Form 3160-3 (July 1992)

SUBMIT IN TRIPLICATE.

FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

SUBMIT IN TRIPLICATE

UNITED STATES

(Other instructions on reverse side)

DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND BERIAL NO.

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District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brasos Rd., Asteo, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088 State of New Mexico Energy, Minerals & Natural Resources Depart.

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 21, 1994 Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

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DRILLING PROGRAM

Enron Oil & Gas Company
Hallwood "1" Federal, Well No. 3
1430' FSL & 1830' FEL
Sec. 1, T25S, R33E
Lea County, New Mexico

1. Geologic Name of Surface Formation:

Permian

2. Estimated Tops of Important Geologic Markers:

Rustler	850'
Delaware Mt. Group	5175'
Bone Spring Lime	9275'
Bone Spring Pay	12225'
TD	12600'

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

Upper Permian Sands	100'	Fresh Water
3rd Bone Spring Sand	12225'	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 Hallwood "1" Federal, Well No. 3 1430' FSL & 1830' FEL Sec. 1, T25S, R33E Lea County, New Mexico

Casing Program:

Hole Size 14-3/4 11	<u>Interval</u> 0- 650' 0- 5200'	OD csq 11-3/4 8-5/8 5-1/2	Weight Grade Jt. Cond. Type 42# H-40 A ST&C 24# & 32# J-55 ST&C 17# P-110 LT&C
7-7/8	0- 12600'	5-1/2	1/π 1 120

Cementing Program:

11-3/4" Surface casing: Cement to surface with 250 sx of Class C

+ 2% CaCl2 + 1/4#/sx flocele.

Cement to surface with 800 sx of Premium Plus 8-5/8" Intermediate:

lite + 15#/sx salt + 1/4#/sx Flocele and 300 sx

Cl C + 2% CaCl2

Cement with 1200 sx 50/50 Cl H/Poz + 2% Gel + .4% 5-1/2" Prod. Casing:

CF-14, .1% Diacel LWL. This cement slurry is

designed to bring TOC to 4500'.

Minimum Specifications for Pressure Control: 5.

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 709 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 b 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 safet valve (inside BOP) and choke lines and choke manifold with 3000 psi W rating.



ENRON OIL & GAS COMPANY

Hallwood | Federal #3

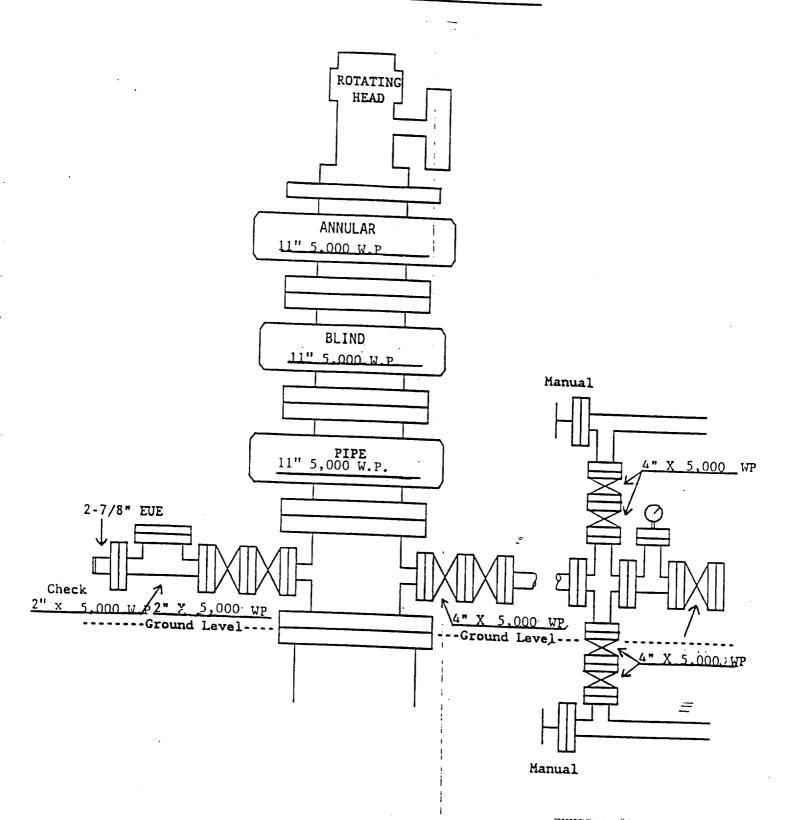


EXHIBIT #1

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