

NMOCL

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 30-045-30984	² Pool Code 72319	³ Pool Name BLANCO MESA VERDE
⁴ Property Code 000443	⁵ Property Name ELLIOTT GAS COM C	⁶ Well Number # 1B
⁷ OGRID No. 000778	⁸ Operator Name BP AMERICA PRODUCTION COMPANY AMOCO PRODUCTION COMPANY	⁹ Elevation 6297

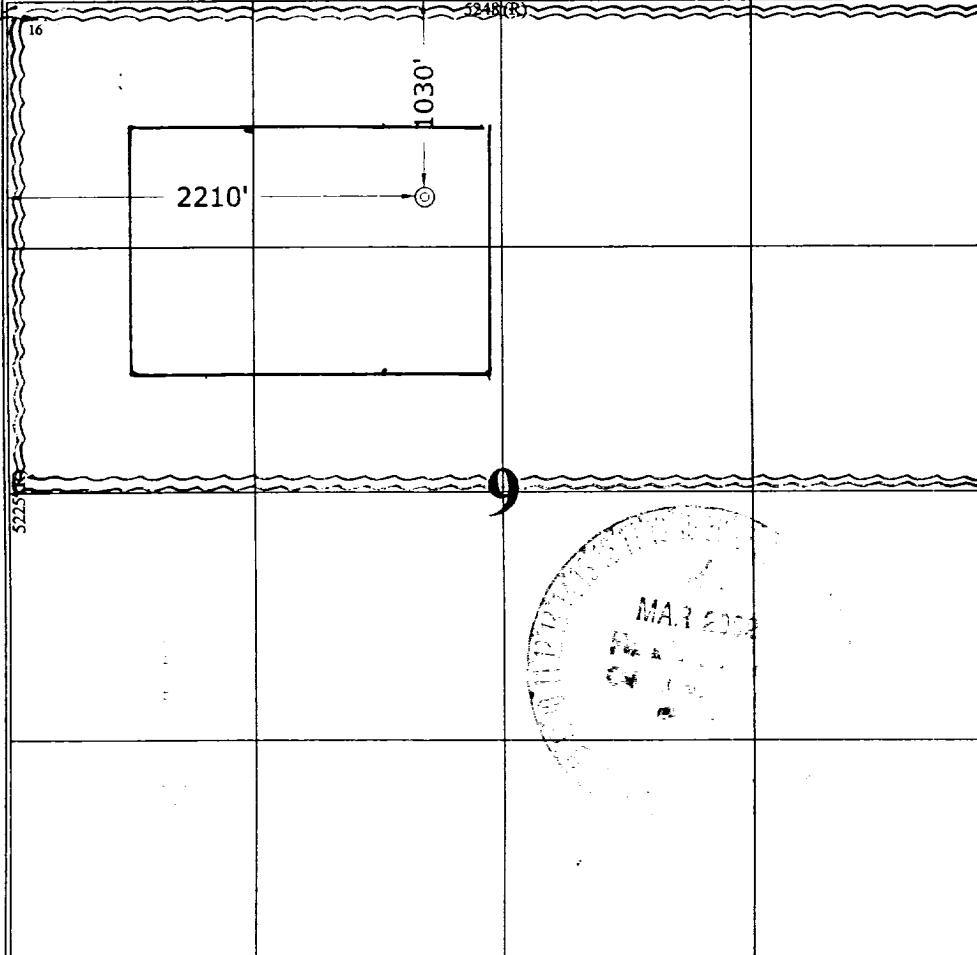
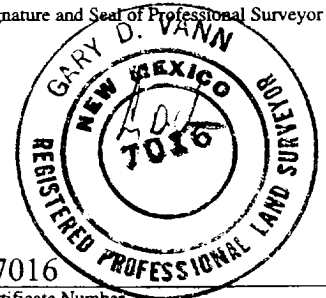
¹⁰ Surface Location

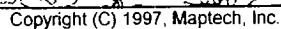
UL or Lot No. C	Section 9	Township 30 N	Range 9 W	Lot Idn	Feet from the 1030	North/South line NORTH	Feet from the 2210	East/West line WEST	County SAN JUAN
---------------------------	---------------------	-------------------------	---------------------	---------	------------------------------	----------------------------------	------------------------------	-------------------------------	---------------------------

¹¹ Bottom Hole Location If Different From Surface

¹² UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹³ Dedicated Acres 320	¹⁴ Joint or Infill	¹⁵ Consolidation Code	¹⁶ Order No.						

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

<div></div>	<div><p>17 OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p><p>Signature <i>Mary Coffey</i></p><p>Printed Name Mary Coffey</p><p>Title SR. Regulatory Analyst</p><p>Date 01.30.2002</p></div> <div><p>18 SURVEYOR CERTIFICATION</p><p>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.</p><p>January 17, 2002</p><p>Date of Survey</p><p>Signature and Seal of Professional Surveyor GARY D. VANN</p><div></div><p>7016</p><p>Certificate Number</p></div>
---	---



APD MAP # 1

**AMOCO PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM**

Prospect Name: Elliott Gas Com C
Lease: Elliott Gas Com C
County: San Juan
State: New Mexico
Date: January 31, 2002

Well No: 1B
Surface Location: 9-30N-9W, 1030 FNL, 2210 FWL
Field: Blanco Mesaverde

OBJECTIVE: Drill 50' below the base of the Mancos Shale, set 4 1/2" production casing, Stimulate LS, CH, MF, PL intervals

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS	DEPTH OF DRILLING	Estimated GL: 6297		Estimated KB: 6311	
Rotary	0 - TD	MARKER		SUBSEA	MEAS. DEPTH
LOG PROGRAM		Ojo Alamo		4565	1746
		Kirkland		4418	1893
		Fruitland Coal	*	3571	2740
		Pictured Cliffs	*	3245	3066
		Lewis Shale	#	3158	3153
		Cliff House	#	1576	4735
		Menefee Shale	#	1405	4906
		Point Lookout	#	1016	5295
		Mancos		726	5585
		Greenhorn			
CASED HOLE		Bentonite Marker			
		Two Wells	#		
		Dakota MB	#		
		Burro Canyon	*		
		Morrison	*		
REMARKS:		TOTAL DEPTH		676	5635
- Please report any flares (magnitude & duration).		# Probable completion interval		* Possible Pay	
SPECIAL TESTS		DRILL CUTTING SAMPLES		DRILLING TIME	
		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	Spud	8.6-9.2			
120 - 2690 (1)	Water/LSND	8.6-9.2		<6	
2690 - 5635	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	2690	7"	J/K-55 ST&C	20#	8.75"	1,2 —
Production	5635	4 1/2"	J-55	10.5#	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

PREPARED BY:	APPROVED:	DATE:	
HGJ/MNP		22 nd January 2002	
Form 46 12-00 MNP		Version 1.0	

Amoco Production Company

BOP Pressure Testing Requirements

Well Name: Elliott Gas Com D
County: San Juan

1B
State: New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1746		
Fruitland Coal	1893		
PC	2740		
Lewis Shale	3066		
Cliff House	3153	500	0
Menefee Shale	4735		
Point Lookout	4906	600	0
Mancos	5295		

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

Requested BOP Pressure Test Exception: 750 psi

SAN JUAN BASIN SAN JUAN BASIN Mesaverde Formation Pressure Control Equipment

Background

The objective Mesaverde 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. No abnormal temperature, pressure, or Hydrogen Sulfide gas is 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.

All ram type preventers and related control equipment will be hydraulically tested to 250 PSI (low pressure) and 750 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 at the appropriate intervals