

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-079514	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR <i>Revised</i> EL PASO NATURAL GAS CO.		7. UNIT AGREEMENT NAME SAN JUAN 29-7 UNIT	8. FARM OR LEASE NAME SAN JUAN 29-7 UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499		9. WELL NO. 514	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
4. LOCATION OF WELL 1190'S 1655'E		11. SEC. T. R. M OR BLK. SEC. 33 T29N R07W NMPM	
14. PERMIT NO.	15. ELEVATIONS 6230'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

18. AUTHORIZED BY:

Boze
REGULATORY AFFAIRS

JAN 08 1990

OIL CON. DIV.
DIST. 3

9/9/89
DATE

APPROVED

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 _____
CONDITION OF APPROVAL, IF ANY:

TITLE _____

JAN 02 1990
DATE *Ken Townsend*
FOR AREA MANAGER
FARMINGTON RESOURCE AREA

DEPT OF
ENERGY
OFFICE OF
OIL COAL
AND
ATOMICS

Well Name: 514 SAN JUAN 29-7 UNIT
 Sec. 33 T29N R07W
 BASIN FRUITLAND COAL

1190'S 1655'E
 RIO ARRIBA NEW MEXICO
 Elevation 6230'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2090
 Kirtland- 2180
 Fruitland- 2650
 Fruitland Coal Top- 2845
 Fruitland Coal Base- 2950
 Total Depth- 2952
 Pictured Cliffs- 2955

Logging Program: Mud logs from 2650 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 2952	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 - 2952	5 1/2"	15.5#	K-55
Tubing Program:		0 - 2952	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 assembl

Cementing:

8 5/8" surface casing - cement with 140 sacks of class "B" cement with 1/4# flocele/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 94 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. 299 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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 CH. CLIP

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:

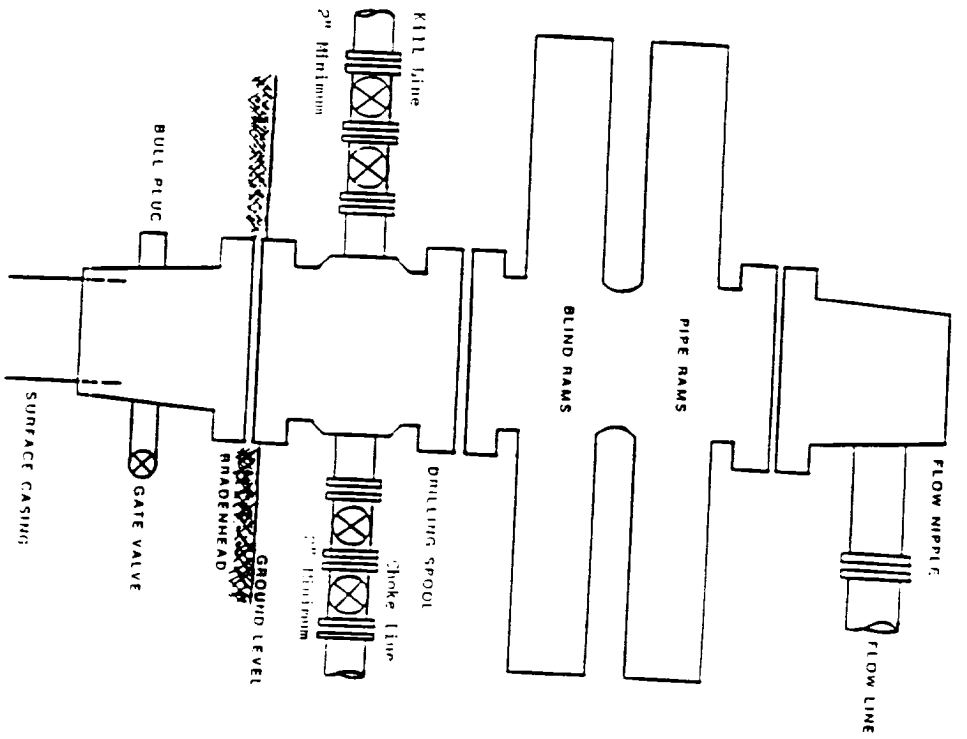
The Fruitland coal formation will be completed.

This gas is dedicated.

The ^{E/2} of Section 33 is dedicated to this well.

LONG STRING FRUITLAND COAL

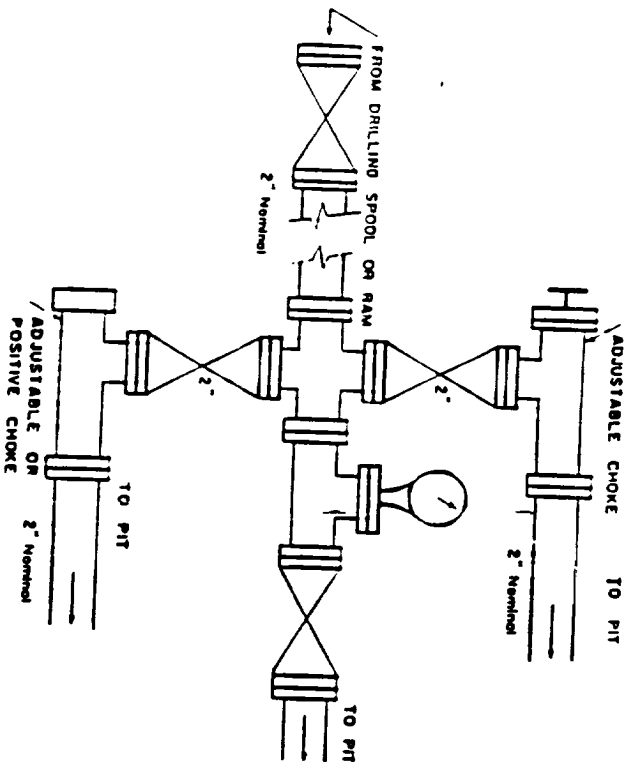
FIGURE #1



Minimum Pore Installation for a typical Fruitland Coal well from surface to Total Depth, 11", 2000 psi working pressure double-acting BOP equipped with blind and pipe rams.

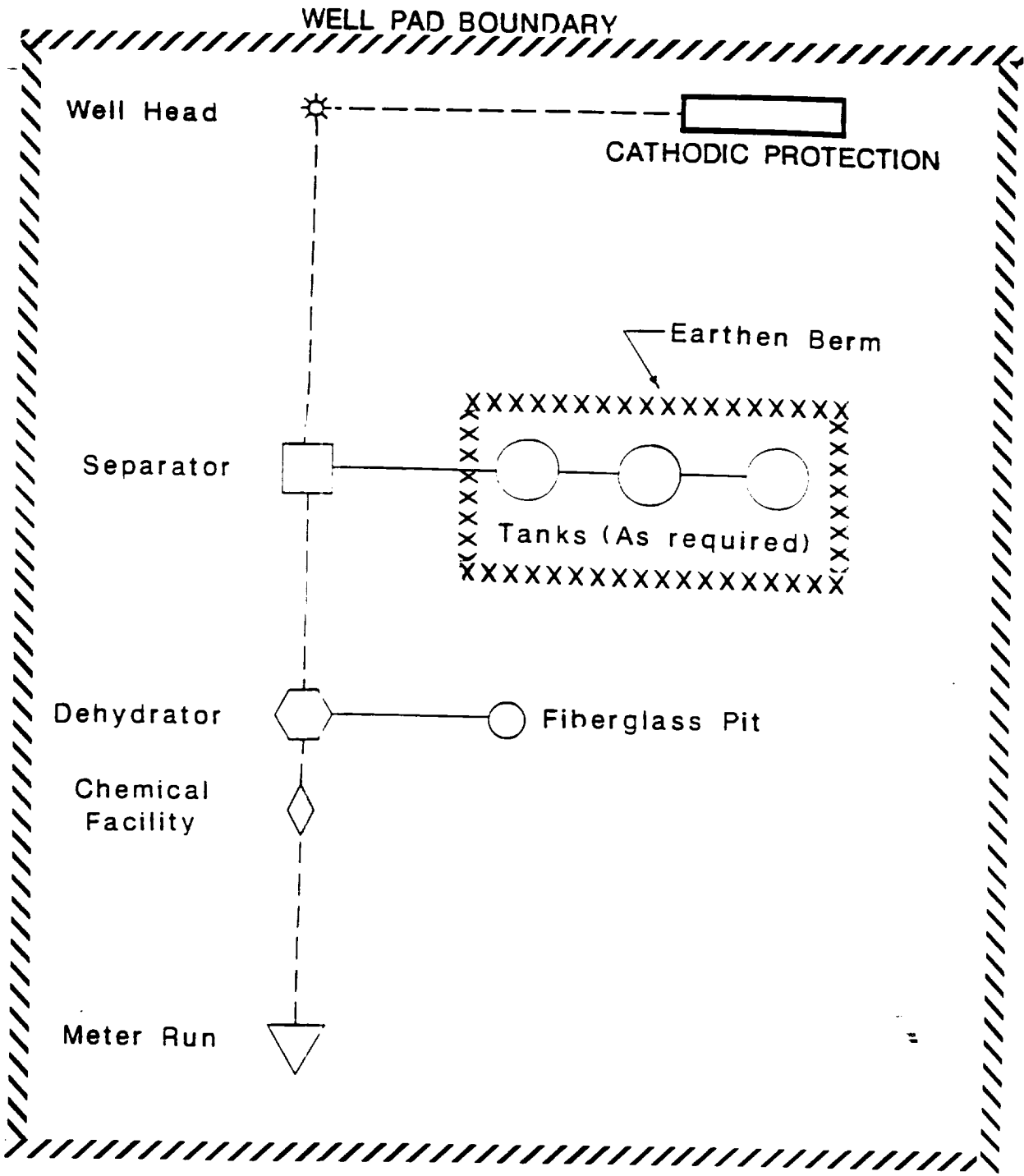
LONG STRING FRUITLAND COAL

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 FCCW BOP
 UPDATED 9/6/11



MERIDIAN OIL

ANTICIPATED
 PRODUCTION FACILITIES
 FOR A
 FRUITLAND WELL

J. Falconi

4/28/89

[Faint, illegible text and stamps, possibly including a date like 10/25/87]