

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
SF-078903

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Contact: CHERRY HLAVA

E-Mail: hlavacl@blm.com

3a. Address

P.O. BOX 3092
HOUSTON, TX 77253

3b. Phone No. (include area code)

Ph: 281.366.4081

Fx: 281.366.8700

8. Well Name and No.

GALLEGOS CANYON UNIT 053

9. API Well No.

30-045-06979

10. Field and Pool, or Exploratory
WEST, KUTZ PC & BASIN FC

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 36 T28N R12W SWSW 990FSL 1650FEL

1. County or Parish, and State

SAN JUAN COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other
Subsurface Commi
ng

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Amoco Production Company requests permission to re-enter the West, Kutz Pictured Cliffs Pool and commingle production downhole with the existing Basin Fruitland Coal Pool as per the attached procedure.

The West, Kutz Pictured Cliffs (79680) Pools & Basin Fruitland Coal (71629) Pools are Pre-Approved for Downhole Commingling per NMOCD CASE NO. 12520, ORDER NO. R-11567 effective 04/26/2001. Although the interest owners are not identical between these two pools, this same order established approval for subsequent applications for the downhole commingling of production in wellbores within the Gallegos Canyon Unit without notice to the unit interest owners, therefore, no additional notification is required prior to downhole commingling approval.

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Fruitland Coal. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #8378 verified by the BLM Well Information System
For AMOCO PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by Lucy Bee on 11/01/2001 ()

Name (Printed/Typed) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 11/01/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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NMOCD

IL

Additional data for EC transaction #8378 that would not fit on the form

32. Additional remarks, continued

production will be attributed to the Kutz Picture Cliffs. Attached is the future production decline estimates for the Fruitland Coal. Commingling Production Downhole in the subject well from the proposed pools will not reduce the value of the total remaining production.

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources DepartmentOIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505Form C-102
Revised August 15, 2000Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-06979		² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 000570	⁵ Property Name Gallegos Canyon Unit		⁶ Well Number 53
⁷ GRID No. 000778	⁸ Operator Name Amoco Production Company		⁹ Elevation 6021' KB

¹⁰ Surface Location

UL or lot no. Unit M	Section 36	Township 28N	Range 12W	Lot Idn	Feet from the 990'	North/South line South	Feet from the 990'	East/West line West	County San Juan
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¹¹ 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
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¹² Dedicated Acres 320 Ac.	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 					¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Printed Name Cherry Hlava Title Regulatory Analyst Date 10/31/2001 Date
¹⁸ 					¹⁸ SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyor: ORIGINAL ON FILE Certificate Number

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-06979		² Pool Code 79680		³ Pool Name Kutz Pictured Cliffs, West	
⁴ Property Code 000570		⁵ Property Name Gallegos Canyon Unit			⁶ Well Number 53
⁷ OGRID No. 000778		⁸ Operator Name Amoco Production Company			⁹ Elevation 6021' KB

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Unit M	36	28N	12W		990'	South	990'	West	San Juan

¹¹ 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

¹² Dedicated Acres 160 Ac.	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

<p>16</p>	<p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: <u>Cherry Hlava</u></p> <p>Printed Name: <u>Cherry Hlava</u></p> <p>Title: <u>Regulatory Analyst</u></p> <p>Date: <u>10/31/2001</u></p>			
	<p>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.</p> <p>Date of Survey:</p> <p>Signature and Seal of Professional Surveyor:</p> <p>ORIGINAL ON FILE</p> <p>Certificate Number:</p>			

Gallegos Canyon Unit Well No. 53
Basin Fruitland Coal

■

Date	Forecast (Mcf/d)
1/1/2002	49
2/1/2002	48
3/1/2002	47
4/1/2002	46
5/1/2002	45
6/1/2002	44
7/1/2002	43
8/1/2002	42
9/1/2002	41
10/1/2002	40
11/1/2002	40
12/1/2002	39
1/1/2003	38
2/1/2003	37
3/1/2003	37
4/1/2003	36
5/1/2003	35
6/1/2003	34
7/1/2003	34
8/1/2003	33
9/1/2003	32
10/1/2003	32
11/1/2003	31
12/1/2003	30
1/1/2004	30
2/1/2004	29
3/1/2004	28
4/1/2004	28
5/1/2004	27
6/1/2004	27
7/1/2004	26
8/1/2004	26
9/1/2004	25
10/1/2004	25
11/1/2004	24
12/1/2004	24
1/1/2005	23
2/1/2005	23
3/1/2005	22
4/1/2005	22
5/1/2005	21
6/1/2005	21
7/1/2005	20
8/1/2005	20
9/1/2005	20
10/1/2005	19
11/1/2005	19
12/1/2005	18
1/1/2006	18
2/1/2006	18
3/1/2006	17
4/1/2006	17
5/1/2006	17
6/1/2006	16
7/1/2006	16
8/1/2006	16
9/1/2006	15

GCU 53
Unit A Sec 36 T28N - R12W
API No. 30-045-06979
San Juan County, NM
October 31, 2001

Objective

Down hole commingle the PC/FC and re-stimulate.

Procedure

1. Prepare location. Set deadmen anchors.
2. MIRU SU. Record TP and CP. ND WH, NU Diverter spool, flowlines, and BOP.
3. POOH with 2-3/8" tbg.
4. RU air package. RIH with bit x DC's. D/O CIBP at 1762'. C/O well to 1811' PBTD.

NOTE: Do not disturb gravel plug 1811' - 1826'. This is a water shutoff plug.

5. PU scraper for 5-1/2" 14# csg. Make scraper run to csg shoe at 1771'.

NOTE: Casing tested successfully 9/92. Not necessary to test csg with RBP.

6. RIH with AD-1 tension pkr and 2-7/8" frac string. Set pkr @ +/- 1650'. Pressure test backside with air to 500 psi.
7. Move in clean frac tanks. Fill with volume of clean 4% KCl water per Schlumberger Clearfrac procedure (___ bbls).
8. RU 5000 psi frac valve.
9. MIRU Schlumberger. Frac well according to attached Pumping Schedule with 500 gal 15% HCl acid spearhead, _____ gallons 70 quality nitrogen foam and _____ lbs _____ sand. Tail in with PropNet on last _____ lbs.
10. Flush with foam to top of the PC at 1619'. Do not overdisplace.
11. Flow back immediately after frac equipment is off the well. Estimate flowrate using choke nipple, using a 100 psi gauge. Flow until well logs off or fluid recovery falls off to less than 2 bbls fluid per hour.
12. Release pkr. POOH and LD frac string and pkr.

13. RIH with bit x DC's. RU air package and clean out to TD.
14. PU above perms. Flow well 30 minutes. RIH to TD, cleaning out again if necessary. Repeat Step 14 until sand feed-in stabilizes.
15. RIH with following production string:
 - a) 1 jt 2-3/8" tbg
 - b) F-nipple with blanking plug set.
 - c) 2-3/8" tbg to surfaceLand EOT at +/- 1780'.
16. ND BOP. NU tree.
17. RU slickline and retrieve plug. Flow well back 1-2 hrs.
18. RDMO SU.

Allen Kutch

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888-788-6522 pager