

**SUPPLEMENTAL DRILLING PLAN**  
**THE PETROLEUM CORPORATION**  
**OF DELAWARE**  
**BRUSHY 12 FEDERAL #4**  
**NW/4, SW/4, Sec. 12, T-26-S, R-29-E**

1. **SURFACE FORMATION:** Unconsolidated Sands of Quaternary Age.

2. **ESTIMATED TOPS OF GEOLOGIC MARKERS** (G.L. Elevation 2972'):

Anhydrite	350'	Delaware Sand	3185'
Salado	470'		
Base Lower Salt	2950'		
Delaware Lime	3150'		

3. **POSSIBLE HYDROCARBON BEARING ZONES:**

Bell Canyon: Oil & Gas  
Cherry Canyon: Oil  
Brushy Canyon: Oil

4. **CASING DESIGN:**

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
8 5/8"	0 - 700'	24.0#	J-55	STC
5 1/2"	0 - 5600'	15.5#	J-55	STC

Set DV Tool at 3600' & cement across Bell Canyon up into salt section.

5. **PRESSURE CONTROL EQUIPMENT:** Two Ram-Type Preventors. A sketch of BOP arrangement is attached.

6. **CIRCULATING MEDIUM:**

0' - 700'	Fresh water with gel or lime as needed for viscosity.
700' - 3100'	Brine.
3100' - 5600'	Cut brine conditioned as necessary for control of viscosity and water loss.

7. **AUXILIARY EQUIPMENT:** Drill string safety valve.

8. **TESTING, LOGGING AND CORING PROGRAMS:** No coring or DST's are planned. Electric logs will include a compensated Neutron Log with Gamma Ray.

9. **ABNORMAL PRESSURES, TEMPERATURES OF GAS:** None anticipated.

10. **ANTICIPATED STARTING DATE:** It is planned that operations will commence as soon as possible. Duration of drilling, completion and testing operations should be two to six weeks.