

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-078604
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 915'S 1180'W	8. FARM OR LEASE NAME SCOTT COM
	9. WELL NO. 104
	10. FIELD, POOL, OR WILDCAT CEDAR H FRUITLAND COAL
	11. SEC. T. R. M OR BLK. SEC. 4 T31N R10W NMPM
14. PERMIT NO.	12. COUNTY SAN JUAN
15. ELEVATIONS 5959'GL	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: *Ad Ze*
REGULATORY AFFAIRS

RECEIVED

OCT 16 1989

OIL CON. DIV.
DIST. 3

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

OCT 12 1989

DATE

AREA MANAGER
FARMINGTON RESOURCE AREA

Well Name: 104 SCOTT COM 915'S 1180'W
 Sec. 4 T31N R10W SAN JUAN NEW MEXICO
 CEDAR H FRUITLAND COAL Elevation 5959'GL

Formation tops: Surface- NACIMIENTO

Ojo Alamo- 1080
 Kirtland- 1130
 Fruitland- 2355
 Fruitland Coal Top- 2503
 Fruitland Coal Base- 2749
 Intermediate TD- 2485
 Total Depth- 2750
 Pictured Cliffs- 2756

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Spud	Weight	Visc.	Fl. Loss
	0 - 200			8.4 - 8.9	40-50	no control
	200 - 2485	Non-dispersed		8.4 - 9.1	30-60	no control
	2485 - 2750	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 - 2485		7"	20.0#	K-55
	6 1/4"	2435 - 2750		5 1/2"	15.5#	K-55
Tubing Program:		0 - 2750		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 158 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. 422 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:

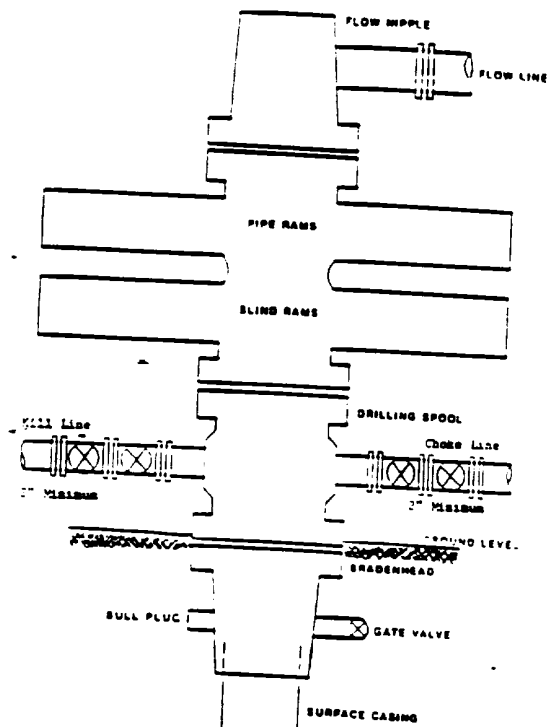
The Fruitland coal formation will be completed.

This gas is dedicated.

The 5/2 of Section 4 is dedicated to this well.

TOP SET FRUITLAND COAL

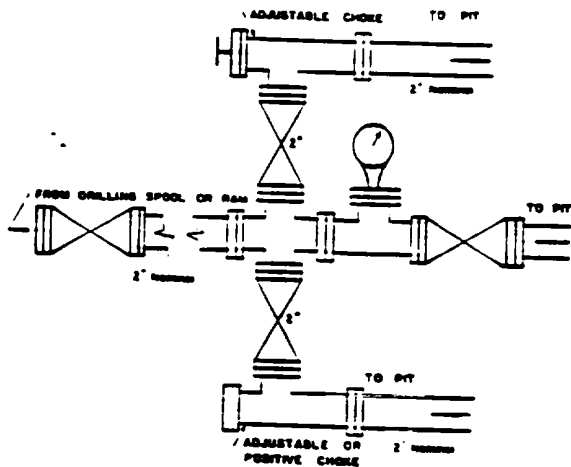
FIGURE #1



Minimum SOPE installation for a typical Fruitland Coal well from surface to intermediate CD. 12", 2000 psi working pressure double gate SOP equipped with blind and pipe rams.

TOP SET FRUITLAND COAL

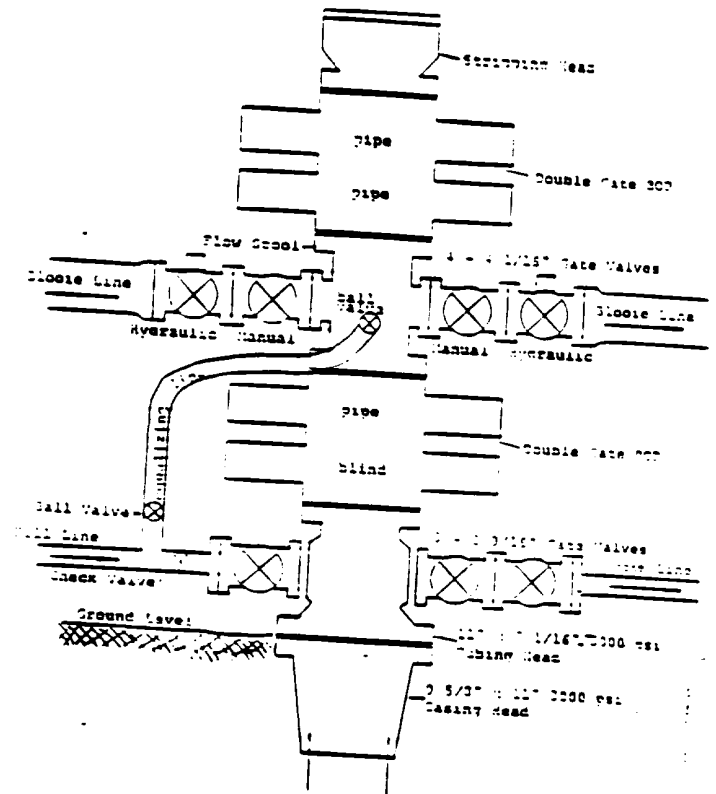
FIGURE #3



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

TOP SET FRUITLAND COAL

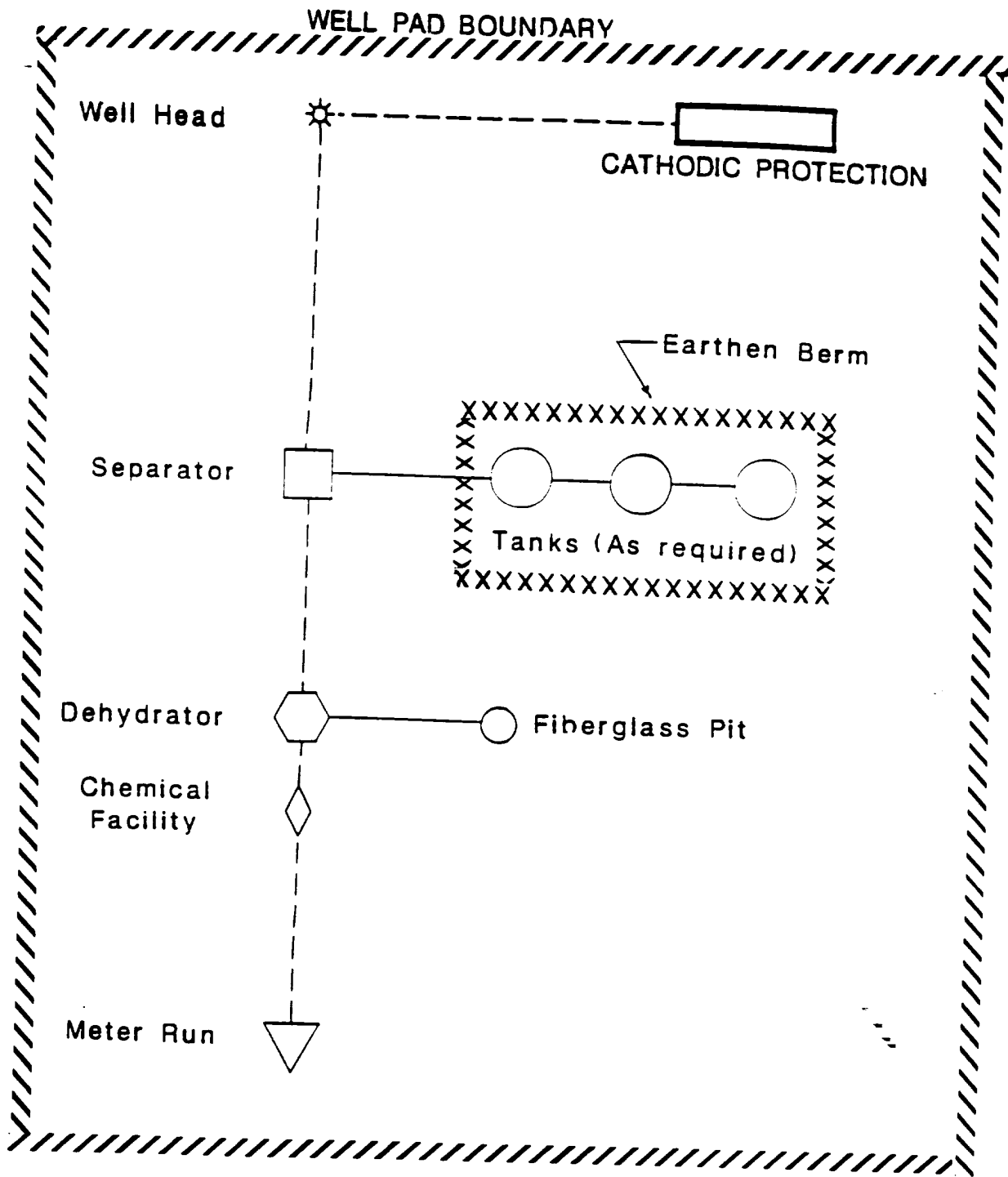
FIGURE #2



Minimum SOPE installation for a typical Fruitland Coal well from intermediate CD to CD. 6", 2000 psi working pressure double gate SOP 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