

PROPOSED WELL PLAN OUTLINE

WELL NAME: Tuesday Federal No. 3

COUNTY: Eddy

STATE: NM

LOCATION: Sec. 3, T-20S, R-29E

EST. KB: 3348'

1400' FNL & 990' FWL

EST. GL: 3336'

| DEPTH | FORMATION<br>TOPS & TYPE              | DRILLING<br>PROBLEMS                        | TYPE OF<br>FORMATION<br>EVALUATION                             | HOLE<br>SIZE    | CASING                                | FRAC<br>GRAD  | FORM<br>PRESS<br>GRAD | MUD                                                  |                   |
|-------|---------------------------------------|---------------------------------------------|----------------------------------------------------------------|-----------------|---------------------------------------|---------------|-----------------------|------------------------------------------------------|-------------------|
|       |                                       |                                             |                                                                |                 | SIZE-DEPTH                            |               |                       | WT                                                   | TYPE              |
|       | Surface Wtr<br>0'-158'                | Gravel Beds<br>0'-100'                      | Geolograph<br>0'-TD'<br>Deviation<br>0'-TD'                    | 26"             | 20", H-40,<br>94#, ST&C @<br>40'      | -             | <8.3                  | Fresh Wtr<br>0'-200'                                 |                   |
|       | Rustler Anhy<br>158/3190              |                                             |                                                                | 17-1/2"         | 13-3/8", H-40<br>48#, ST&C @<br>200'  | -             | <8.3                  | Brine Wtr<br>200'-3250'                              |                   |
|       | Salado 258/<br>3090                   |                                             |                                                                | 12-1/4"         | 9-5/8", K-55,<br>36#, ST&C @<br>3250' |               |                       | WL: NC<br>MW: 10.0                                   |                   |
| 1000  | Tansill 988/<br>2360                  | Total Loss of<br>Circulation<br>1600'-3200' |                                                                |                 |                                       |               |                       |                                                      |                   |
|       | Yates 1188/<br>2160                   |                                             |                                                                |                 |                                       |               |                       |                                                      |                   |
|       | 7 Rivers &<br>2000 Reef 1478/<br>1870 |                                             |                                                                |                 |                                       |               |                       |                                                      |                   |
| 3000  | Delaware<br>3328/20                   |                                             | 10' Samples<br>+3000' to TD<br>Mudloggers<br>3000' to TD       | 8-3/4"<br>to TD | 7", K-55,<br>26.0#, BTRC<br>0'-6900'  |               |                       | Cut Brine<br>3250-9000'                              | WL: NC<br>MW: 9.0 |
| 4000  |                                       |                                             |                                                                |                 | 7", L-80,<br>26#, LT<br>6900'-11700'  |               |                       |                                                      |                   |
| 5000  | Bone Spring<br>5648/-2300             |                                             |                                                                |                 |                                       |               |                       |                                                      |                   |
| 6000  |                                       |                                             | GR-CNL-FDC-Cal<br>GR-DLL-MSFL<br>3000' to TD<br>2" & 5" Scales |                 |                                       |               |                       |                                                      |                   |
| 7000  |                                       |                                             |                                                                |                 |                                       |               |                       |                                                      |                   |
| 8000  |                                       |                                             |                                                                |                 |                                       |               |                       |                                                      |                   |
| 9000  | Wolfcamp<br>9328/-5980                | Minor Slough-<br>ing of Canyon<br>Shales    | Wolfcamp -<br>Possible DST                                     |                 |                                       | 13.3          | 9.0                   | XC-Driscap<br>WL: 10-12<br>MW: 9.2<br>9000-10500     |                   |
|       | Cisco-Canyon<br>9838/-6490            |                                             |                                                                |                 |                                       |               | 9.1                   |                                                      |                   |
| 10000 | Strawn<br>10,388/-7040                |                                             |                                                                |                 |                                       | 17.0          | 9.2                   |                                                      |                   |
|       | Atoka 10,828/<br>-7490                |                                             | Strawn -<br>Possible DST                                       |                 |                                       |               |                       | XC-Driscap<br>WL: <5<br>MW: 9.2-<br>9.4<br>10,500-TD |                   |
| 11000 | Morrow<br>10,948/-7600                |                                             |                                                                |                 |                                       |               |                       |                                                      |                   |
|       | Barnett<br>11,688/-8340               |                                             |                                                                |                 |                                       |               |                       |                                                      |                   |
| 12000 | TD 11,700'                            |                                             |                                                                | 8-3/4"          | 11,700'                               | 13.3-<br>17.0 | 9.3                   |                                                      |                   |