

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. TYPE OF WELL GAS		5. LEASE NUMBER SF-047039B	
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 1450'S 1670'W		8. FARM OR LEASE NAME DAY	
		9. WELL NO. 505	
		10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	
		11. SEC. T. R. M OR BLK. SEC. 17 T28N R10W NMPM	
14. PERMIT NO.	15. ELEVATIONS 5940'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.

18. AUTHORIZED BY:

Boyle  
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 \_\_\_\_\_  
CONDITION OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

NMCCD

APPROVED
MAR 23 1990
DATE
for AREA MANAGER FARMINGTON RESOURCE AREA

Well Name: 505 DAY  
 Sec. 17 T28N R10W  
 BASIN FRUITLAND COAL

1450'S 1670'W  
 SAN JUAN NEW MEXICO  
 Elevation 5940'GL

Formation tops: Surface- NACIMIENTO  
 Ojo Alamo- 892  
 Kirtland- 1036  
 Fruitland- 1711  
 Fruitland Coal Top- 1845  
 Fruitland Coal Base- 2010  
 Total Depth- 2011  
 Pictured Cliffs- 2012

Logging Program: Mud logs from 1711 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 2011	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 - 2011	5 1/2"	15.5#	K-55
Tubing Program:		0 - 2011	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# flocele/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 140 sacks of 65/35 class "B" poz with 6% gel, 2% calcium chloride and 1/2 cu.ft. Perlite/sack (10.3 gallons of water/sack) tail with 100 sacks of class "B" with 2% calcium chloride. 388 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:

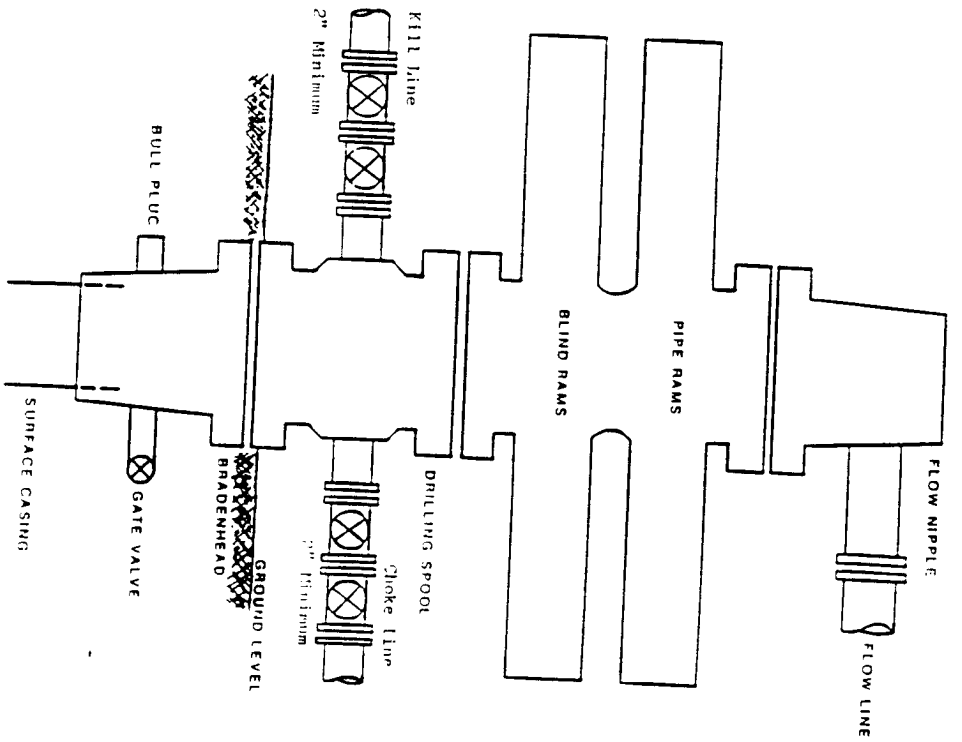
The Fruitland coal formation will be completed.

This gas is dedicated.

The S/2 of Section 17 is dedicated to this well.

LONG STRING FOOTLAND COAL

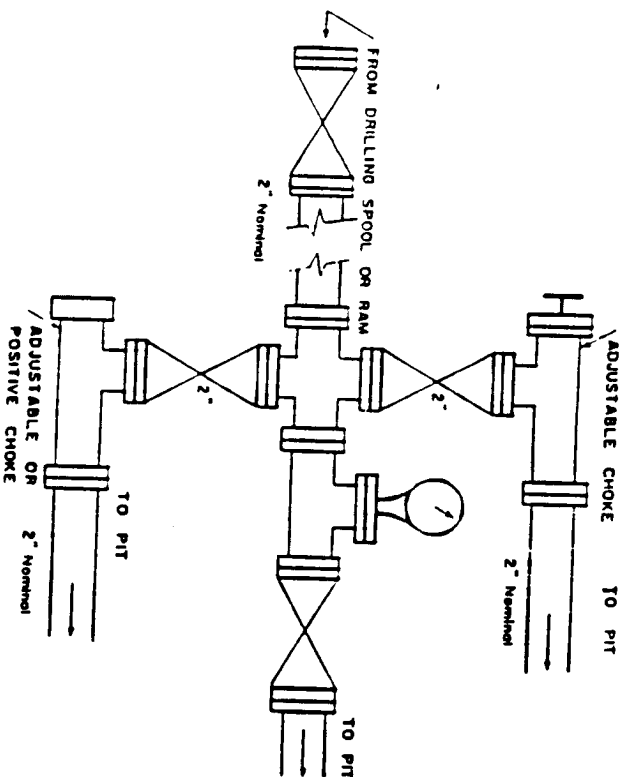
FIGURE #1



Minimum POPE Installation for a typical Fruitland Coal well from surface to Total Depth. 11", 2000 psi working pressure double gate BOT equipped with blind and pipe rams.

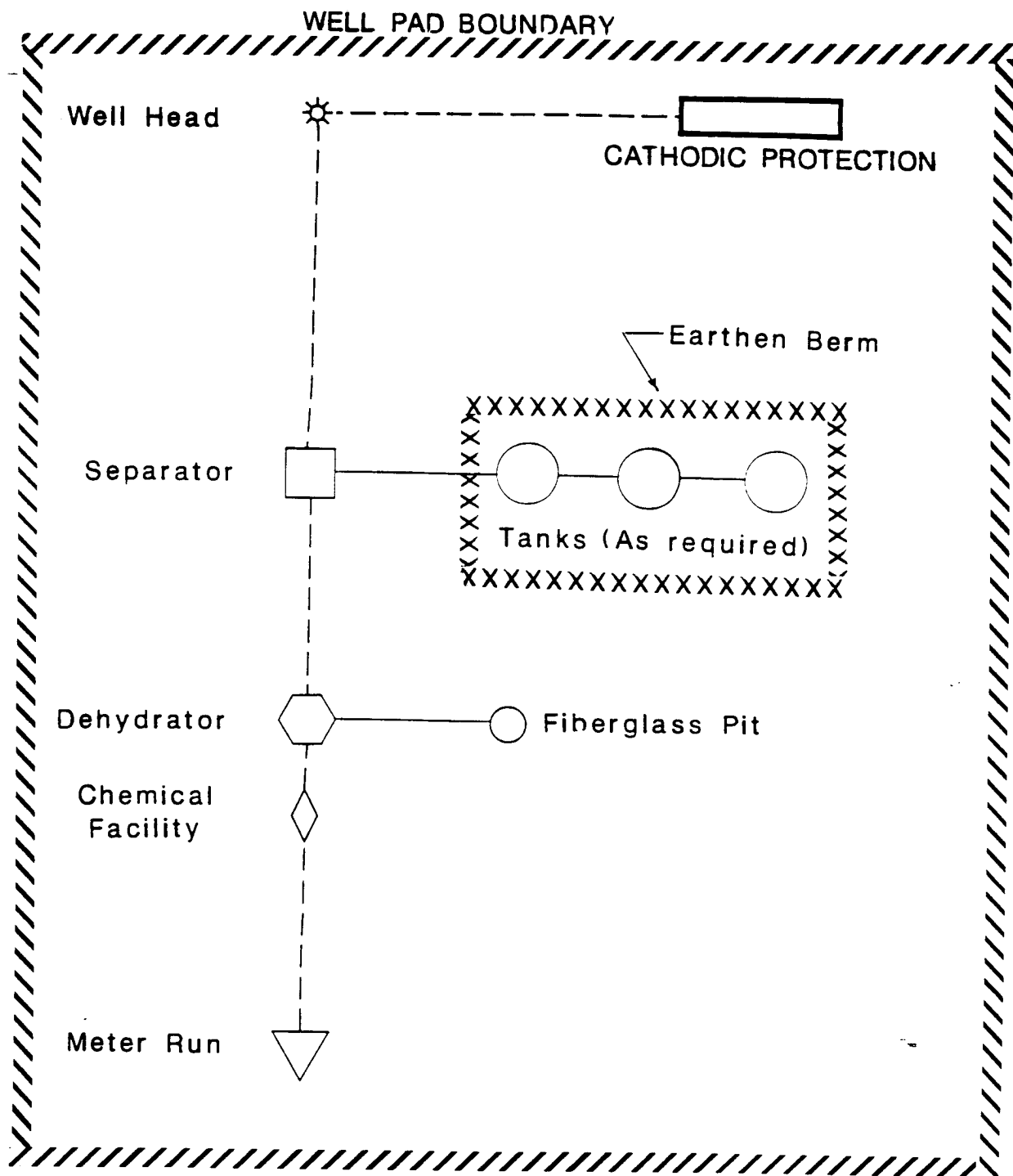
LONG STRING FOOTLAND COAL

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 STRING FCCW ROPE  
UPDATING 9/8/81



**MERIDIAN OIL**

ANTICIPATED  
PRODUCTION FACILITIES  
FOR A  
FRUITLAND WELL

J. Falconi

4/28/89