

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Amoco Production Company P. O. Box 3092 Houston, Texas 77253		² OGRID Number 000778
³ Property Code 000570		⁴ API Number 30.045-30299
⁵ Property Name Gallegos Canyon Unit		⁶ Well No. 575

⁷ Surface Location									
UL or lot no. P	Section 13	Township 28N	Range 12W	Lot Idn	Feet from the 910'	North/South line South	Feet from the 795'	East West line East	County San Juan

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East West line	County
⁹ Proposed Pool 1 West Kotz Pictured Cliffs					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N - New Drill	¹² Well Type Code Gas	¹³ Cable Rotary Rotary/Top Drive	¹⁴ Lease Type Code Fee	¹⁵ Ground Level Elevation 5585'
¹⁶ Multiple No	¹⁷ Proposed Depth 1681'	¹⁸ Formation Pictured Cliffs	¹⁹ Contractor Aztec	²⁰ Spud Date 08/23/00

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
(1) 8 3/4"	7"	23#	135'	125 SXS CLS B	Surface
(2) 6 1/4"	4 1/2"	10.5#	1681'	175 SXS CLS B	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

OBJECTIVE: Drill 200' into the Pictured Cliffs, set 4 1/2" casing to TD, Perf & Stimulate the Pictured Cliff interval. Run Cased Hole (GR-CCL-TDT) logs: TDT from PBTD. GR-CCL from PBTD to Surface.

(1) Circulate Cement to Surface (2) Set casing 200' below top of Pictured Cliffs.

Mud Program: 0' - 135' Type - Spud Weight 8.6 - 9.2
135' - TD Type - Water/LSND Weight 8.6 - 9.2

The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency
Completion: Rigless, Single Stage Hydraulic Frac.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Melissa Velasco-Price</i>		OIL CONSERVATION DIVISION	
Printed name: Melissa Velasco-Price		Approved by: <i>[Signature]</i>	
Title: Permitting Assistant		Title: DEPUTY OIL & GAS INSPECTOR, DIST. #	
Date: 07/12/00	Phone: 281-366-2548	Approval Date: 7-18-00	Expiration Date: JUL 18 2001
		Conditions of Approval:	
		Attached	

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 30-045-30299		2 Pool Code 19680		3 Pool Name PICTURED CLIFFS		
4 Property Code 000570		5 Property Name Gallegos Canyon Unit			6 Well Number # 575	
7 OGRID No. 000778		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 5585	

10 Surface Location

UL or Lot No. P	Section 13	Township 28 N	Range 12 W	Lot Idn	Feet from the 910	North/South line SOUTH	Feet from the 795	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
12 Dedicated Acres 160.05/4		13 Joint or Infill		14 Consolidation Code		15 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

16		5289(R)		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Melissa Velasco Price Printed Name PERLITTING ASST. Title 7.12.00 Date	
		JUL 2000 RECEIVED OIL CONSERVATION DIVISION			
5280(R)		13		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. May 18, 2000 Date of Survey Signature and Seal of Professional Surveyor GARY D. VANN NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 7016 Certificate Number	
5284(R)		910'		795'	

**Amoco Production Company
BOP Pressure Testing Requirements**

Well Name: Gallegos Canyon Unit 575

County: San Juan

State: New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	286'		
Kirtland	396'		
Fruitland Coal	1061'		
Pictured Cliffs	1481'		

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

Requested BOP Pressure Test Exception: 750 PSI

**SAN JUAN BASIN
Pictured Cliffs Formation
Pressure Control Equipment**

Background

The objective Pictured Cliffs 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.

