

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-02151
2. OPERATOR <i>Meridian</i> EL PASO NATURAL GAS 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 SAN JUAN 30-6 UNIT
4. LOCATION OF WELL 1310'N 790'E	8. FARM OR LEASE NAME SAN JUAN 30-6 UNIT
	9. WELL NO. 423
	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. SEC. 28 T30N R07W NMPM
14. PERMIT NO.	15. ELEVATIONS 6879'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.

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APR 03 1990

BL CON. DIV.
DIST. 3

18. AUTHORIZED BY: *[Signature]*
REGULATORY AFFAIRS

9/9/89
DATE

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

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CONDITION OF APPROVAL, IF ANY: _____

DATE

APR 03 1990
FARMINGTON OFFICE AREA

Well Name: 423 SAN JUAN 30-6 UNIT
 Sec. 28 T30N R07W
 BASIN FRUITLAND COAL

1310'N 790'E
 RIO ARRIBA NEW MEXICO
 Elevation 6879'GL

Formation tops: Surface- SAN JOSE

Ojo Alamo- 2718
 Kirtland- 2920
 Fruitland- 3423
 Fruitland Coal Top- 3638
 Fruitland Coal Base- 3745
 Intermediate TD- 3620
 Total Depth- 3760
 Pictured Cliffs- 3786

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	F1. Loss
0 - 200	Spud	8.4 - 8.9	40-50	no control	
200 - 3620	Non-dispersed	8.4 - 9.1	30-60	no control	
3620 - 3760	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 - 3620	7"	20.0#	K-55		
6 1/4"	3570 - 3760	5 1/2"	15.5#	K-55		
	0 - 3760	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# floccel/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 79 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. 271 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.

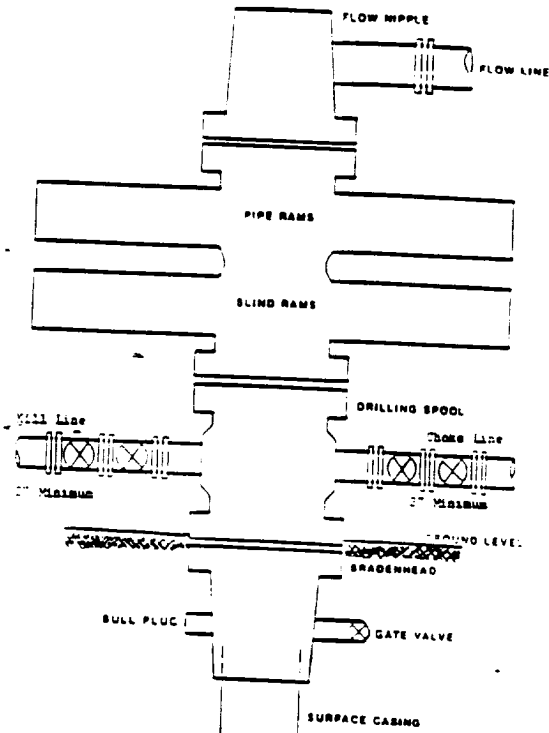
Addition Information:

The Fruitland coal formation will be completed.
This gas is dedicated.
The of Section 28 is dedicated to this well.

E/2

TOP SET FRUITLAND COAL

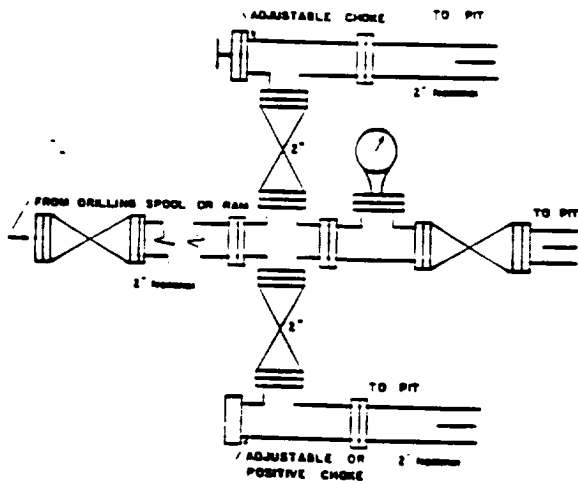
FIGURE #1



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

TOP SET FRUITLAND COAL

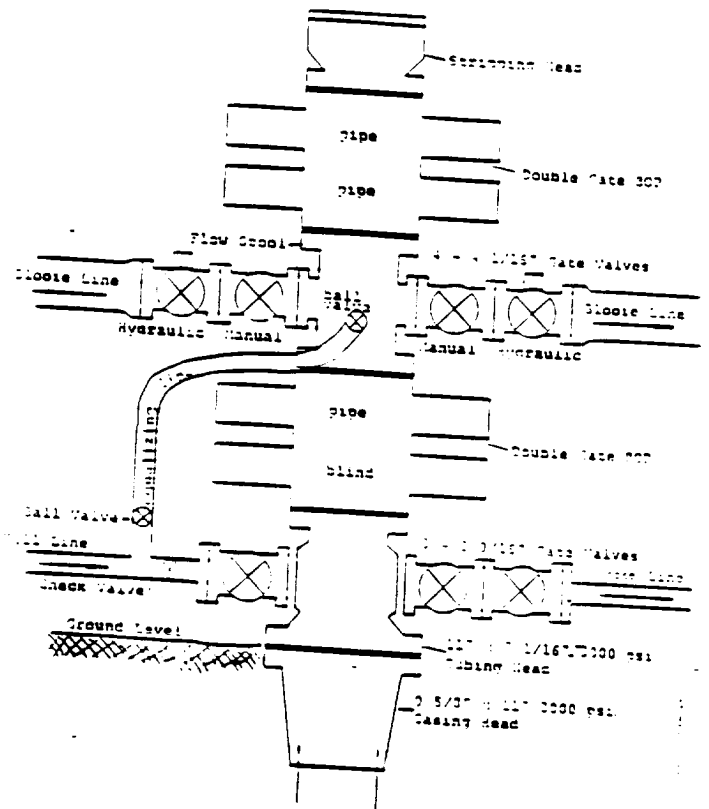
FIGURE #3



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

TOP SET FRUITLAND COAL

FIGURE #2

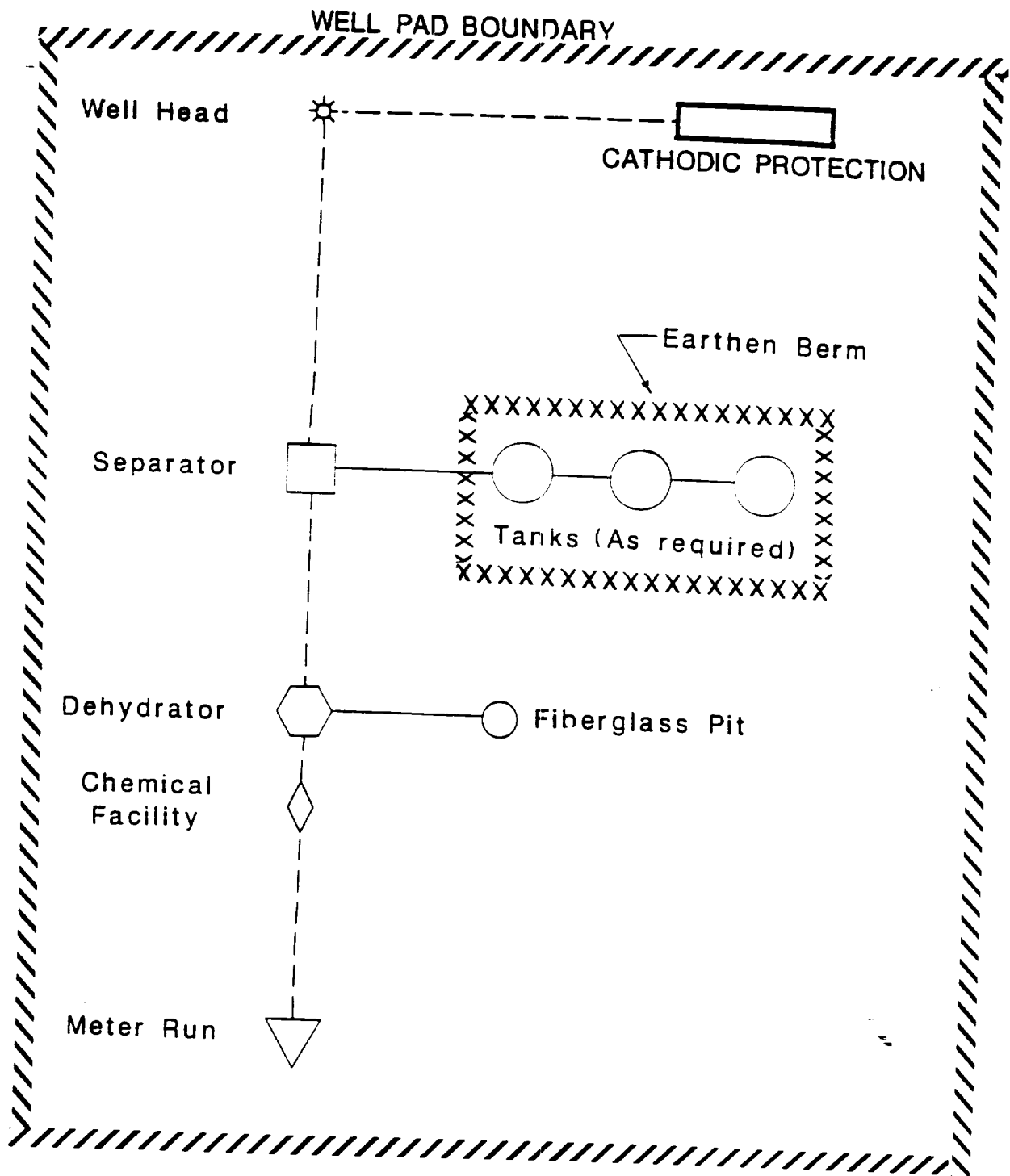


Minimum BOP installation for a typical Fruitland Coal well from intermediate TD to TD. 6", 2000 psi working pressure double gate BOP equipped with three blinds and one blind ram.

TOP SET FRUITLAND
COAL WELL BOPE.

UPDATED

9/8/89



DATE: 4/28/89 BY: J. Falconi

SCALE: 1" = 10'

WELL: FRUITLAND
HEAD: 10'

MERIDIAN OIL

ANTICIPATED
PRODUCTION FACILITIES
FOR A
FRUITLAND WELL

J. Falconi

4/28/89

UNITED STATES
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MAY 04 1990

OIL CON. DIV.]

DIST. 3

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3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499		7. UNIT AGREEMENT NAME SAN JUAN 30-6 UNIT	
4. LOCATION OF WELL 1310'FNL 790'FEL		8. FARM OR LEASE NAME SAN JUAN 30-6 UNIT	
		9. WELL NO. 423	
		10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	
		11. SEC. T. R. M OR BLK. SEC. 28 T30N R07W NMPM	
14. PERMIT NO. 30-039-24459	15. ELEVATIONS 6879'GL	12. COUNTY RIO ARRIBA	13. STATE NM
16. SUBSEQUENT REPORT OF: SPUD			
17. Describe proposed or completed operations			

SPUD DATE: 042390 SPUD TIME: 1430

TD 530' Ran 12 jts of 9 5/8" 36.0# K-55 casing, 511' set @ 524'
Cemented with 300 sacks of Class B cement with 1/4#
Flocele/sack and 3% calcium chloride, (354 cu ft.).
Circulated 38 bbl to surface. WOC 12 hours.
Pressure tested to 600 psi for 30 minutes. Held OK.

18. AUTHORIZED BY: *[Signature]*
REGULATORY AFFAIRS

4-26-90
DATE

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

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CONDITION OF APPROVAL, IF ANY:

MAY 01 1990
DATE
FARMINGTON RESOURCE AREA
BY *[Signature]*

NM000

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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16. SUBSEQUENT REPORT OF: Running Casing			
17. Describe proposed or completed operations			

DATE: 042690

TD 3635', Ran 84 jts of 7" 23.0# K-55 casing, 3622' set @ 3635'
Lead with 699 sacks of Class B cement 65/35
Poz, 6% gel, 2% CaCl₂, .5 cu ft perlite (1111 cu ft.).
Tail with 100 sacks of Class B cement with
2% CaCl₂ (118-cu ft.). Circulated 11 bbl to surface.

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MAY 29 1990

18. AUTHORIZED BY: *[Signature]* **REGULATORY AFFAIRS** **CON. DIV.** **DIST. 3** **5-2-90**
DATE

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===== MAY 10 1990 =====
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