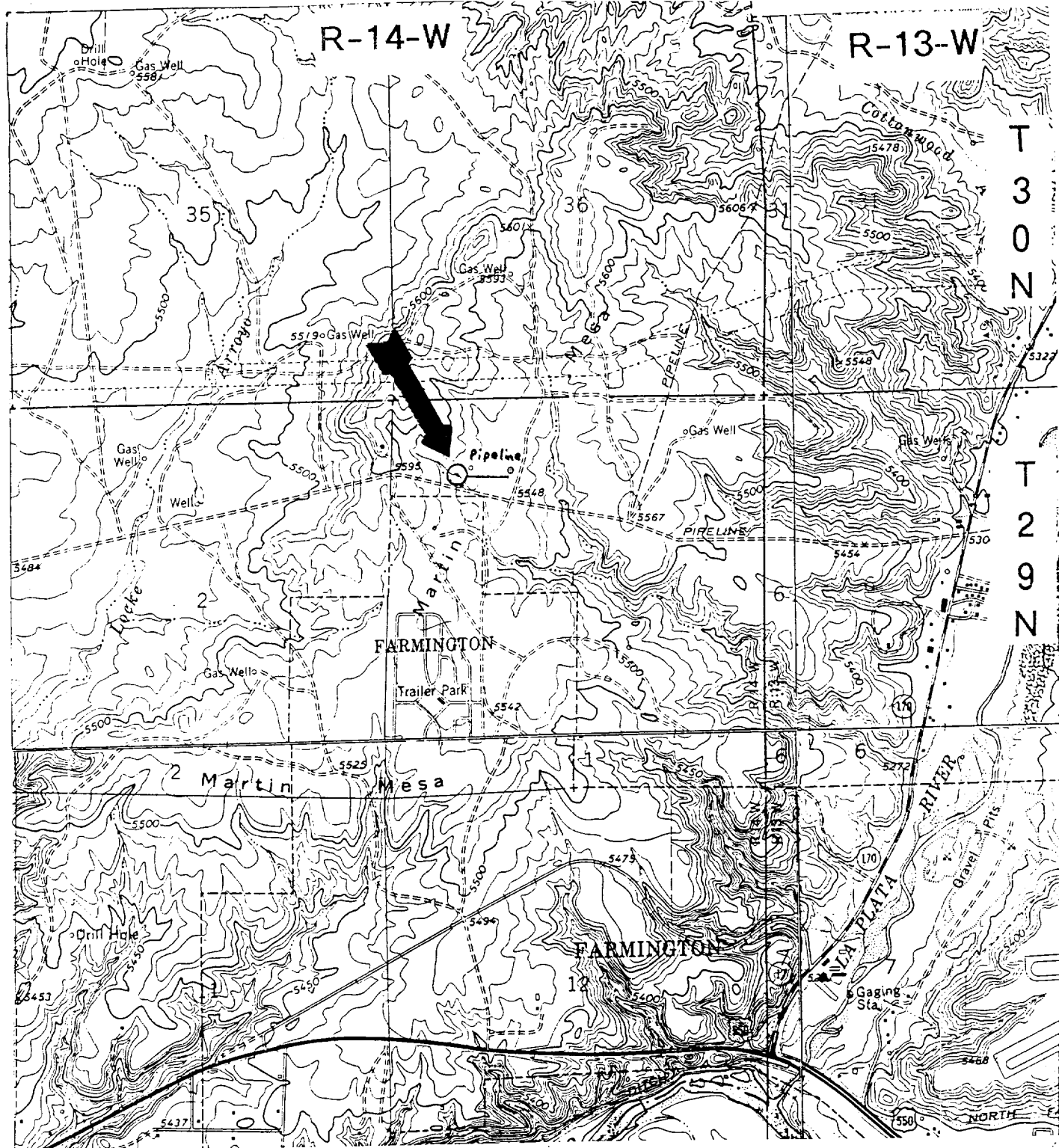




Form C-102  
Revised February 21, 1994  
Instructions on back  
Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

|                                                                                                                        |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE</p>                                                                 |                                                            | <p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Kurt Fagrellius</u><br/>Signature</p> <p><u>Kurt Fagrellius</u><br/>Printed Name</p> <p><u>Geologist</u><br/>Title</p> <p><u>March 12, 2001</u><br/>Date</p>                                                                                                                                                                          |  |
| <p>Lot 4<br/>38.25 ac</p> <p>1090'</p> <p>800'</p> <p>W</p> <p>N=36°45'35.47"<br/>W=108°16'00.09"</p> <p>SECTION 1</p> | <p>Dugan Prod.<br/>SF-078110</p> <p>Lot 3<br/>38.75 ac</p> | <p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p><u>JANUARY 19, 2001</u><br/>Date of Survey</p> <p>Signature and Seal of Surveyor:<br/>  </p> <p><u>N.M. Professional Surveyor</u><br/>Certificate No.</p> |  |



# Existing Roads

## Exhibit E

Vicinity of nearest town or reference pt.  
Approx. 2 mi. W of Hwy 170 & Twin Mounds Bypass;

Type of surface dirt

Conditions good

Other \_\_\_\_\_

Reference map: USGS map - Youngs Lake Quad., Kirtland

DUGAN PRODUCTION CORP. - FEDERAL I #4R

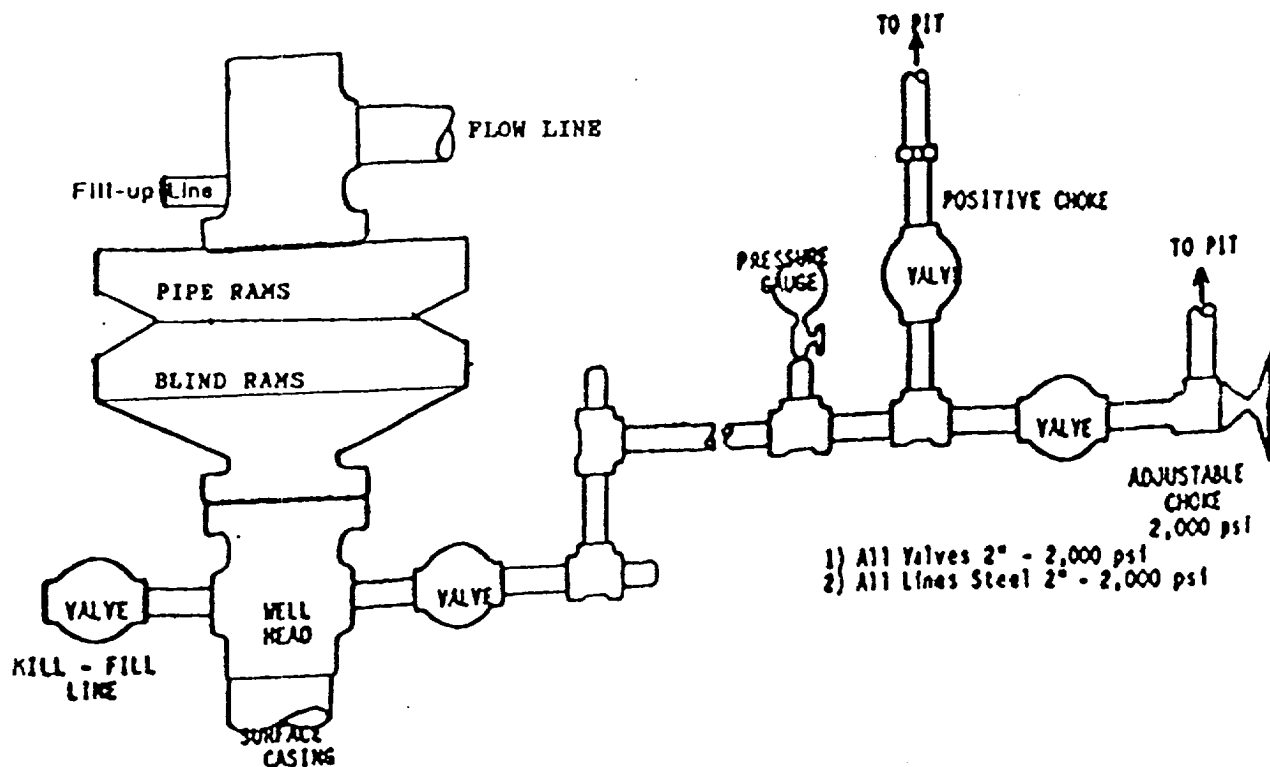
# Planned Access Road(s)

## Exhibit E

Width \_\_\_\_\_ Maximum grades \_\_\_\_\_  
Drainage design as required  
Cuts & Fills as required  
Surfacing material none  
Turnouts \_\_\_\_\_ Waterbars \_\_\_\_\_  
Culverts \_\_\_\_\_  
Gates \_\_\_\_\_  
Cattleguards \_\_\_\_\_ Access Road & Pipeline \_\_\_\_\_  
Fence cuts \_\_\_\_\_

Access road(s) (do) do not cross (Fed) Ind land.

# B.O.P. WITH CHOKE MANIFOLD



BOP and Related Equipment will include for a 2000 psi system:

## 2000 PSI DOUBLE RAM BLOWOUT PREVENTER

Kill line (2" minimum)

1 kill line valve (2" minimum)

1 choke line valve

2 chokes

Upper kelly cock valve with handle available

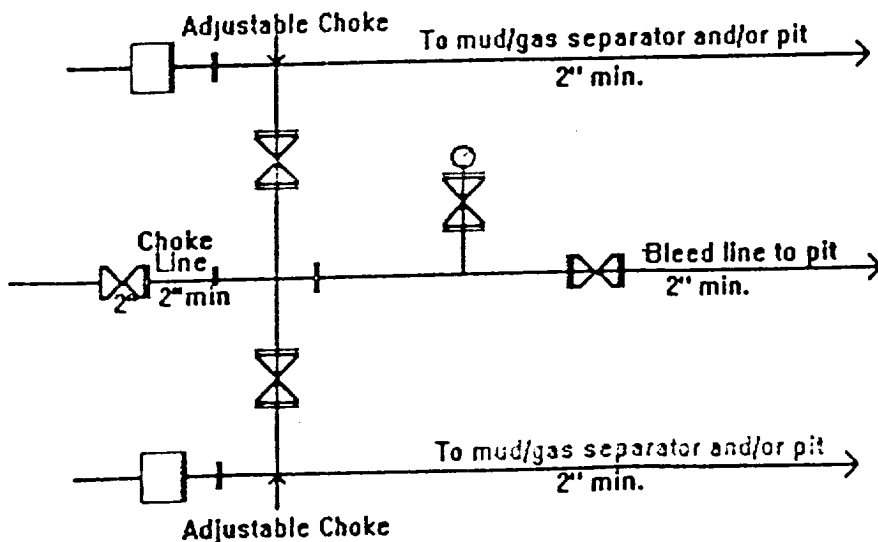
Safety valve and subs to fit all drill string connections in use

Pressure gauge on choke manifold

2" minimum choke line

Fill-up line above the uppermost preventer

BOP equipment will be tested as required in Section III A.1 of Onshore Order 2, plus a 30% safety factor.



2M Choke Manifold Equipment - Configuration May Vary

DUGAN PRODUCTION CORP.  
FEDERAL I #4R  
EXHIBIT D