

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. 30-045-07287
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Gallegos Canyon Unit (Federal Well SF-078905 also filed on BLM form 3160-5)
8. Well No. 006
9. Pool name or Wildcat Basin Fruitland Coal & West, Kutz PC

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other
2. Name of Operator Amoco Production Company
3. Address of Operator P.O. Box 3092 Houston, Tx 77253
4. Well Location

Unit Letter <u>L</u> <u>1340</u> feet from the <u>South</u> line and <u>1110</u> feet from the <u>West</u> line
Section <u>22</u> Township <u>28N</u> Range <u>12W</u> NMPM <u>San Juan</u> County
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>5651' GR</u>

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

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"/>

SUBSEQUENT REPORT OF:

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: Re-enter PC & DHC with existing Fruitland Coal ☒

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 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.

DHC 593 A2

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 10/16/01

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

(This space for State use)

APPROVED BY Original Signed by STEVEN L. FAYOR TITLE DEPUTY OIL & GAS INSPECTOR DIST. 4 DATE NOV -2 2001

Conditions of approval, if any:

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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
Fee Lease - 3 Copies

☐ 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.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Unit L	22	28N	12W		1340'	South	1110'	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 320	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			

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Revised August 15, 2000

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☐ 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

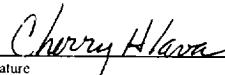
UL or lot no. Unit L	Section 22	Township 28N	Range 12W	Lot Idn	Feet from the 1340'	North/South line South	Feet from the 1110'	East/West line West	County San Juan
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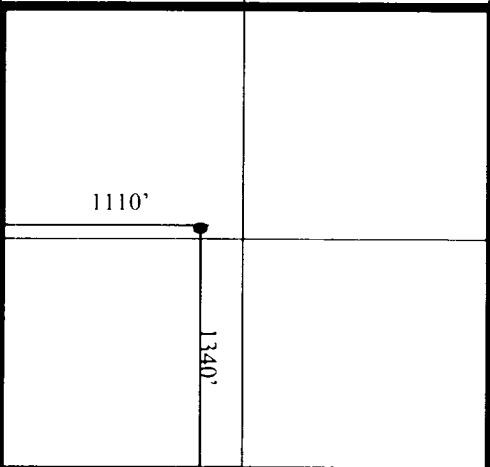
¹¹ Bottom Hole Location If Different From Surface

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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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' PBTD.
- 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

GCU 6
San Juan County, NM
Unit L Section 22 of R28W - T12N
Run 24

9-6-2001
ATK

KB: 9' abv GL

SN @ 1412'

2-3/8" EUE 8rd @
1417'

FC perfs:
1410' - 1421'

T/ PC @ 1425'

10-3/4" @ 312' w/
150 sxs

CIBP @ 1431'

5-1/2" 14# J55 @ 1433' w/
200 sxs.

PBTD: 1478' (calseal)
TD: 1498'

**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