

RECOMMENDED CASING PROGRAM

A.F.E. NO. 451

David Fasken ----- MARALO STATE NO. 1 ----- Eddy County, New Mexico

|                     | <u>Footage</u> | <u>Size</u> | <u>Weight</u> | <u>Grade</u> | <u>Thread</u> |
|---------------------|----------------|-------------|---------------|--------------|---------------|
| Surface Casing      | 300'           | 13-3/8"     | 48.00#/Ft.    | H-40         | ST&C          |
| Intermediate Casing | 2,500'         | 8-5/8"      | 24#/Ft.       | J-55         | ST&C          |
|                     | 500'           | 8-5/8"      | 32#/Ft.       | J-55         | ST&C          |
|                     | <u>3,000'</u>  |             |               |              |               |
| Oil String Casing   | 1,900'         | 4-1/2"      | 11.60#/Ft.    | N-80         | Buttress      |
|                     | 8,400'         | 4-1/2"      | 11.60#/Ft.    | N-80         | LT&C          |
|                     | 1,000'         | 4-1/2"      | 13.50#/Ft.    | N-80         | LT&C          |
|                     | <u>11,300'</u> |             |               |              |               |