

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-078771	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC.		7. UNIT AGREEMENT NAME ROSA UNIT	8. FARM OR LEASE NAME ROSA UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499		9. WELL NO. 213	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
4. LOCATION OF WELL 1020'N 1535'E		11. SEC. T. R. M OR BLK. SEC. 23 T31N R06W NMPM	
14. PERMIT NO.	15. ELEVATIONS 6285'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.

18. AUTHORIZED BY:

REGULATORY AFFAIRS

RECEIVED

DEC 07 1989

OIL CON. DIV
DIST. 3

91 9189
DATE

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

(This space for Federal or State office use)

APPROVED BY
CONDITION OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD
DATE

DEC 05 1989

FARMINGTON RESOURCE AREA

BY K/V

Well Name: 213 ROSA UNIT 1020'N 1535'E
 Sec. 23 T31N R06W RIO ARRIBA NEW MEXICO
 BASIN FRUITLAND COAL Elevation 6285'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 2356
 Kirtland- 2474
 Fruitland- 2956
 Fruitland Coal Top- 2964
 Fruitland Coal Base- 3115
 Intermediate TD- 2944
 Total Depth- 3115
 Pictured Cliffs- 3116

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Spud	Weight	Visc.	F1. Loss
	0 - 200			8.4 - 8.9	40-50	no control
	200 - 2944	Non-dispersed		8.4 - 9.1	30-60	no control
	2944 - 3115	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 - 2944		7"	20.0#	K-55
	6 1/4"	2894 - 3115		5 1/2"	15.5#	K-55
Tubing Program:		0 - 3115		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 30 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. 177 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.

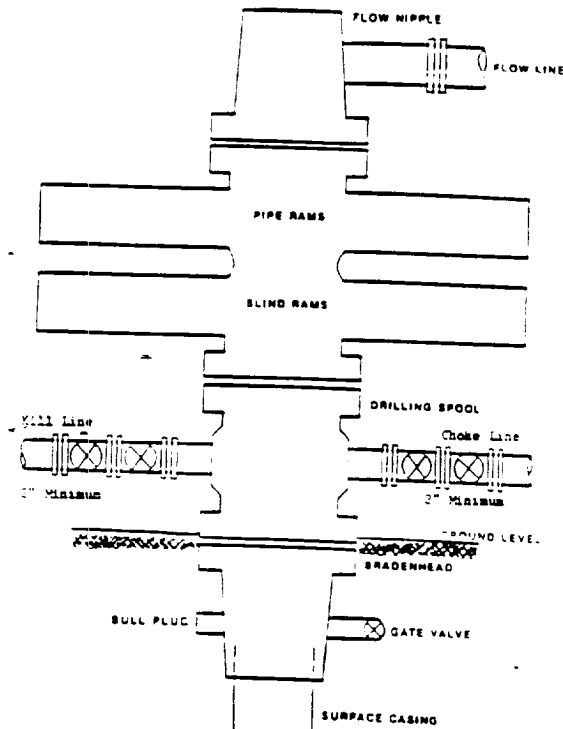
Addition Information:

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

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TOP SET FRUITLAND COAL

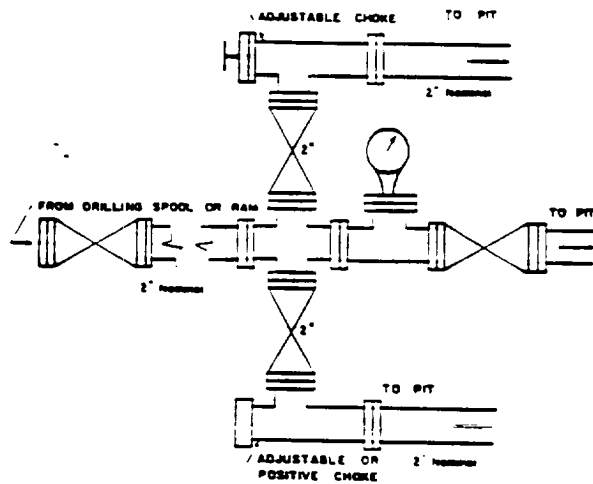
FIGURE #1



Minimum BOPE installation for a typical Fruitland Coal well from surface to intermediate TD. 117, 2000 psi working pressure double gate BOP equipped with blind and pipe rams.

TOP SET FRUITLAND COAL

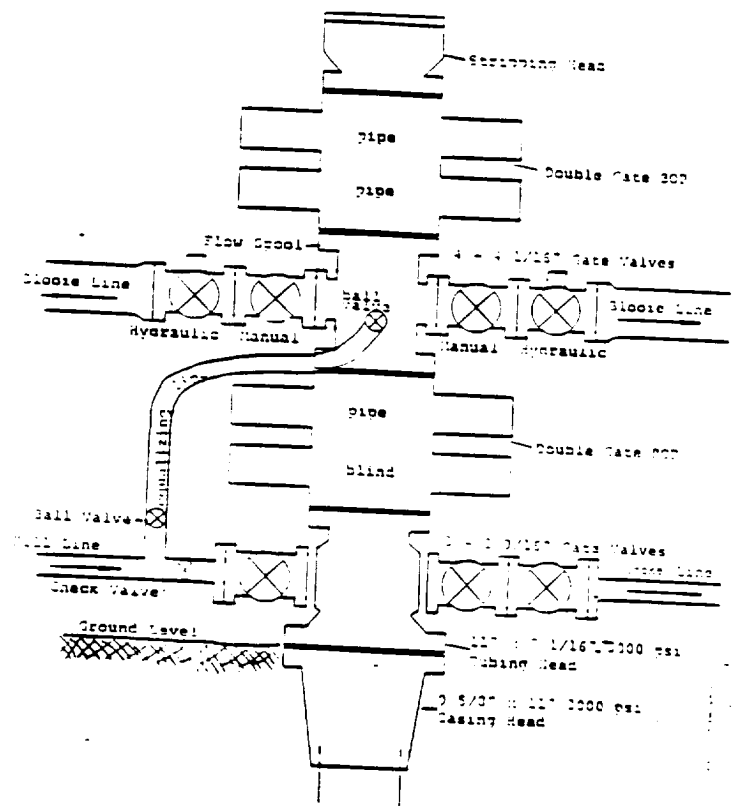
FIGURE #2



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

9/8/82

RECEIVED

11-11-82

W. J. M.

4-11-82