                     |                      |              |               |                               |  |                 |      |
|       | Water Sand 50'-150'                                    |                      |  |                      |              |               |                               |  |                 |      |
| 1000  | Rustler  | 1260'                | Geolograph 0'-TD                           |                      | 24#          |               |                               |  |                 |      |
|       | Salado   | 1350'                |  | 12-1/4               | K-55<br>STC  | 1300          | 12.0-<br>13.0                 | 8.3-<br>8.5                              | 8.5<br>9.0      | Spud |
| 2000  |  | Possible water flow  |  |                      |              |               |                               |  |                 |      |
|       | Tansill  | 2507'                | GR-CNL-FDC TD-1800'                        |                      |              |               |                               |  |                 |      |
|       | Yates  | 2647'                | GR-DLL TD-1800'                            |                      |              |               |                               |  |                 |      |
| 3000  | Seven Rivers   | 2902'                | Extra Caliper 1800'-Casing PDC-2600'-3790' |                      |              |               |                               |  |                 |      |
|       | Queen  | 3444'                |  |                      | 15.5#        |               |                               |  |                 |      |
|       | Penrose  | 3552'                |  |                      | K-55         |               |                               | Less                                     |                 |      |
|       | Grayburg   | 3722'                |  |                      | STC          |               | 13.0-                         | than                                     | 9.0-            | Salt |
| 4000  | TD   | 3790'                |  | 7-7/8                | 5-1/2"       | 3790'         | 14.0                          | 8.5                                      | 10.0            | Gel  |
|       | NOTE: IF WATER FLOW ENCOUNTERED, USE D.V. TOOL AND ECP |                      |  |                      |              |               |                               |  |                 |      |