

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. TYPE OF WELL GAS		5. LEASE NUMBER NM-013688	
2. OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALL. OR TRIBE NAME	
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL 1180'S 970'W		8. FARM OR LEASE NAME ATLANTIC B COM	
		9. WELL NO. 205	
		10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	
		11. SEC. T. R. M OR BLK. SEC. 23 T31N R10W NMPM	
14. PERMIT NO.	15. ELEVATIONS 6377'GL	12. COUNTY SAN JUAN	13. STATE NM
16. NOTICE OF INTENTION TO: Change Plans			
17. Describe proposed or completed operations			

Attached is a revised operations plan, BOPE diagram and anticipated production facilities diagram on the subject well.

**RECEIVED**

APR 03 1990

OIL CON. DIV.  
DIST. 3

18. AUTHORIZED BY:

*[Signature]*  
REGULATORY AFFAIRS

*9/9/89*  
DATE

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-5.

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(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITION OF APPROVAL, IF ANY: \_\_\_\_\_

<b>APPROVED</b>
MAR 30 1990
DATE
AREA MANAGER FARMINGTON RESOURCE AREA

Well Name: 205 ATLANTIC B COM 1180'S 970'W  
 Sec. 23 T31N R10W SAN JUAN NEW MEXICO  
 BASIN FRUITLAND COAL Elevation 6377'GL

## Formation tops: Surface- NACIMIENTO

Ojo Alamo- 1610  
 Kirtland- 1700  
 Fruitland- 2827  
 Fruitland Coal Top- 2920  
 Fruitland Coal Base- 3147  
 Total Depth- 3147  
 Pictured Cliffs- 3153

Logging Program: Mud logs from 2827 to total depth.

Mud Program:	Interval	Type	Spud	Weight	Visc.	F1. Loss
	0 - 200			8.4 - 8.9	40-50	no control
	200 - 3147	Non-dispersed		8.4 - 9.5	30-60	no control

Casing Program:	Hole Size	Depth	Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200		8 5/8"	24.0#	K-40
	7 7/8"	0 - 3147		5 1/2"	15.5#	K-55
		0 - 3147		2 3/8"	4.7#	J-55

Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.

5 1/2" production casing - float shoe on bottom.  
 Three centralizers run every other joint above shoe.

Wellhead Equipment: 8 5/8" x 5 1/2" x 2 3/8" x 11" 3000 psi xmas tree assembly.

Cementing:  
 8 5/8" surface casing - cement with 140 sacks of class "B" cement with 1/4# floccle/sack and 3% calcium chloride (165 cu ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

5 1/2" production casing - lead with 215 sacks of 65/35 class "B" poz with 6% gel, 2% calcium chloride and 1/2 cu.ft. perite/sack (10.3 gallons of water/sack) tail with 100 sacks of class "B" with 2% calcium chloride. 533 cu ft. of slurry, 100% excess to cover the Ojo Alamo. Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1500 psi for 30 minutes.

## BOP and Tests:

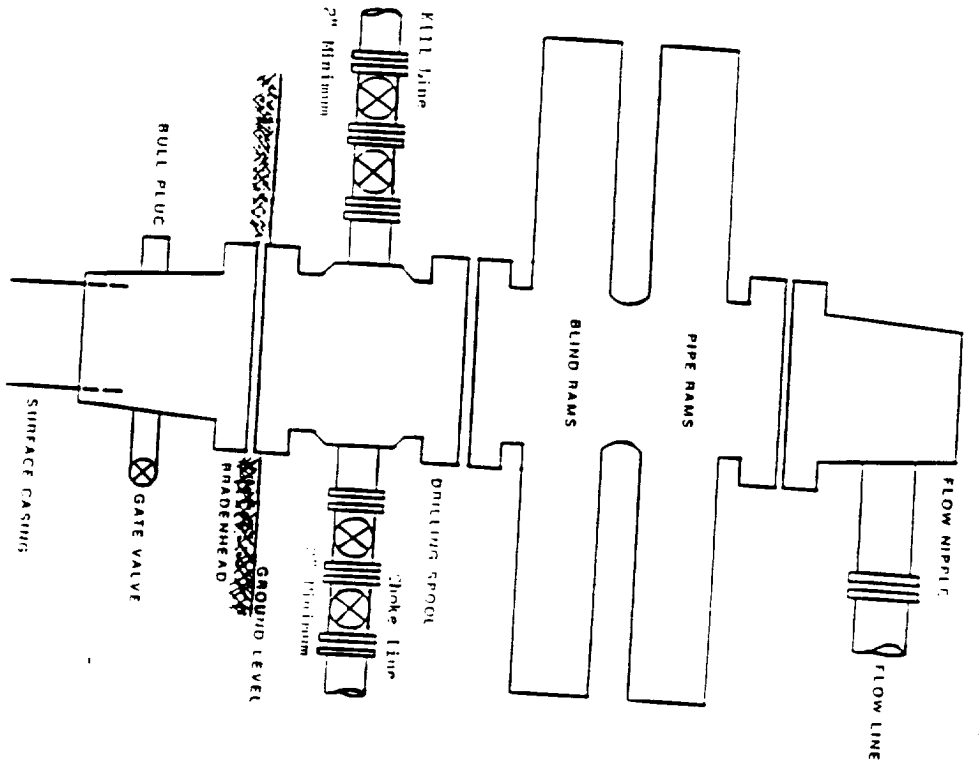
Surface to TD - 11" 2000 psi (minimum) double gate BOP stack  
From surface to TD - choke manifold (Reference Figure #3).

Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. A Kelly cock valve and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

## Addition Information:

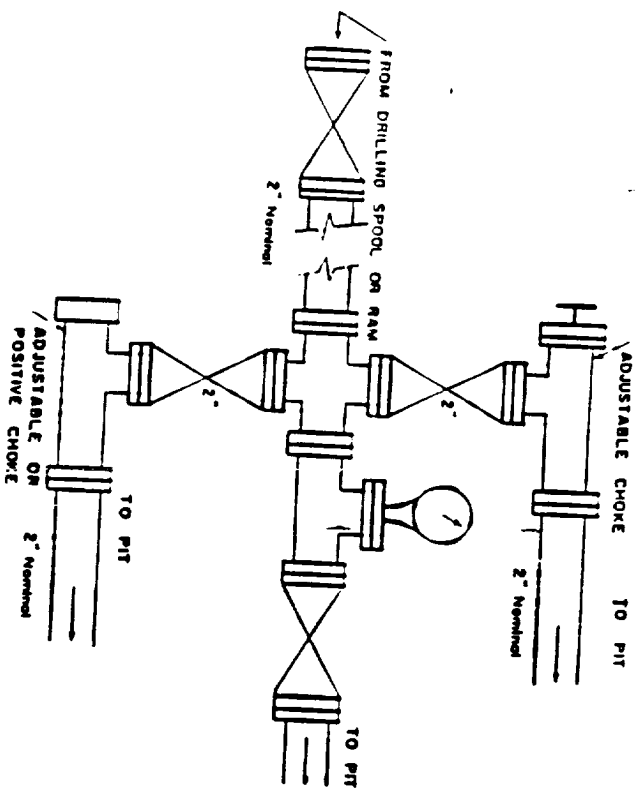
The Fruitland coal formation will be completed.  
This gas is dedicated.  
The <sup>W/2</sup> of Section 23 is dedicated to this well.

FIGURE #1



Minimum POE Installation for a typical Fruitland Coal well from surface to Total Depth. 11", 2000 psi working pressure double gate not equipped with blind and pipe rams.

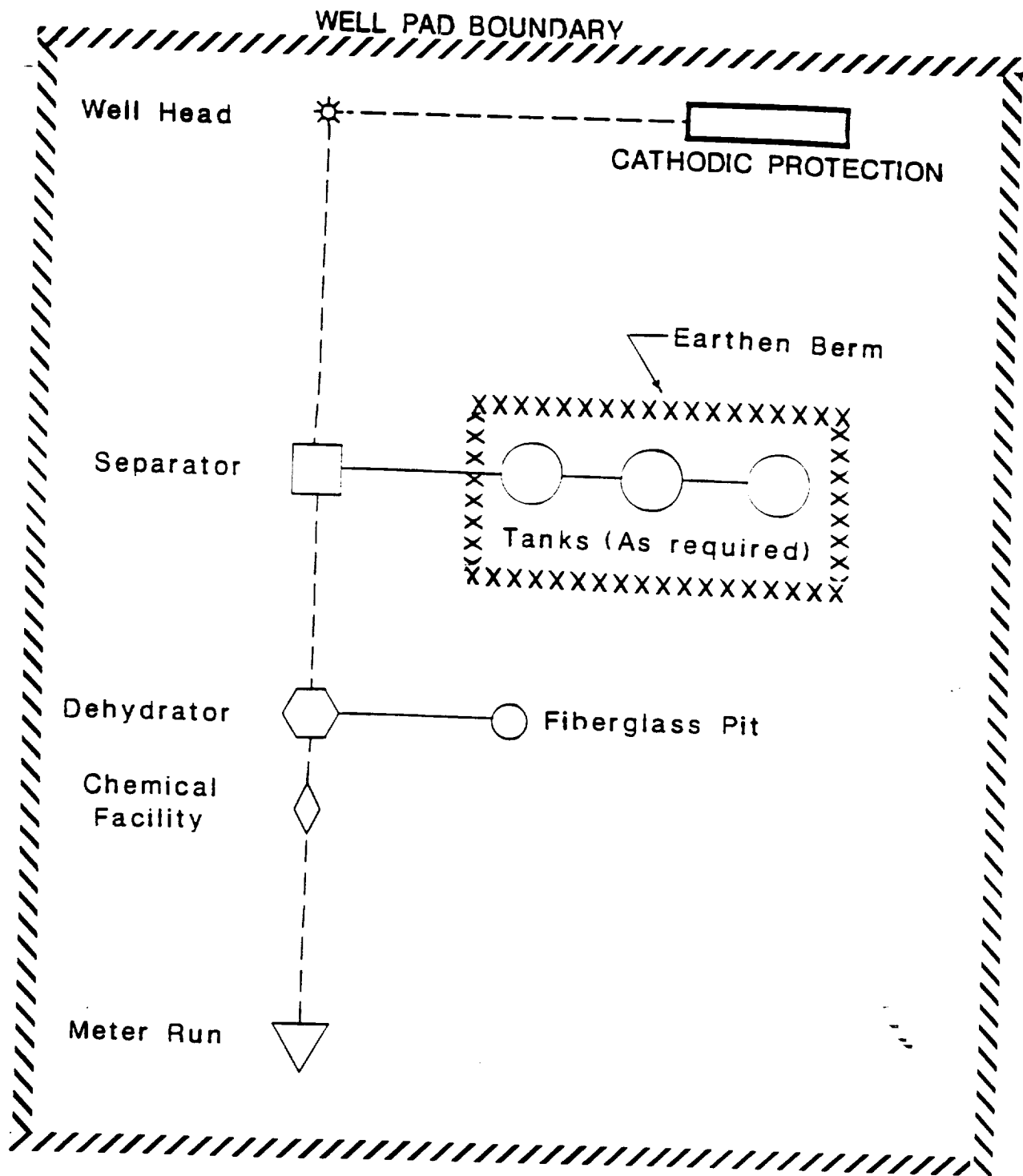
FIGURE #3



Minimum choke manifold configuration for a typical Fruitland Coal well from surface to TD. 2", 2000 psi working pressure equipment with two chokes.

LONG SPRING FCW BORE

UP04220 9/8/81



**MERIDIAN OIL**

**ANTICIPATED  
PRODUCTION FACILITIES  
FOR A  
FRUITLAND WELL**

J. Falconi

4/28/89