UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. TYPE OF WELL
GAS

2. OPERATOR
~~EL PASO NATURAL GAS CO.~~ Meridian

3. ADDRESS & PHONE NO. OF OPERATOR
P O BOX 4289
FARMINGTON, NM 87499

4. LOCATION OF WELL
1310'FSL 1085'FWL M

5. LEASE NUMBER
NM-012709

6. IF INDIAN,ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME
SAN JUAN 30-6 UNIT

8. FARM OR LEASE NAME
SAN JUAN 30-6 UNIT

9. WELL NO.
497

10. FIELD,POOL,OR WILDCAT:
BASIN FRUITLAND COAL

11. SEC. T. R. M OR BLK.
SEC. 29 T30N R07W NMPM

12. COUNTY
RIO ARRIBA

13. STATE
NM

14. PERMIT NO.

15. ELEVATIONS
6271'GL

16. OTHER:

Changing production casing from 5 1/2" liner to 4 1/2" cemented liner as shown in operations plan (attached).

RECEIVED
MAR 29 1991
OIL CON. DIV.
DIST. 3

18. AUTHORIZED BY: Jo Caldwell
REGIONAL DRILLING ENGINEER

3/15/91
DATE

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

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE APPROVED

CONDITION OF APPROVAL, IF ANY:

MAR 20 1991

NMOCD

FOR AREA MANAGER

OPERATIONS PLAN

DATE: MAR 14,1991

Well Name: 497 SAN JUAN 30-6 UNIT
Sec. 29 T30N R07W
BASIN FRUITLAND COAL

1310'FSL 1085'FWL
RIO ARRIBA NEW MEXICO
Elevation 6271'GL

Formation tops:

Surface-	SAN JOSE
Ojo Alamo-	2080
Kirtland-	2280
Fruitland-	2870
Fruitland Coal Top-	3001
Fruitland Coal Base-	3104
Pictured Cliffs-	3123
Intermediate TD-	2978
Total Depth-	3154

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 - 2978	Non-dispersed	8.4 - 9.1	30-60	no control
2978 - 3154	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 - 2978	7"	20.0#	K-55
6 1/4"	2808 - 3154	4 1/2"	15.5#	K-55

Tubing Program: 0 - 3154 2 7/8" 6.5# J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

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. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2280' . Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

4 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 211 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (248 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 550 sacks 65/35 Class "B" poz with 6% gel, 2% CaCl2, 5# gilsonite/sack, and 1/4# Flocele/sack. Tail with 100 sacks Class "B" with 2% CaCl2, (1092 cu ft. total).

4 1/2" production casing - Lead with 25 sacks Class "B" poz with 6% gel, 2% CaCl2, 5# gilsonite/sack, and 1/4# Flocele/sack, (43 cu ft.). Tail with 50 sacks of Class "B" cement with 2% CaCl2 and 1/4# Flocele/sack, (102 cu ft.).

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 blind rams and casing to 2500 psi for 30 minutes; all pipe rams and casing to 2500 psi for 30 minutes each.

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. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Additional Information:

* The Fruitland coal formation will be completed.
* Anticipated Fruitland pore pressure is psi.
* This gas is dedicated.
* The S/2 of Section 29 is dedicated to this well.
* New casing will be utilized.
* Cementing Contractor will provide the BLM with a chronological log including the pump rate and pressure, and the slurry density and volume for all cement jobs.
* Pipe movement (either rotation or reciprocation) will be done if hole conditions permit.