

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. GALLEGOS CANYON UNIT 57	
2. Name of Operator AMOCO PRODUCTION COMPANY		Contact: CHERRY HLAVA E-Mail: hlava@bblp.com	9. API Well No. 30-045-06976
3a. Address P.O. BOX 3092 HOUSTON, TX 77253		3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700	10. Field and Pool, or Exploratory BASIN FC & , KUTZ PC, WEST
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 35 T28N R12W SWSW 990FSL 990FWL			11. 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			
<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 Subsurface Commingling
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 Kutz Picture Cliffs, West, frac the existing Basin Fruitland Coal and Downhole Commingling as per the attached procedure.

The Basin Fruitland Coal (71629) & Kutz Picture Cliffs, West (79680) 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 a fixed rate percent. After the well work is complete and the Fruitland Coal is isolated we will run a 30- day test on the Pictured Cliffs.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #8392 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by Lucy Bee on 11/21/2001 ()	
Name (Printed/Typed) CHERRY HLAVA	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 11/20/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>/s/ Jim Lovato</u>	Title	Date NOV - 9 2001
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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Additional data for EC transaction #8392 that would not fit on the form

32. Additional remarks, continued

Based on this 30-day test period a fixed rate percent will be established from the PC. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the 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 57
Unit M Sec 35 T28N - R12W
API No. 30-045-06976
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 1992. The objective of this workover is to down hole commingle the PC/FC and re-stimulate. The Pictured Cliffs will be tested independently of the Fruitland Coal for approximately 30 days to determine allocation factors.

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 1625'. C/O well to 1692' TD.
5. PU scraper for 5-1/2" 14# & 20# csg. Make scraper run to csg shoe at 1626'.
6. RIH with AD-1 tension pkr and 2-7/8" frac string. Set pkr @ +/- 1550'. 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 perfs. 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) Muleshoe sub
 - b) F-nipple with blanking plug set.
 - c) AD-1 tension pkr dressed for 5-1/2" 20#.
 - d) 2-3/8" tbg to surface

Set pkr between the bottom FC perf and casing shoe.
16. ND BOP. NU tree.
17. RU slickline and retrieve plug. Flow well back 1-2 hrs.
18. RDMO SU.

Allen Kutch

281-366-7955 office
281-366-0700 fax

GCU 57
San Juan County, NM
Unit M Section 35 of R28W - T12N
Run 27

5-21-2001
ATK

KB: 6' abv GL

SN @ 1596'

2-3/8" EUE 8rd @
1612'

FC perfs:
1603' - 1617'

T/ PC @ 1619'

8-5/8" 25.6# @ 72'
w/ 34 sxs

CIBP @ 1625'

50 jts 5-1/2" 14# J55 & btm
2 jts 5-1/2" 20# @ 1626' w/
100 sxs

PBTD:
TD: 1692'

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 30-045-06976	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 000570	⁵ Property Name Gallegos Canyon Unit	⁶ Well Number 57
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁹ Elevation 6015'

¹⁰ Surface Location

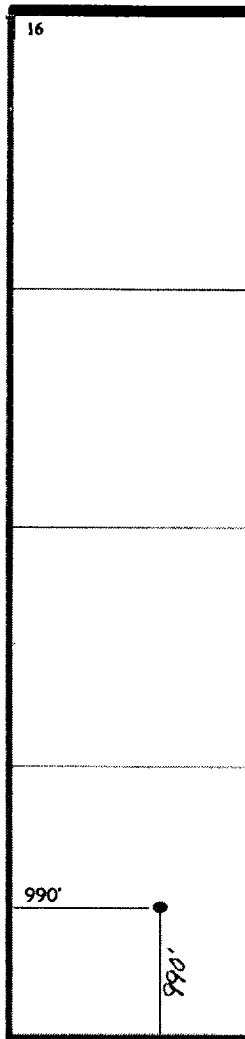
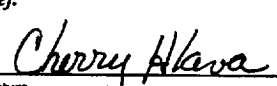
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Unit M	35	28N	12W		990'	South	990'	West	San Juan

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
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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

<div>16</div> <div></div>	<div>17 OPERATOR CERTIFICATION</div> <div><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></div> <div> Signature</div> <div>Cherry Hlava Printed Name</div> <div>Regulatory Analyst Title</div> <div>11/20/2001 Date</div>			
	<div>18 SURVEYOR CERTIFICATION</div> <div><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></div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div>			
	ORIGINAL ON FILE			
	Certificate Number			

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

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Revised August 15, 2000OIL CONSERVATION DIVISION
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Santa Fe, NM 87505Submit to Appropriate District Office
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WELL LOCATION AND ACREAGE DEDICATION PLAT

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⁴ Property Code 000570	⁵ Property Name Gallegos Canyon Unit	⁶ Well Number 57
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁹ Elevation 6015'

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Unit M	35	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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¹⁶ 				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature
				Printed Name Cherry Hlava Title Regulatory Analyst Date 11/20/2001 Date
				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 Signature and Seal of Professional Surveyor: ORIGINAL ON FILE Certificate Number