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DRILLING PROGRAM

Enron Oil & Gas Company Diamond "18" Federal, Well No. 1 810' FNL & 660' FWL Sec. 18, T25S, R34E Lea County, New Mexico

1. <u>Geologic Name of Surface Formation:</u>

Permian

2. Estimated Tops of Inportant Geologic Markers:

Rustler	850'
	000
Delaware Mt. Group	5175'
Bone Spring Lime	9275 '
3rd Bone Spring Sand	12400'
TD	12650'

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

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Upper Permian Sands	100'	Fresh Water
3rd Bone Spring Sand	12400 '	Oil

No other formations are expected to give up oil, gas or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 11-3/4" casing at 650' and circulating cement back to surface, and 8-5/8" casing will be set at 5200' with cement circulated back to surface.

Enron Oil & Gas Company Diamond "18" Federal, Well No. 1 810' FNL & 660' FWL Sec. 18, T25S, R34E Lea County, New Mexico

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	. <u>OD csq</u>	<u>Weight Grade Jt.</u>	Cond. Type
14-3/4	0- 650'	11-3/4	42# H-40 A ST&C	
11	0- 5200'	8-5/8	32# J-55 ST&C	
7-7/8	0-12650'	5-1/2	17# P-110 LT&C	

<u>Cementing Program:</u>

11-3/4" Surf		Cement to surface with 250 sx of Class C + 2% CaCl2 + 1/4#/sx flocele.
8-5/3" Inte		Cement to surface with 800 sx of Premium Plus lite + 15#/sx salt + 1/4#/sx Flocele and 300 sx Cl C + 2% CaCl2
5-1/2" Prod	~	Cement with 1200 sx 50/50 Cl H/Poz + 2% gel + .4% CF-14, .1% Diacel LWL. This cement slurry is designed to bring TOC to 7500 .

5. Minimum Specifications for Pressure Control:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (5000 psi WP) preventer and an annular preventer (5000 psi WP). Units will be hydraulically operated and the ram-type will be equipped with blind rams on top and drill pipe rams on bottom. All will be installed on the 11-3/4" surface casing and used continuously until TD is reached. All BOP's and accessory equipment will be tested to 600 psi before drilling out of surface casing. Before drilling out of intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000 psi and the annular to 70% of rated working pressure (3500 psi).

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. A 2" kill line and 4" choke line will be included in the drilling spool located below the ram-type BOP. Other accessories to the BOP equipment will include a kelly cock and floor safety valve (ir.side BOP) and choke lines and choke manifold with 5000 psi WP rating. ENRON OIL & GAS COMPANY

