

PROPOSED WELL PLAN OUTLINE

WELL NAME: Langlie Mattix Jack B-17 No. 6

COUNTY: Lea

LOCATION: 1980' FNL & 1980' FWL  
Sec. 17, T24S, R37E

STATE: New Mexico

EST. KB: 3290

EST. GL: 3280

| DEPTH | FORMATION<br>TOPS & TYPE | DRILLING<br>PROBLEMS                                            | TYPE OF<br>FORMATION<br>EVALUATION                        | HOLE<br>SIZE | CASING |       | FRACTURE<br>GRADIENT | FORMATION<br>PRESSURE<br>GRADIENT | MUD    |       |
|-------|--------------------------|-----------------------------------------------------------------|-----------------------------------------------------------|--------------|--------|-------|----------------------|-----------------------------------|--------|-------|
|       |                          |                                                                 |                                                           |              | SIZE   | DEPTH |                      |                                   | WEIGHT | TYPE  |
|       |                          |                                                                 | Drilling Time<br>Recorder<br>O-TD                         |              |        |       | PPG                  | PPG                               | PPG    |       |
| 1000  |                          |                                                                 |                                                           |              |        |       |                      |                                   |        |       |
|       | Rustler Anhy.            | 1150                                                            |                                                           | 12 1/4       | 8 5/8  | 1200' | 12.0-                | Less                              | 8.5-   | Fresh |
|       | Salado Salt              | 1290                                                            |                                                           |              |        |       | 13.0                 | Than<br>8.3                       | 9.0    | Water |
|       |                          |                                                                 |                                                           |              |        |       |                      |                                   |        |       |
| 2000  |                          |                                                                 |                                                           |              |        |       |                      |                                   |        |       |
|       |                          |                                                                 |                                                           |              |        |       |                      |                                   |        |       |
|       | Base Salt                | 2650                                                            |                                                           |              |        |       |                      |                                   |        |       |
|       | Yates SS.                | 2840 Possible<br>Loss Circula-<br>tion (Low BHP<br>200-300 psi) |                                                           |              |        |       |                      |                                   |        |       |
| 3000  |                          |                                                                 |                                                           |              |        |       |                      |                                   |        |       |
|       | Seven Rivers<br>Dol.     | 3140                                                            | DLL-GR                                                    |              |        |       |                      |                                   |        |       |
|       |                          |                                                                 | FDC-CNL-GR<br>Caliper                                     |              |        |       |                      |                                   |        |       |
|       | Queen SS.                | 3510                                                            |                                                           |              |        |       |                      |                                   |        |       |
|       | Penrose SS.              | 3660                                                            |                                                           |              |        |       |                      |                                   |        |       |
|       | TD 3800                  |                                                                 | TD-2500'<br>with caliper<br>all the way to<br>surf-casing | 7 7/8        | 5 1/2  | 3800' | 14.0-                | Less                              | 9.0-   | Salt  |
|       |                          |                                                                 |                                                           |              |        |       | 15.0                 | Than<br>8.3                       | 10.0   | Gel   |