

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-078764	
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 ROSA UNIT	
4. LOCATION OF WELL 1720'S 990'W		8. FARM OR LEASE NAME ROSA UNIT	
		9. WELL NO. 233	
		10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	
		11. SEC. T. R. M OR BLK. SEC. 30 T31N R05W NMPM	
14. PERMIT NO.	15. ELEVATIONS 6400'GL	12. COUNTY RIO ARRIBA	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: _____

APPROVED
APR 20 1990
DATE Ken Townsend
FOR _____

Well Name: 233 ROSA UNIT 1720'S 990'W
 Sec. 30 T31N R05W RIO ARRIBA NEW MEXICO
 BASIN FRUITLAND COAL Elevation 6400'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 2530
 Kirtland- 2640
 Fruitland- 3090
 Fruitland Coal Top- 3095
 Fruitland Coal Base- 3237
 Intermediate TD- 3075
 Total Depth- 3290
 Pictured Cliffs- 3250

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	F1. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3075	Non-dispersed	8.4 - 9.1	30-60	no control
	3075 - 3290	Formation Water	8.4		no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	9 5/8"	32.3#	H-40
	8 3/4"	0 - 3075	7"	20.0#	K-55
	6 1/4"	3025 - 3290	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3290	2 7/8"	6.5#	J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe.

7" intermediate casing - guide shoe and self-fill insert float valve. Three centralizers run every other joint above shoe. Run insert float one joint above the guide shoe.

5 1/2" production casing - float shoe on bottom and a pre-drilled liner run to the 7" casing with a minimum 50' overlap. Liner hanger is a double slip grip type.

Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing - cement with 106 sacks of class "B" cement with 1/4# floccle/sack and 3% calcium chloride (125 cu ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 24 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. 164 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.

5 1/2" liner - do not cement.

BOP and Tests:

Surface to Intermediate TD - 11" 2000 psi(minimum) double gate BOP stack (Reference Figure #1). Prior to drilling out surface casing, test rams to 600 psi for 30 minutes.

Intermediate TD to TD - 7 1/16" 2000 psi(minimum) double gate BOP stack (Reference Figure #2). Prior to drilling out intermediate casing, test rams to 1500 psi(minimum) for 30 minutes.

From surface to TD - choke manifold (Reference Figure #3).

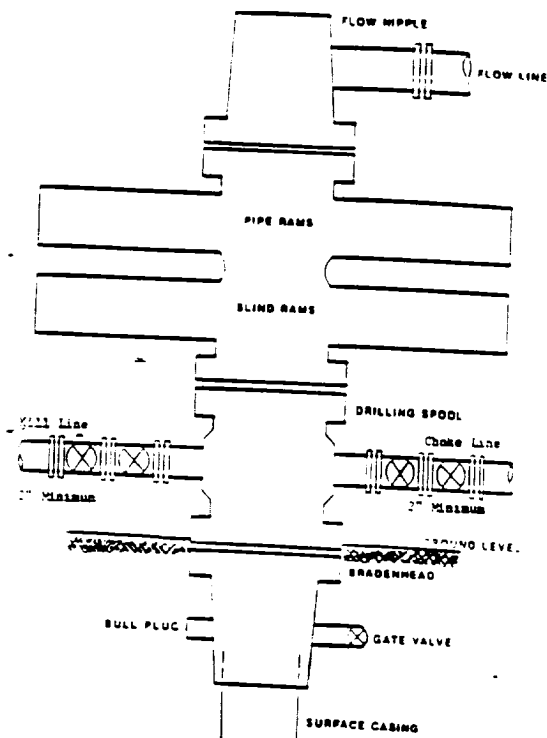
Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. A kelly cock valve and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Addition Information:

The Fruitland coal formation will be completed.
This gas is dedicated.
The S/2 of Section 30 is dedicated to this well.

TOP SET FRUITLAND COAL

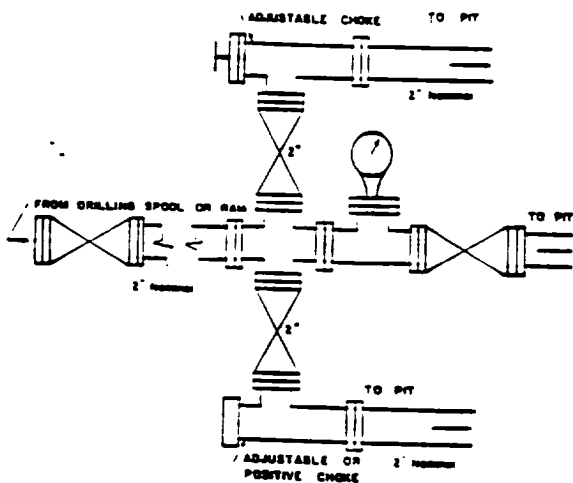
FIGURE #1



Minimum BOPE installation for a typical Fruitland Coal well from surface to intermediate TD. 150,000 psi working pressure double gate BOP equipped with blind and side rams.

TOP SET FRUITLAND COAL

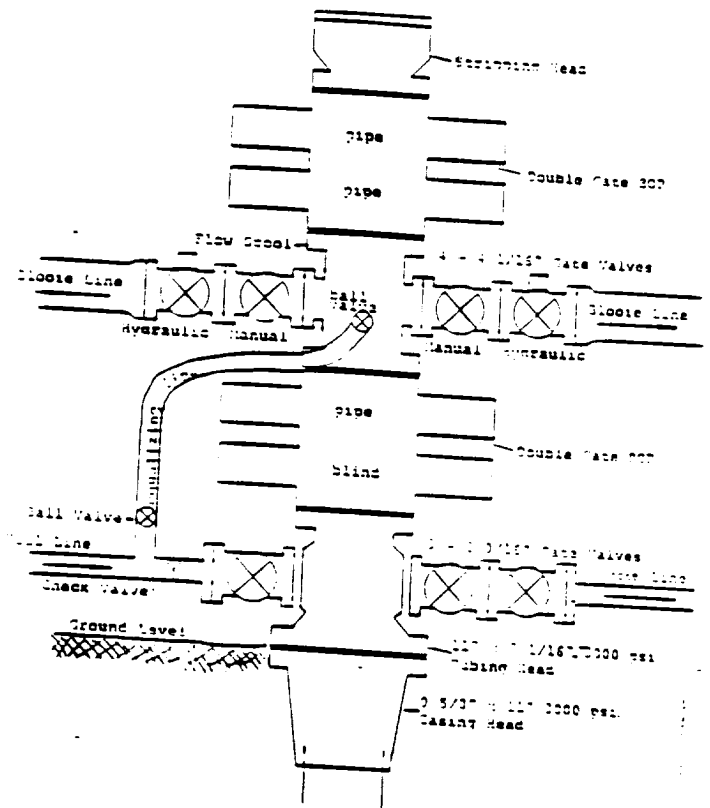
FIGURE #2



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

TOP SET FRUITLAND COAL

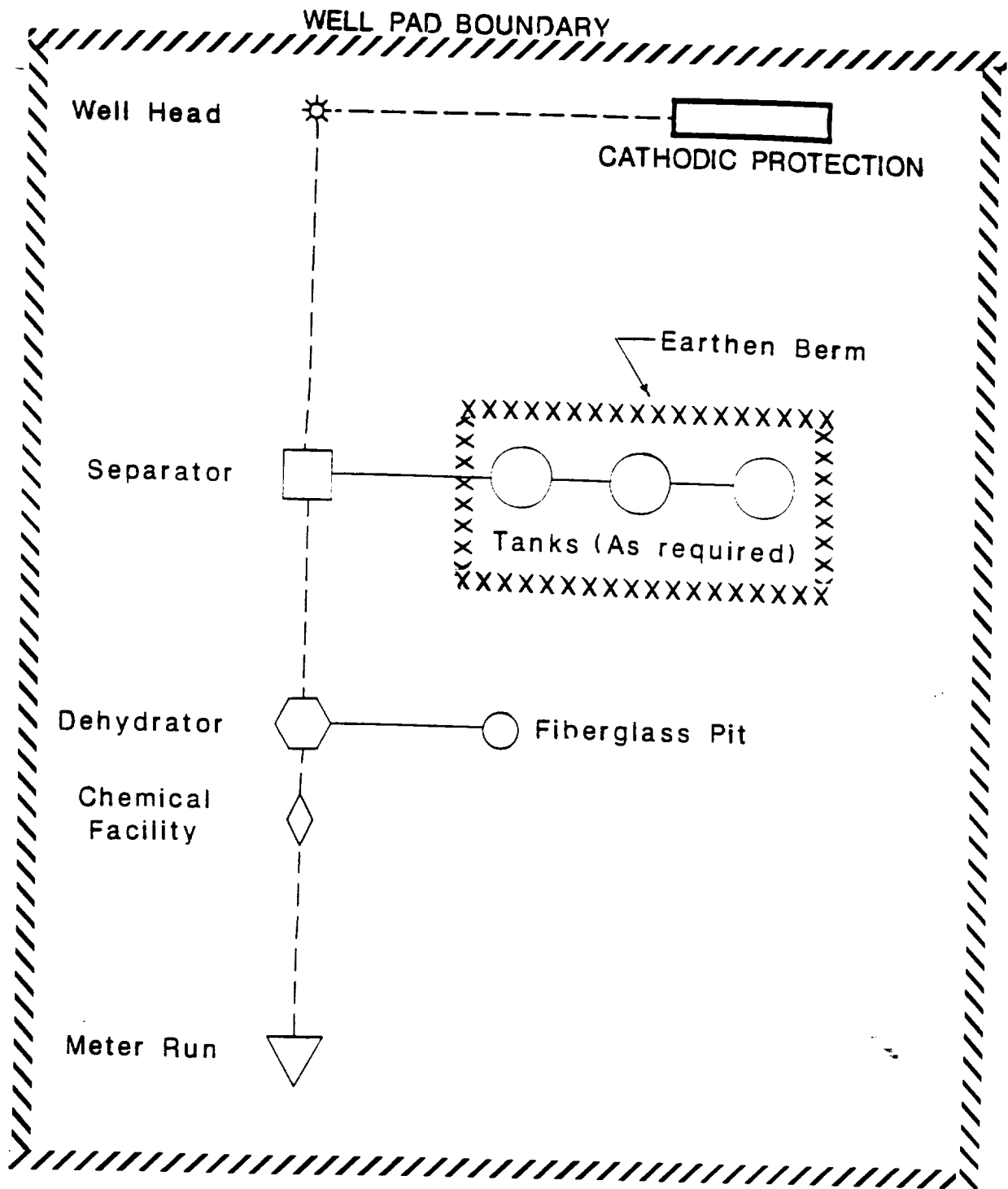
FIGURE #2



Minimum BOPE installation for a typical Fruitland Coal well from intermediate TD to TD. 6", 2000 psi working pressure double gate BOP equipped with three side and one blind ram.

TOP SET FRUITLAND
COAL WELL BOPE.

UPDATED
9/8/89



MERIDIAN OIL

ANTICIPATED
PRODUCTION FACILITIES
FOR A
FRUITLAND WELL

J. Falconi

4/28/89