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District I  
PO Box 1980, Hobbs NM 88241-1980  
District II  
PO Drawer KK, Artesia, NM 87211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-30953		2 Pool Code 72319		3 Pool Name BLANCO MESA VERDE		
4 Property Code 000 875		5 Property Name Moore A			6 Well Number 3B	
7 OGRID No. 000 778		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 6220	

10 Surface Location

UL or Lot No. A	Section 4	Township 30 N	Range 8 W	Lot Idn	Feet from the 925	North/South line NORTH	Feet from the 875	East/West line EAST	County SAN JUAN
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11 Bottom Hole Location If Different From Surface

7 UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 320.7	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16		2616(R)		2634(R)		17 OPERATOR CERTIFICATION	
1319(R)		1319(R)		925'		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
1306(R)		1306(R)		875'		Signature Mary Corley	
2612(R)		2612(R)		5283(R)		Printed Name MARY CORLEY	
						Title SR REGULATORY ANALYST	
						Date 12-11-2001	
						18 SURVEYOR CERTIFICATION	
						I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
						Date of Survey November 27, 2001	
						Signature and Seal of Professional Surveyor	
						GARY D. VANN NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 7016	
						7016 Certificate Number	

PIPELINE T/-150



**AMOCO PRODUCTION COMPANY  
DRILLING AND COMPLETION PROGRAM**

**Prospect Name:** Moore A  
**Lease:** MOORE A  
**County:** San Juan  
**State:** New Mexico  
**Date:** December 11, 2001

**Well No:** 3B  
**Surface Location:** 4-30N-8W, 925 FNL, 875 FEL  
**Field:** Blanco Mesaverde

**OBJECTIVE:** Drill 50' below the base of the Mancos Shale, set 41/2" production casing, Stimulate LS, CH, MF and PL intervals

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS	DEPTH OF DRILLING	Estimated GL: 6220		Estimated KB: 6234	
Rotary	0 - TD	MARKER		SUBSEA	TVD
<b>LOG PROGRAM</b>		Ojo Alamo		4386	1848
<b>TYPE</b>	<b>DEPTH INVERAL</b>	Fruitland Coal	*	3466	2768
<u>OPEN HOLE</u>		Pictured Cliffs	*	3153	3081
GR-Induction	TD to 7" shoe	Lewis Shale	#	3077	3157
Density/Neutron	TD to 7" shoe	Cliff House	#	1316	4918
		Menefee Shale	#	1249	4985
<u>CASED HOLE</u>		Point Lookout	#	928	5306
GR-CCL-TDT	TDT - TD to 7" shoe	Mancos		544	5690
CBL	Identify 4 1/2" cement top	Greenhorn			
REMARKS: - Please report any flares (magnitude & duration).		Bentonite Marker			
		Two Wells	#		
		Dakota MB	#		
		Burro Canyon	*		
		Morrison	*		
		TOTAL DEPTH		490	5744
		# Probable completion interval		* Possible Pay	
SPECIAL TESTS		DRILL CUTTING SAMPLES		DRILLING TIME	
TYPE		FREQUENCY	DEPTH	FREQUENCY	DEPTH
None		10 feet	Production hole	Geolograph	0-TD
REMARKS:					

MUD PROGRAM:					
Approx. Interval	Type Mud	Weight, #/ga	Vis, sec/qt	W/L cc's/30 min	Other Specification
0 - 120-135	Spud	8.6-9.2			
200 - 2718 (1)	Water/LSND	8.6-9.2		<6	
2718 - 5744	Gas/Air/N2/Mist	Volume sufficient to maintain a stable and clean wellbore			

**REMARKS:**

(1) The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency.  
 ( )

**CASING PROGRAM:** (Normally, tubular goods allocation letter specifies casing sizes to be used. Hole sizes will be governed by Contract)

Casing String	Estimated Depth	Casing Size	Grade	Weight	Hole Size	Landing Pt, Cmt, Etc.
Surface/Conductor	120-135	9 5/8"	H-40 ST&C	32#	12.25"	1
Intermediate 1	2718	7"	J/K-55 ST&C	20#	8.75"	1,2
Production	5744	4 1/2"	J-55	11.6#	6.25"	3

**REMARKS:**

- (1) Circulate Cement to Surface
- (2) Set casing 50' above Fruitland Coal
- (3) Bring cement 100' above 7" shoe

**CORING PROGRAM:**

None

**COMPLETION PROGRAM:**

Rigless, 3-4 Stage Limited Entry Hydraulic Frac

**GENERAL REMARKS:**

Notify BLM/NMOCD 24 hours prior to Spud, BOP testing, and Casing and Cementing.

Form 46 Reviewed by:

Logging program reviewed by: N/A

<b>PREPARED BY:</b>	<b>APPROVED:</b>	<b>DATE:</b>	
HGJ/MNP		2 December 2001	
Form 46 12-00 MNP		Version 1.0	

# Amoco Production Company

## BOP Pressure Testing Requirements

Well Name: Moore A  
County: San Juan

3B  
State: New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1848		
Fruitland Coal	2768		
PC	3081		
Lewis Shale	3157		
Cliff House	4918	500	0
Menefee Shale	4985		
Point Lookout	5306	600	0
Mancos	5690		

\*\* Note: Determined using the following formula:  $ABHP - (.22 \times TVD) = ASP$

Requested BOP Pressure Test Exception: 3000 psi

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### SAN JUAN BASIN Dakota Formation Pressure Control Equipment

#### Background

The objective Dakota formation maximum surface pressure is anticipated to be less than 1000 PSI, based on shut-in surface pressures from adjacent wells. Pressure control equipment working pressure minimum requirements are therefore 2000 PSI. Equipment to be used will conform to API RP-53 (Figure 2.C.2) for a 2000 PSI system per Federal Onshore Order No. 2. Due to available conventional equipment within the area, 3000 PSI rated pressure control equipment will typically be utilized in a double ram type arrangement. Regional drilling rights to be utilized have substructure height limitations which exclude the use of annular preventers; therefore a rotating head will be installed above these rams. This pressure control equipment will be utilized for conventional drilling below conductor to total depth in the Basin Dakota. No abnormal temperature, pressure, or H<sub>2</sub>S anticipated.

#### Equipment Specification

##### Interval

##### BOP Equipment

Below conductor casing to total depth	11" nominal or 7 1/16", 3000 PSI double ram preventer with rotating head.
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All ram type preventers and related control equipment will be hydraulically tested to 250 PSI (low pressure) and 2000 PSI (high pressure), upon installation, following any repairs or equipment replacements, or at 30 day intervals. Accessories to BOP equipment will include kelly cock, upper kelly cock with a handle available, floor safety valves and choke manifold which will also be tested to equivalent pressure.