

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-02294
2. OPERATOR SOUTHLAND ROYALTY 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
4. LOCATION OF WELL 1710'S 1370'W	8. FARM OR LEASE NAME WHITLEY
	9. WELL NO. 282
	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. SEC. 9 T27N R09W NMPM
14. PERMIT NO.	15. ELEVATIONS 6210'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 28 1990
OIL CON. DIV.
DIST. 3

18. AUTHORIZED BY:

D. Ze
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
CONDITION OF APPROVAL, IF ANY:

TITLE

NMOOD

APPROVED
MAR 28 1990
Kate Townsend
DATE
FOR: REG. AFFAIRS
FARMINGTON RESOURCE AREA

Well Name: 282 WHITLEY 1710'S 1370'W
 Sec. 9 T27N R09W SAN JUAN NEW MEXICO
 BASIN FRUITLAND COAL Elevation 6210'GL

Formation tops: Surface- NACIMIENTO
 Ojo Alamo- 1227
 Kirtland- 1385
 Fruitland- 1941
 Fruitland Coal Top- 2086
 Fruitland Coal Base- 2198
 Intermediate TD- 2066
 Total Depth- 2198
 Pictured Cliffs- 2200

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 2066	Non-dispersed	8.4 - 9.1	30-60	no control
	2066 - 2198	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 - 2066	7"	20.0#	K-55
	6 1/4"	2016 - 2198	5 1/2"	15.5#	K-55
Tubing Program:		0 - 2198	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# flocele/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 70 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. 252 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).

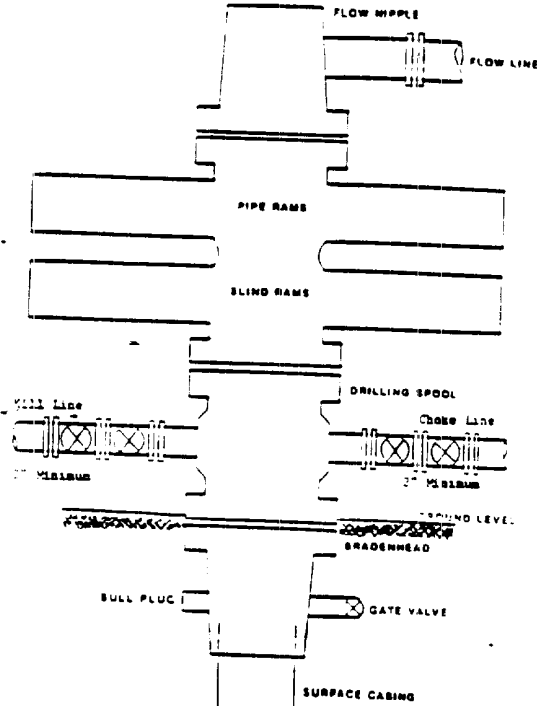
Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. A kelly cock valve and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Addition Information:

The Fruitland coal formation will be completed.
This gas is dedicated.
The W/2 of Section 9 is dedicated to this well.

TOP SET FRUITLAND COAL

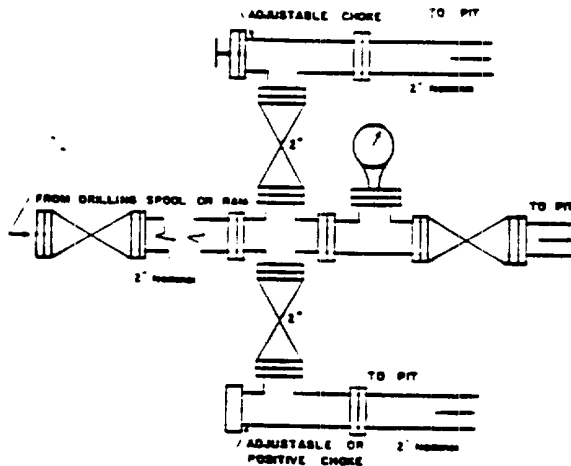
FIGURE #1



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

TOP SET FRUITLAND COAL

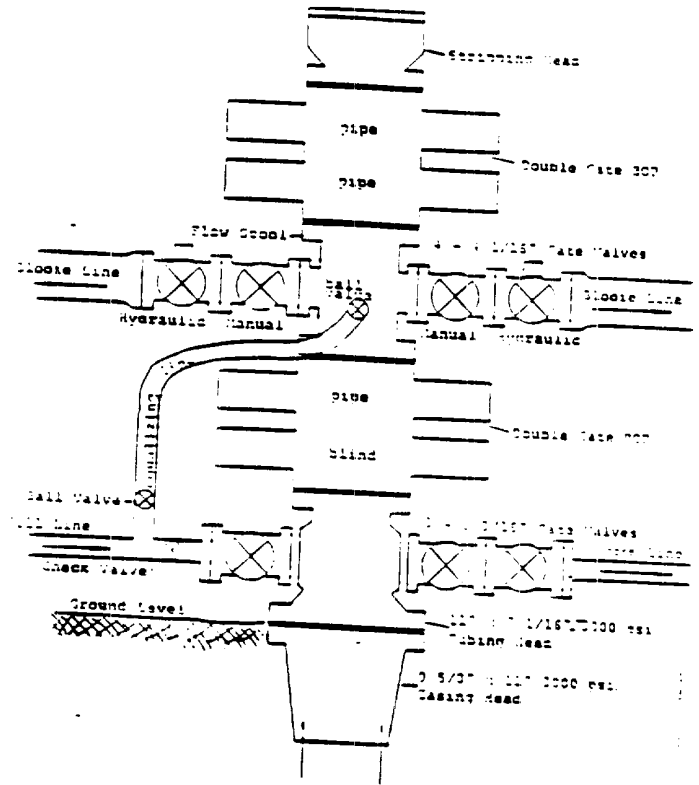
FIGURE #2



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

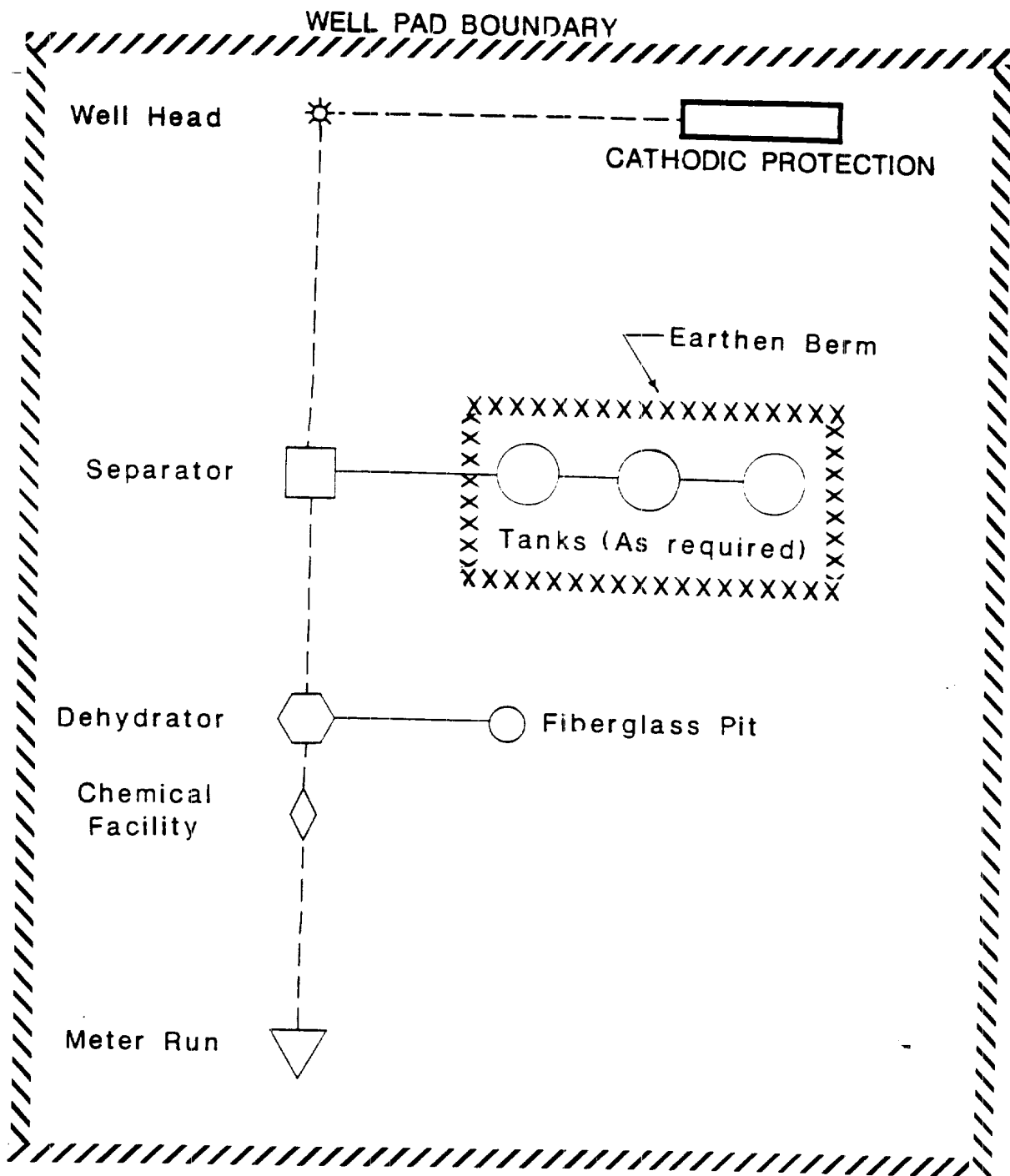
FIGURE #2



Minimum ROPE installation for a typical Fruitland Coal well from intermediate TD to TD. 6", 2000 psi working pressure double stage double gate ROPE equipped with three blind and one blind ram.

TOP SET FRUITLAND
COAL WELL ROPE.

UPDATED
9/8/89



MERIDIAN OIL
ANTICIPATED
PRODUCTION FACILITIES
FOR A
FRUITLAND WELL

J. Falconi

4/28/89