

## DRILLING PROGRAM

BIG SINKS '26' FED COM WELL No. 1

### **SURFACE DESCRIPTION:**

See Item 11 (other information) in the attached Surface Use and Operations Plan.

**FORMATION TOPS:** Estimated KB Elevation: 3963'

<u>Formation</u>	<u>Depth</u>	<u>Lithology</u>	<u>Fluid Content</u>
Top of Salt	----	Salt	----
Base of Salt	3170'	Salt	----
Castille	----	Anhydrite	----
Delaware	4400'	Sand	----
Manzaita Mkr	----	Lime	----
Brushy Canyon	----	Sand	----
Lower Brushy Canyon	----	Sand	----
Lower Brushy Canyon	----	Sand	----
Bone Spring	----	Lime	----
Wolfcamp	13250'	Lime	Gas
Total Depth:	13400'		

The base of the salt section is the top of the Delaware at 3170'. No abnormal pressures or temperatures are anticipated to be encountered in this well. The Bottom Hole pressure at T.D. is estimated to be 7.9 PPG EMW (5135 PSI).

Install H2S equipment from 700' to 13,400' (TD). H2S RADIUS OF EXPOSURE: 100ppm = 199', 500ppm = 91', based on 4300 ppm H2S and 692 MCF (see attached H2S Drilling Operations Plan. H2S equipment to be operational prior to drilling out Surface Casing Shoe.)

Duration of Operation: 46 Days to Drill & 8 Days to Complete

### **PRESSURE CONTROL EQUIPMENT:**

A 3000 psi (or 5000 psi at drilling contractor's option) Dual Ram BOP with rotating head (See Exhibit C) will be installed after surface casing is set. A 5000 psi or 10,000 psi Dual Ram BOP with a rotating head and annular preventer will be used. (See Exhibit F-1 and G-1). It will be installed after intermediate casing is set at 4300'. BOP will be tested each time it is installed on a casing string and at least every 29 days, and operated at least once each 24 hour period during drilling.