

Submit 3 Copies To Appropriate District Office  
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  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised March 25, 1999

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-104) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-06979
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Amoco Production Company		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 3092 Houston, Tx 77253		7. Lease Name or Unit Agreement Name: Gallegos Canyon Unit (Federal Well SF-078903 also filed on BLM form 3160-5)
4. Well Location Unit Letter <u>M</u> <u>990</u> feet from the <u>South</u> line and <u>990</u> feet from the <u>West</u> line Section <u>36</u> Township <u>28N</u> Range <u>12W</u> NMPM <u>San Juan</u> County		8. Well No. 053
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 6021' KB		9. Pool name or Wildcat Basin Fruitland Coal & West, Kutz PC

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: Re-enter PC & DHC with existing Fruitland Coal <input type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

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 NMOCDCASE 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 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.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 11/01/01

Type or print name Cherry Hlava Telephone No. 281-366-4081

(This space for State use)

APPROVED BY STEWART N. KUTZ TITLE DEPUTY DIR. & ASST. TO DIR. DATE DEC - 5 2001

Conditions of approval, if any:

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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**

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

**<sup>10</sup> Surface Location**

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

**<sup>11</sup> 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

<sup>12</sup> Dedicated Acres <b>320 Ac.</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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><sup>16</sup></p>	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Cherry Hlava</i> Signature</p> <p><b>Cherry Hlava</b> Printed Name</p> <p><b>Regulatory Analyst</b> Title</p> <p><b>10/31/2001</b> Date</p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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><b>ORIGINAL ON FILE</b></p> <p>_____ Certificate Number</p>

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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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


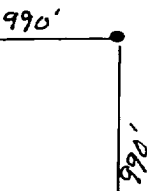
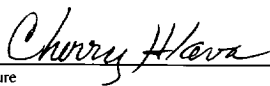
<sup>10</sup> Surface Location

UL or lot no. <b>Unit M</b>	Section <b>36</b>	Township <b>28N</b>	Range <b>12W</b>	Lot Idn	Feet from the <b>990'</b>	North/South line <b>South</b>	Feet from the <b>990'</b>	East/West line <b>West</b>	County <b>San Juan</b>
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<sup>11</sup> 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
<sup>12</sup> Dedicated Acres <b>160 Ac.</b>		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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 style="text-align: center;">  </div>	<sup>16</sup>		<div style="text-align: center;">  </div>	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> <div style="text-align: right;">             Signature         </div> <div style="text-align: right;"> <b>Cherry Hlava</b>            Printed Name  <b>Regulatory Analyst</b>            Title  <b>10/31/2001</b>            Date         </div>	
				<sup>18</sup> 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> <div style="text-align: right;">           Date of Survey            Signature and Seal of Professional Surveyor:   <b>ORIGINAL ON FILE</b>            Certificate Number         </div>	

**Gallegos Canyon Unit Well No. 53**  
**Basin Fruitland Coal Future Decline**

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. REMO SU.

Allen Kutch

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888-788-6522 pager

