

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-077092C	
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 930'S 1490'W		8. FARM OR LEASE NAME LACKEY A COM	
		9. WELL NO. 291	
		10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	
		11. SEC. T. R. M OR BLK. SEC. 11 T29N R10W NMPM	
14. PERMIT NO.	15. ELEVATIONS 5753'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.

RECEIVED

MAR 26 1990

18. AUTHORIZED BY:

REGULATORY AFFAIRS

OIL CON. DIV.  
DIST. 3

9/9/89

DATE

APPROVED

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

MAR 12 1990

FOR THE DISTRICT MANAGER  
DATE

Well Name: 291 LACKEY A COM  
Sec. 11 T29N R10W  
BASIN FRUITLAND COAL

930'S 1490'W  
SAN JUAN NEW MEXICO  
Elevation 5753'GL

Formation tops: Surface- NACIMIENTO  
Ojo Alamo- 973  
Kirtland- 1095  
Fruitland- 1852  
Fruitland Coal Top- 2039  
Fruitland Coal Base- 2156  
Total Depth- 2157  
Pictured Cliffs- 2170

Logging Program: Mud logs from 1852 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 2157	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 - 2157	5 1/2"	15.5#	K-55
Tubing Program:		0 - 2157	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# flocculent/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 151 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. 410 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.

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SEP 11 1989  
OIL FIELD  
DIVISION

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:

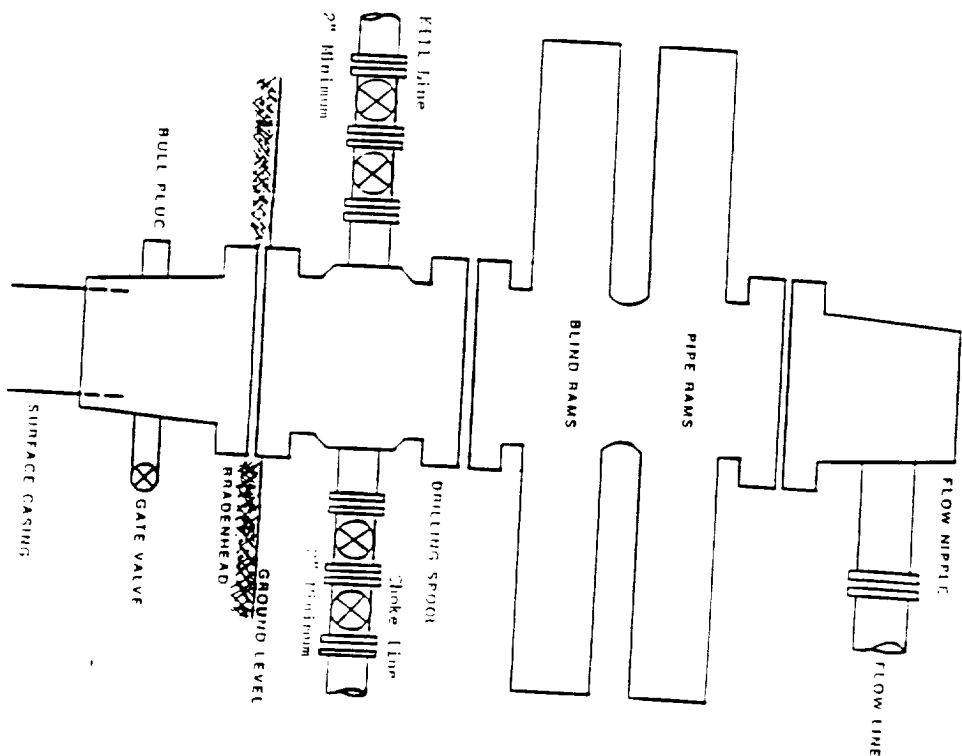
The Fruitland coal formation will be completed.

This gas is dedicated.

The S/2 of Section 11 is dedicated to this well.

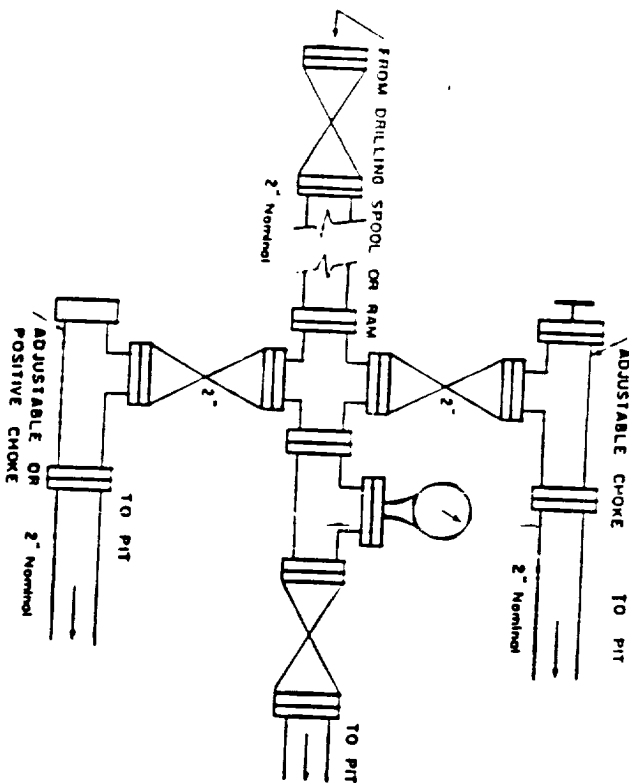
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OIL CON. DIV  
DIST. 3

FIGURE #1



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

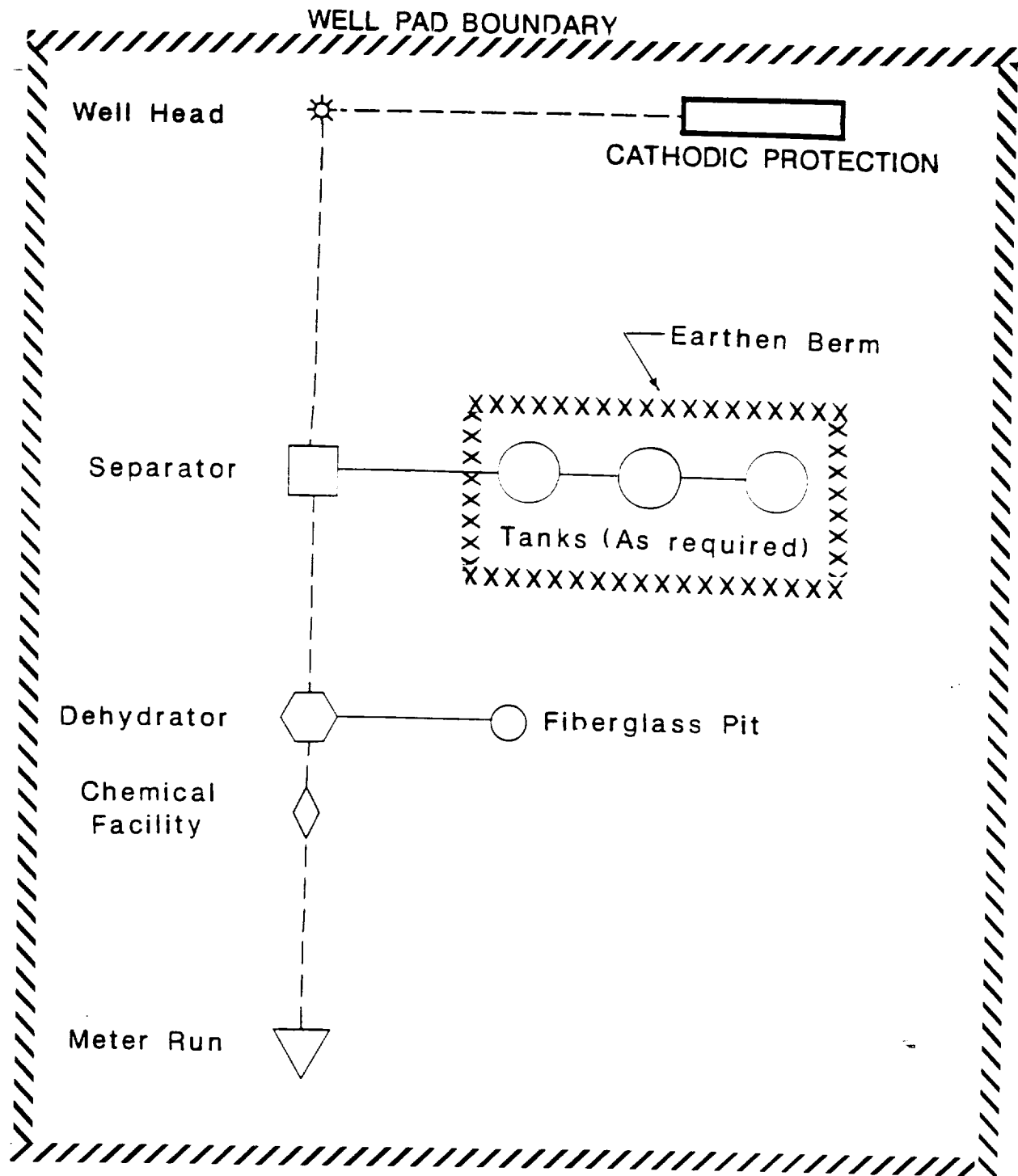
FIGURE #3



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 FCCU BOP

UP04210 9/8/81



**MERIDIAN OIL**

ANTICIPATED  
PRODUCTION FACILITIES  
FOR A  
FRUITLAND WELL

J. Falconi

4/28/89