

## PROGNOSIS TO DRILL

Boling Federal 6-22  
Media Dome Field  
SE/NW Sec. 22-T19N-R3W  
Sandoval Co., New Mexico

1. Drill 15" hole to  $\pm$  225'
2. Set 10 3/4", 40.5#, H40, ST/C casing. Cement w/250 sx  
Class G w/3% CA C1<sub>2</sub>
3. WOC 8 hrs. minimum
4. Install 10 3/4" X 10" 900S bradenhead
5. NU 10" 900S double gate BOPs and test to 500 psi for 15 minutes.
6. Drill out w/9 5/8" bits
7. Evaluate the Menefee formation at  $\pm$  1800' w/electric logs and sidewall core.
8. Drill into the Gallup formation at 2600 - 3200' This zone is under water-flood and expected BHP is 1525 psi. Establish a pressure gradient then weight up to control if necessary. (Estimate: 10.5 #/gal)
9. Drill to the Entrada formation at  $\pm$  5300'. TD  $\pm$  5450'

Collect samples as follows:

Formation Tops

30' - 225 - 1600'  
10' - 1000 - 1800  
30' - 1800 - 5000  
10' - 5000 - TD

Dakota - 4250  
Morrison - 4425

### Mud Program

Native mud - surface to 1000'

1000' - 2000' - To evaluate Menefee Formation

WT - 8.7 - 8.9

VIS - 38 - 45 SEC/Qt.

W.L. - Less than 5 cc

2000' - 4500' - To control possible water flow from Gallup Formation

WT - 10.5 #/gal

VIS - 42 - 47 SEC/Qt.

W.L. - No control

4500' - TD - To evaluate Entrada Formation

WT - 10.5 #/gal

VIS - 42 - 47 SEC/Qt.

W.L. - Less than 5 cc