

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 - 078905

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
GALLEGOS CANYON UNIT 0069. API Well No.
30-045-0728710. Field and Pool, or Exploratory
W, KUTZ PC & BASIN FRT COAL11. County or Parish, and State
SAN JUAN COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
AMOCO PRODUCTION COMPANYContact: CHERRY HLAVA
E-Mail: hlavael@bp.com3a. Address
P.O. BOX 3092
HOUSTON, TX 772533b. Phone No. (include area code)
Ph: 281.366.4081
Fx: 281.366.0700

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

Sec 22 T28N R12W NWSW 1340FSL 1110FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Subsurface Commi	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	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 on 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 Picture Cliffs pool and commingle production down hole with the existing Basin Fruitland Coal pool as per the attached procedure.

The Basin Fruitland Coal (71629) & West,Kutz Picture Cliffs(79680) pools are Pre-Approved for Down hole Commingling per NMOC 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 down hole 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 down hole commingling approval.

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Basin 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 #8342 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 10/30/2001

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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NMOC

Additional data for EC transaction #8342 that would not fit on the form

32. Additional remarks, continued

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

**Gallegos Canyon Unit 006
Basin Fruitland Coal
Projected Future Decline**

Date	Forecast	Date	Forecast
1/1/2002	46	11/1/2005	34
2/1/2002	46	12/1/2005	34
3/1/2002	46	1/1/2006	33
4/1/2002	45	2/1/2006	33
5/1/2002	45	3/1/2006	33
6/1/2002	45	4/1/2006	33
7/1/2002	44	5/1/2006	33
8/1/2002	44	6/1/2006	33
9/1/2002	44	7/1/2006	32
10/1/2002	43	8/1/2006	32
11/1/2002	43	9/1/2006	32
12/1/2002	43	10/1/2006	32
1/1/2003	42	11/1/2006	32
2/1/2003	42	12/1/2006	31
3/1/2003	42	1/1/2007	31
4/1/2003	41	2/1/2007	31
5/1/2003	41	3/1/2007	31
6/1/2003	41	4/1/2007	31
7/1/2003	41	5/1/2007	31
8/1/2003	40	6/1/2007	30
9/1/2003	40	7/1/2007	30
10/1/2003	40	8/1/2007	30
11/1/2003	39	9/1/2007	30
12/1/2003	39	10/1/2007	30
1/1/2004	39	11/1/2007	30
2/1/2004	39	12/1/2007	29
3/1/2004	38	1/1/2008	29
4/1/2004	38	2/1/2008	29
5/1/2004	38	3/1/2008	29
6/1/2004	38	4/1/2008	29
7/1/2004	37	5/1/2008	29
8/1/2004	37	6/1/2008	29
9/1/2004	37	7/1/2008	28
10/1/2004	37	8/1/2008	28
11/1/2004	36	9/1/2008	28
12/1/2004	36	10/1/2008	28
1/1/2005	36	11/1/2008	28
2/1/2005	36	12/1/2008	28
3/1/2005	36	1/1/2009	28
4/1/2005	35	2/1/2009	27
5/1/2005	35	3/1/2009	27
6/1/2005	35	4/1/2009	27
7/1/2005	35	5/1/2009	27
8/1/2005	34	6/1/2009	27
9/1/2005	34	7/1/2009	27
10/1/2005	34	8/1/2009	27

GCU 6
Unit L Sec 22 T28N - R12W
API No. 30-045-07287
San Juan County, NM

Reason for work

This well was originally completed as a nitro stimulated open hole Pictured Cliffs well and was recompleted to the Fruitland Coal in 1993. The objective of this workover is to downhole commingle the PC/FC and re-stimulate.

Procedure

1. Prepare location. Set deadmen anchors.
 2. MIRU SU. Record TP and CP. ND WH, NU BOP.
 3. POOH with 2-3/8" production tbg.
 4. RU air package. RIH with bit x DC's. D/O CIBP at 1431'. Clean out well to 1478' PBTB.
- NOTE: Do not disturb calseal plug 1478' - 1498'. This is a water shut off plug.
5. PU 5-1/2" 14# csg scraper. Make scraper run to csg shoe at 1433'.
 6. Set RBP at +/- 1350'. Load csg with water and pressure test to 500 psi. Swab fluid back and retrieve RBP.
 7. RIH with AD-1 tension pkr and 2-7/8" frac string. Set pkr @ +/- 1300'.
 8. Move in clean frac tank and fill with volume of clean 4% KCl water per Schlumberger Clearfrac procedure (___bbls).
 9. RU 5000 psi frac valve.
 10. 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.
 11. Flush with foam to top perf at 1410'. Do not overdisplace.
 12. 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.

13. Release pkr. POOH and LD frac string and pkr.
14. RIH with bit x DC's. RU air package and clean out to 1478' PBTB.
15. PU above csg shoe. Flow well 30 minutes. RIH to TD, cleaning out again if necessary. Repeat Step 14 until sand feed-in stabilizes.
16. Strip in hole 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 +/- 1450'.
17. ND BOP. NU tree.
18. RU slickline and retrieve plug.
19. Flow well back 1-2 hrs.
20. RDMO SU.

Allen Kutch

281-366-7955 office
281-366-0700 fax
888-788-6522 pager

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 Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-07287	² Pool Code 79680	³ Pool Name WEST, KUTZ PICTURED CLIFFS
⁴ Property Code 00570	⁵ Property Name Gallegos Canyon Unit	⁶ Well Number 006
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁹ Elevation 5651' GL

¹⁰ Surface Location

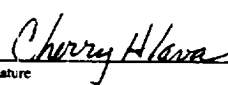
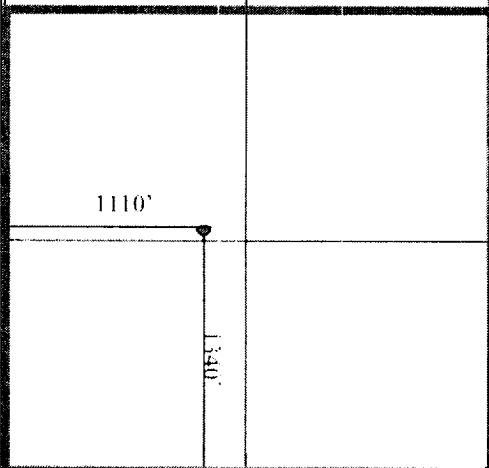
UL or lot no. Unit L	Section 22	Township 28N	Range 12W	Lot Idn	Feet from the 1340'	North/South line South	Feet from the 1110'	East/West line West	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

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 160	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 Cherry Hlava Printed Name Regulatory Analyst Title 10/30/2001 Date
				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: Plat on file Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-07287	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 00570	⁵ Property Name Gallegos Canyon Unit	⁶ Well Number 006
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁹ Elevation 5651' GL

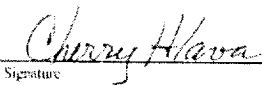
¹⁰ Surface Location

UL or lot no. Unit L	Section 22	Township 28N	Range 12W	Lot Idn	Feet from the 1340'	North/South line South	Feet from the 1110'	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
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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