

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-02151-B
2. OPERATOR <i>Meridian</i> EL PASO NATURAL GAS CO.		6. IF INDIAN, ALL. OR TRIBE NAME
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499		7. UNIT AGREEMENT NAME SAN JUAN 30-6 UNIT
4. LOCATION OF WELL 1450'S 1460'W		8. FARM OR LEASE NAME SAN JUAN 30-6 UNIT
14. PERMIT NO.	15. ELEVATIONS 6301'GL	9. WELL NO. 424
		10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
		11. SEC. T. R. M OR BLK. SEC. 33 T30N R07W NMPM
		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.

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITION OF APPROVAL, IF ANY:

APPROVED
DATE <u>MAR 26 1990</u>
FOR <u>Ken Townsend</u>
FARMINGTON DISTRICT OFFICE

Well Name: 424 SAN JUAN 30-6 UNIT 1450'S 1460'W
 Sec. 33 T30N R07W RIO ARRIBA NEW MEXICO
 BASIN FRUITLAND COAL Elevation 6301'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2108
 Kirtland- 2335
 Fruitland- 2908
 Fruitland Coal Top- 3025
 Fruitland Coal Base- 3121
 Intermediate TD- 3005
 Total Depth- 3140
 Pictured Cliffs- 3164

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight Spud	Weight Non-dispersed	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	8.4 - 9.1	40-50	no control
	200 - 3005	Non-dispersed	8.4 - 9.1	8.4 - 9.1	30-60	no control
	3005 - 3140	Formation Water	8.4			no control

Casing Program:	Hole Size	Depth	Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	0 - 200	9 5/8"	32.3#	H-40
	8 3/4"	0 - 3005	0 - 3005	7"	20.0#	K-55
	6 1/4"	2955 - 3140	2955 - 3140	5 1/2"	15.5#	K-55
		0 - 3140	0 - 3140	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# floccule/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 79 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. 270 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).

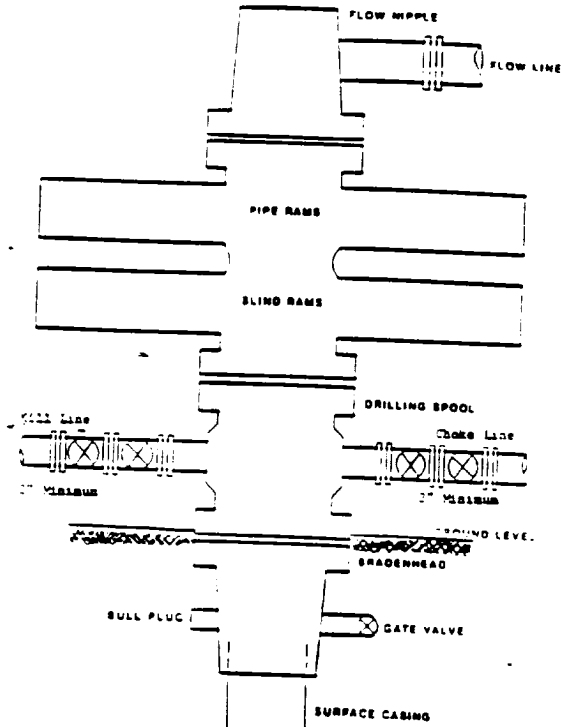
Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. A Kelly cock valve and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Addition Information:

The Fruitland coal formation will be completed.
This gas is dedicated.
The *W/2* of Section 33 is dedicated to this well.

TOP SET FRUITLAND COAL

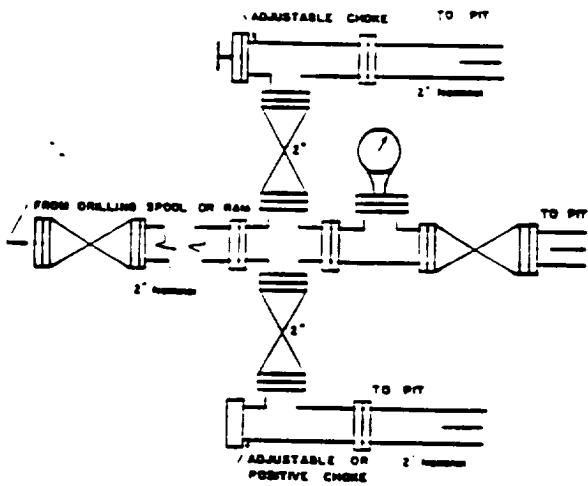
FIGURE #1



Minimum BOPE installation for a typical Fruitland Coal well from surface to intermediate TD. 11", 2000 psi working pressure double gate BOP equipped with blind and pipe rams.

TOP SET FRUITLAND COAL

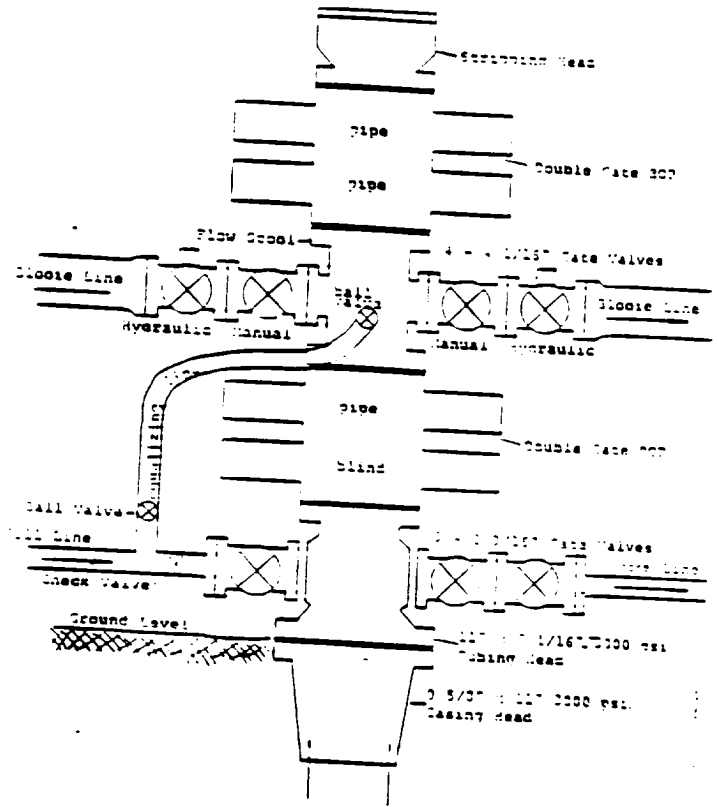
FIGURE #2



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

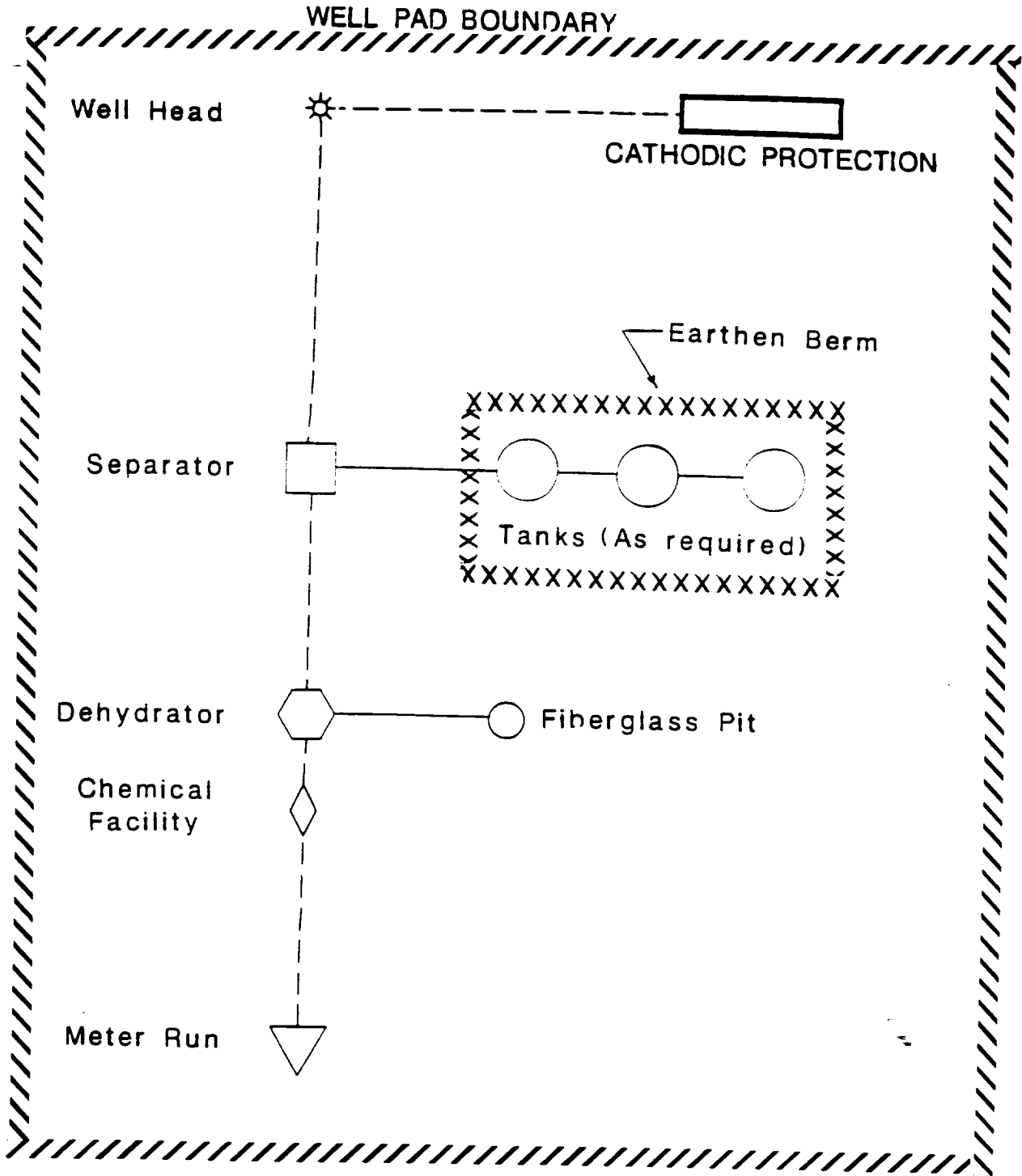
FIGURE #2



Minimum BOPE installation for a typical Fruitland Coal well from intermediate TD to TD. 6", 2000 psi working pressure double stack double gate BOP equipped with three pipe 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