

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

Form C-103  
Revised March 25, 1999

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

WELL API NO. <b>30-045-07931</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS  
(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-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
**Amoco Production Company**

Attn: **Cherry Hlava**

3. Address of Operator  
**P.O. Box 3092 Houston, TX 77253**

4. Well Location

Unit Letter **A** **400** feet from the **North** line and **770** feet from the **East** line

Section **30** Township **29N** Range **12W** NMPM **San Juan** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**5307' GR**

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: **Re-enter Pictured Cliffs & DHC w/ FS** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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 recompilation.

Amoco Production Company request permission to re-enter the Kutz Pictured Cliffs West Pool and commingle production downhole with the existing N. Pinon Fruitland Sand Pool as per the attached procedure.

The N. Pinon Fruitland Sand (82920) & the Kutz Pictured Cliffs West (79680) Pools are Pre-Approved for Downhole Commingling per NMOCD 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 Sand. 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 Pictured Cliffs. Attached is the future production decline estimates for the Fruitland Sand. Commingling Production Downhole in the subject well from the proposed pools with not reduce the value of the total remaining production.

**DH6633A Z**

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 **01/14/2002**

Type or print name **Cherry Hlava**

Telephone No. **281-366-4081**

(This space for State use)

APPROVED BY

TITLE

DATE

Conditions of approval, if any:

DEPUTY OIL & GAS INSPECTOR, STATE OF NM

**JAN 18 2002**

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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

<sup>1</sup> API Number <b>30-045-07931</b>	<sup>2</sup> Pool Code <b>79680</b>	<sup>3</sup> Pool Name <b>Kutz Picture Cliffs, West</b>
<sup>4</sup> Property Code <b>00570</b>	<sup>5</sup> Property Name <b>Gallegos Canyon Unit</b>	<sup>6</sup> Well Number <b>28</b>
<sup>7</sup> OGRID No. <b>000778</b>	<sup>8</sup> Operator Name <b>Amoco Production Company</b>	<sup>9</sup> Elevation <b>5307' GL</b>

<sup>10</sup> Surface Location

UL or lot no. <b>Unit A</b>	Section <b>30</b>	Township <b>29N</b>	Range <b>12W</b>	Lot Idn	Feet from the <b>400</b>	North/South line <b>North</b>	Feet from the <b>770'</b>	East/West line <b>East</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</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 data-bbox="191 1102 527 1436"></div>	<div data-bbox="885 1000 998 1074"></div>				<div data-bbox="1063 995 1518 1032"><b><sup>17</sup> OPERATOR CERTIFICATION</b></div> <div data-bbox="1063 1032 1518 1138">I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</div> <div data-bbox="1063 1138 1518 1234"> Signature</div> <div data-bbox="1063 1234 1518 1308">Cherry Hlava Printed Name</div> <div data-bbox="1063 1308 1518 1372">Regulatory Analyst Title</div> <div data-bbox="1063 1372 1518 1478">01/14/2002 Date</div>
					<div data-bbox="1063 1510 1518 1542"><b><sup>18</sup> SURVEYOR CERTIFICATION</b></div> <div data-bbox="1063 1542 1518 1670">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.</div> <div data-bbox="1063 1670 1518 1734"></div> <div data-bbox="1063 1734 1518 1798">Date of Survey Signature and Seal of Professional Surveyor:</div> <div data-bbox="1063 1798 1518 1968">Original on file Certificate Number</div>

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Revised August 15, 2000

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT


<sup>1</sup> API Number <b>30-045-07931</b>		<sup>2</sup> Pool Code <b>82920</b>		<sup>3</sup> Pool Name <b>N. PINON FRUITLAND SAND</b>	
<sup>4</sup> Property Code <b>00570</b>		<sup>5</sup> Property Name <b>Gallegos Canyon Unit</b>			<sup>6</sup> Well Number <b>28</b>
<sup>7</sup> OGRID No. <b>000778</b>		<sup>8</sup> Operator Name <b>Amoco Production Company</b>			<sup>9</sup> Elevation <b>5307' GL</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
Unit A	30	29N	12W		400	North	770'	East	San Juan

<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</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

<div>16</div> 	<div>17 OPERATOR CERTIFICATION</div> <p>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></p> <p>Signature</p> <p>Cherry Hlava</p> <p>Printed Name</p> <p>Regulatory Analyst</p> <p>Title</p> <p>01/14/2002</p> <p>Date</p>			
	<div>18 SURVEYOR CERTIFICATION</div> <p>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>			

## GCU Well Work Procedure

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<b>Well Name:</b>	<b>GCU #28</b>
<b>Date:</b>	1/04/02
<b>SAP Number</b>	X5-xxxxx

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**Objective:**

Re-enter Pictured Cliffs and downhole commingle with existing Fruitland Sand completion.

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**Pertinent Information:**

Location: Sec.30, T29N-R12W  
County: San Juan  
State: New Mexico  
Lease:  
Meter No. 52992956  
Well Flac: 88663501

Horizon: PC to FS and cmgl.  
API #: 30-045-07931  
Engr: John Papageorge  
Phone: W (281)366-5721  
H (713)464-5053

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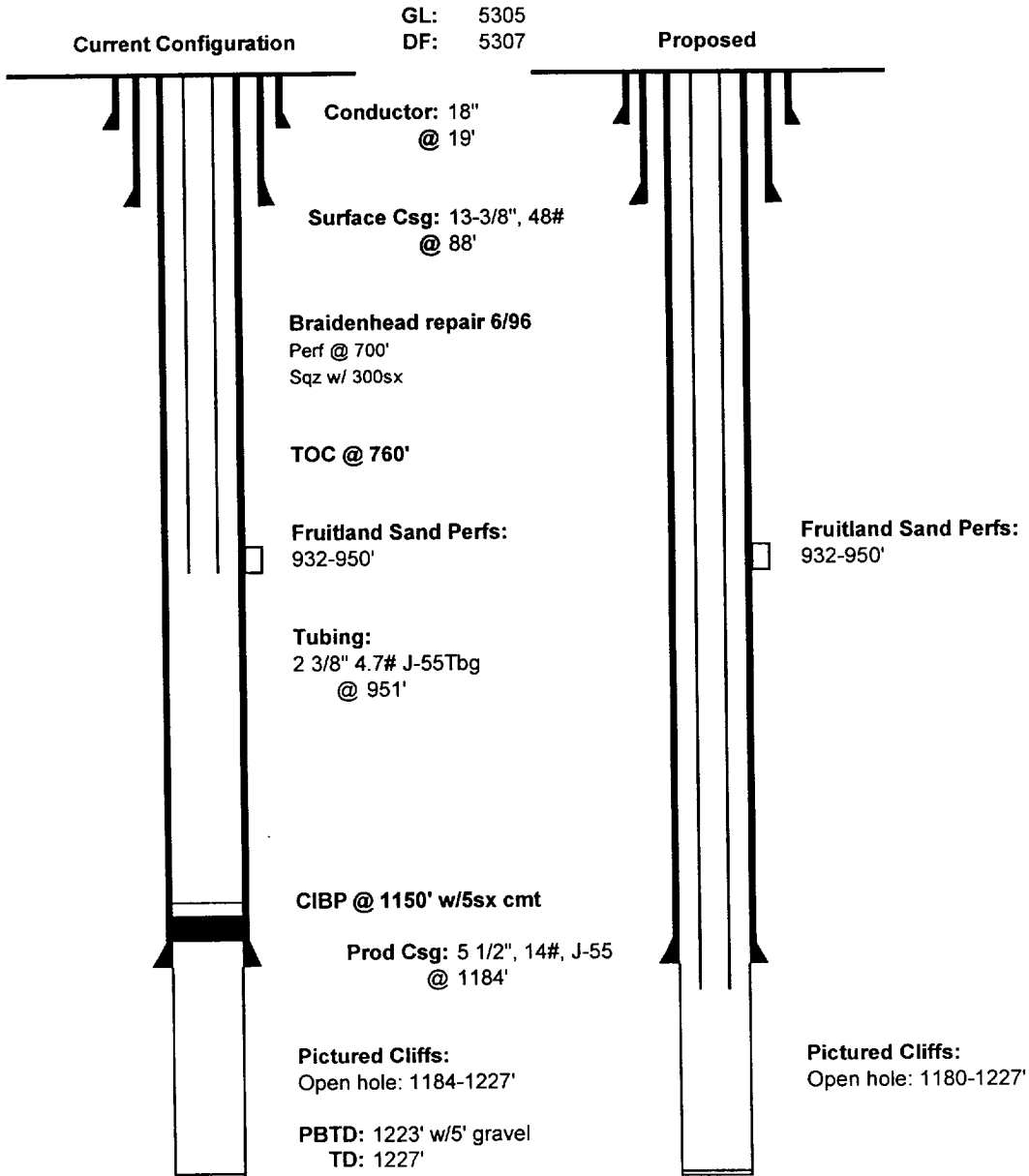
**Note: Prior to scheduling rig, confirm that surface facility modifications have been initiated.**

1. Check anchors. MIRU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary with 2% KCL water.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. Tag PBTD. Tally out of hole and LD tubing.
6. RU air package. RIH with bit and drill collars. Drill out CIBP @ 1150' and push to bottom. CO to 1223'. Do not disturb gravel plug @ 1223-1225'.
7. TIH and land 2 3/8" tubing at approximately 1200'. Attempt to flow well and test. If additional stimulation is necessary, proceed with Step #8. Otherwise, skip to Step #15
8. POOH. Make scraper run to casing shoe @1184'.
9. RIH w/packer on 2-7/8" frac string. Set packer at approximately 1100'.
10. RU frac equipment. Frac stimulate down tubing according to Schedule 'A'.
11. Flow back immediately after frac equipment is off well. Flow until well logs off or fluid recovery falls off to less than 2 bph.
12. Release packer. POOH and LD frac string.
13. RIH with bit and DC's. RU air package and clean out to TD. Flow and clean out as necessary.
14. RIH with 2-3/8" production tubing and land at approximately 1200'.
15. Run pump and rods. RDMO. Hook up to pumping unit. Pump to unload and test.

## GCU #28

### Wellbore Diagram

400' FNL x 770' FEL  
Sec. 30, T29N, R12W  
San Juan Co., NM



**GALLEGOS CANYON  
UNIT 28  
FRUITLAND SAND  
PROJECTED FUTURE DECLINE**

30-045-07931

DATE	Forecast
01/01/02	35
02/01/02	34
03/01/02	34
04/01/02	34
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06/01/02	34
07/01/02	34
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