DOCKET: Examiners Hearing - Thursday, September 9, 1993 Case #10821 - Project Area: NE/4, Sec. 7, & S/2NW/4 & N/2SW/4, Sec. 8, T8S, R31E

WATTAM FEDERAL #6

Map Exhibit #1

Offset Operators

Horizontal Drilling Procedure Exhibit #2

Exhibit #3

Schematic Exhibit #4

BEFORE EXAMINER CATAMADA

OIL CONSERVATION DIVISION

CASE NO. 10721

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Docket: Examiners Hearing - Thursday, September 9, 1993 EXHIBIT #3

Case # 10821

WATTAM FEDERAL #6

Unit A&B, NE/4NE/4&NW/4NE/4 Section 7, T8S, R31E Tom-Tom San Andres Field Chaves County, New Mexico

HORIZONTAL DRILLING PROCEDURE

- 1. Set cement retainer 0.3695'. Cement squeeze perforations 3708' to 3794'.
- 2. Set packer @ 3400'. Cement squeeze perforations 3642' to 3682'.
- 3. Drill out cement to 3695'. Pressure test casing to 1000 psi.
- 4. Mill section in $5\frac{1}{2}$ " casing from approximately 3620' to 3670'. Set cement plug. Drill out cement to approximately 3650'.
- 5. Run directional survey.
- 6. Kickoff cement plug at approximately 3650'.
- 7. Drill 60+ feet radii curve to an inclination of approximately 85 to 90 degrees. Conduct surveys every 5 feet of the arc.
- 8. Drill laterally approximately 1000+ feet in a direction of our choice, thru a vertical depth of approximately 3708' to 3752'.
- 9. Conduct surveys every 30 feet in the lateral.
- 10. A distance of 100 feet will be maintained by the horizontal hole from the lease line.

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