

## SUPPLEMENTAL DRILLING DATA

~~45~~ GP II ENERGY, INC.  
No. ~~171~~ North Square Lake Unit  
210' FNL & 1310' FEL Sec. 33, T16S, R31E  
Eddy County, New Mexico  
Federal Lease No. LC-056302(B)

The following items supplement Form 3160-3 in accordance with instructions contained in Onshore Oil and Gas Order No. 1:

1. SURFACE FORMATION: Current

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

T. Salt	525	Queen	2200
B. Salt	1360	Grayburg	2852
Yates	1570	San Andres	3208
Seven Rivers	1590		

3. ESTIMATED DEPTHS TO WATER, OIL OR GAS FORMATION:

Water - Possible groundwater from 0' to 75'  
Oil - 2100' to TD  
Gas - None anticipated

4. PROPOSED CASING PROGRAM:

**WITNESS**

~~550'~~ <sup>580'</sup>  
8-5/8" Casing - Set at ~~550'~~ +/- 24# J-55 Surface casing  
5-1/2" Casing - Set at 3800' +/- 15.50# J-55 Production casing  
All strings of casing will be satisfactorily tested to 1000 psi

5. PRESSURE CONTROL EQUIPMENT:

Install a 3000# 10" Shaffer double hydraulic BOP on the 8-5/8" casing prior to drilling into the Queen. Due to depleted nature of the reservoir, it is requested that a waiver be granted to test pressure control equipment to 1000 psi, using rig pump, instead of the normal 2000 psi test. Exhibit D is a diagrammatic sketch of the BOP equipment.

6. CIRCULATING MEDIUM:

Drill with fresh water from surface to setting depth of surface casing. Drill remainder of hole with brine water, using additives to control water loss, viscosity and mud weight.