

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		5. Lease Serial No. I-149-IND-8475
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
Contact: CHERRY HLAVA E-Mail: hlavaci@bp.com		7. Unit or CA/Agreement, Name and/or No.
3a. Address P.O. BOX 3092 HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700	8. Well Name and No. GALLEGOS CANYON UNIT 18
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T28N R12W Mer SENE 1650FNL 900FEL		9. API Well No. 30-045-07338
		10. Field and Pool, or Exploratory BASIN FC & KUTZ PC, WEST
		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"/> SUBCOM
	<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 recomplete 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 recompletion 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 into the Kutz Picture Cliffs, West pool and commingle production downhole with the existing Basin Fruitland Coal 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 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 Kutz Picture Cliffs, West. 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.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #5583 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by Lucy Bee on 08/13/2001 ()</b>	
Name (Printed/Typed) CHERRY HLAVA	Title AUTHORIZED REPRESENTATIVE
Signature	Date 08/09/2001

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>/s/ Jim Lovato</u>	Title	Date <u>AUG 15 2001</u>
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	

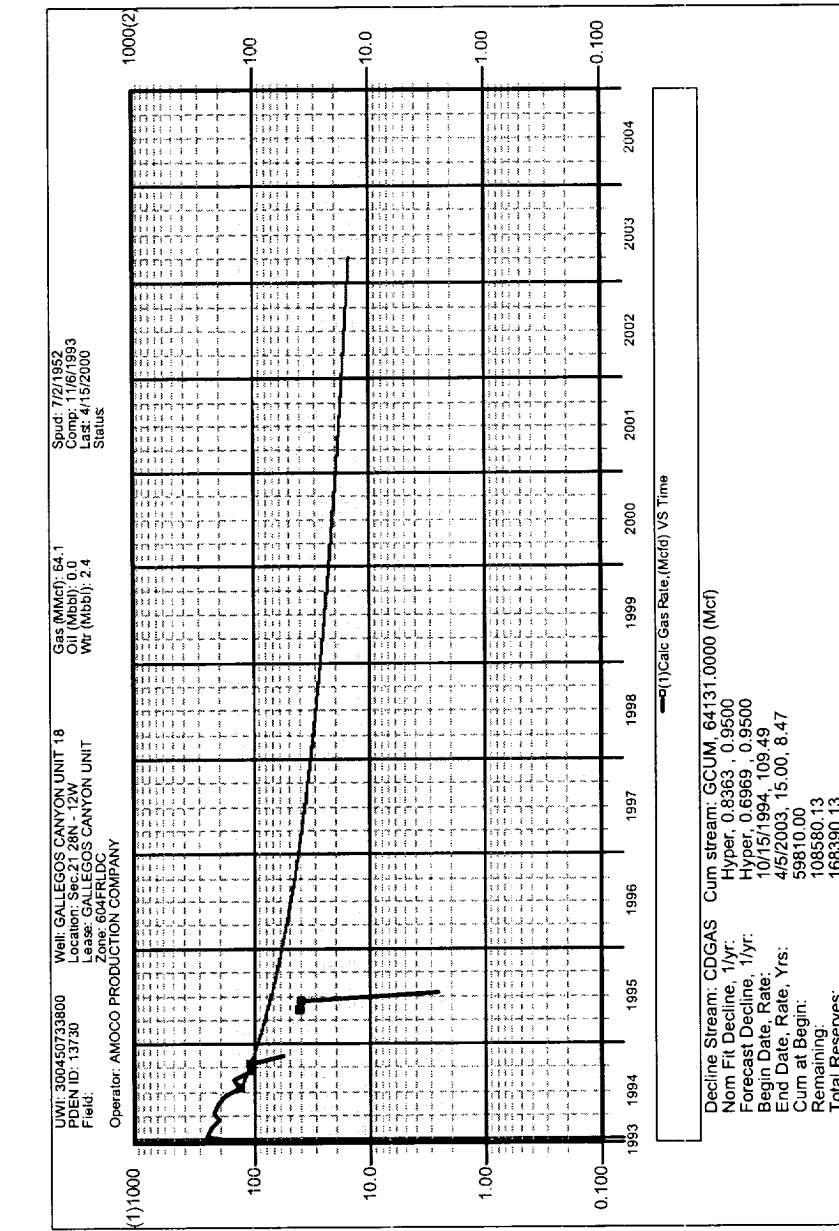
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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**BIA, Gallup - Bertha Spencer**

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**GALLEGOS CANYON**  
**UNIT 18**  
**Future Production Decline for Basin Fruitland Coal**



PDEN	UWI	DATE	Gas	Forecast
13730	300450733800	12/01/2001	73	
13730	300450733800	01/01/2002	70	
13730	300450733800	02/01/2002	68	
13730	300450733800	03/01/2002	65	
13730	300450733800	04/01/2002	63	
13730	300450733800	05/01/2002	61	
13730	300450733800	06/01/2002	59	
13730	300450733800	07/01/2002	57	
13730	300450733800	08/01/2002	55	
13730	300450733800	09/01/2002	54	
13730	300450733800	10/01/2002	52	
13730	300450733800	11/01/2002	51	
13730	300450733800	12/01/2002	49	
13730	300450733800	01/01/2003	48	
13730	300450733800	02/01/2003	47	
13730	300450733800	03/01/2003	46	
13730	300450733800	04/01/2003	44	
13730	300450733800	05/01/2003	43	
13730	300450733800	06/01/2003	42	
13730	300450733800	07/01/2003	41	
13730	300450733800	08/01/2003	40	
13730	300450733800	09/01/2003	40	
13730	300450733800	10/01/2003	39	
13730	300450733800	11/01/2003	38	
13730	300450733800	12/01/2003	37	
13730	300450733800	01/01/2004	36	
13730	300450733800	02/01/2004	36	
13730	300450733800	03/01/2004	35	
13730	300450733800	04/01/2004	34	
13730	300450733800	05/01/2004	34	
13730	300450733800	06/01/2004	33	
13730	300450733800	07/01/2004	32	
13730	300450733800	08/01/2004	32	
13730	300450733800	09/01/2004	31	
13730	300450733800	10/01/2004	31	
13730	300450733800	11/01/2004	30	
13730	300450733800	12/01/2004	30	
13730	300450733800	01/01/2005	29	
13730	300450733800	02/01/2005	29	
13730	300450733800	03/01/2005	28	

GALLEGOS CANYON

UNIT 18

Future Production Decline for Basin Fruitland Coal

PDEN	UWI	DATE	Gas
13730	300450733800	04/01/2005	28
13730	300450733800	05/01/2005	27
13730	300450733800	06/01/2005	27
13730	300450733800	07/01/2005	27
13730	300450733800	08/01/2005	26
13730	300450733800	09/01/2005	26
13730	300450733800	10/01/2005	25
13730	300450733800	11/01/2005	25
13730	300450733800	12/01/2005	25
13730	300450733800	01/01/2006	24
13730	300450733800	02/01/2006	24
13730	300450733800	03/01/2006	24
13730	300450733800	04/01/2006	23
13730	300450733800	05/01/2006	23
13730	300450733800	06/01/2006	23
13730	300450733800	07/01/2006	22
13730	300450733800	08/01/2006	22
13730	300450733800	09/01/2006	22
13730	300450733800	10/01/2006	22
13730	300450733800	11/01/2006	21
13730	300450733800	12/01/2006	21
13730	300450733800	01/01/2007	21
13730	300450733800	02/01/2007	21
13730	300450733800	03/01/2007	20
13730	300450733800	04/01/2007	20
13730	300450733800	05/01/2007	20
13730	300450733800	06/01/2007	20
13730	300450733800	07/01/2007	19
13730	300450733800	08/01/2007	19
13730	300450733800	09/01/2007	19
13730	300450733800	10/01/2007	19
13730	300450733800	11/01/2007	19
13730	300450733800	12/01/2007	18
13730	300450733800	01/01/2008	18
13730	300450733800	02/01/2008	18
13730	300450733800	03/01/2008	18
13730	300450733800	04/01/2008	18
13730	300450733800	05/01/2008	17
13730	300450733800	06/01/2008	17
13730	300450733800	07/01/2008	17
13730	300450733800	08/01/2008	17

GALLEGOS CANYON

UNIT 18

Future Production Decline for Basin Fruitland Coal

PDEN	UWI	DATE	Gas
13730	300450733800	09/01/2008	17
13730	300450733800	10/01/2008	17
13730	300450733800	11/01/2008	16
13730	300450733800	12/01/2008	16
13730	300450733800	01/01/2009	16
13730	300450733800	02/01/2009	16
13730	300450733800	03/01/2009	16
13730	300450733800	04/01/2009	16
13730	300450733800	05/01/2009	16
13730	300450733800	06/01/2009	15
13730	300450733800	07/01/2009	15
13730	300450733800	08/01/2009	15
13730	300450733800	09/01/2009	15

**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

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

<sup>1</sup> API Number <b>30-045-07338</b>	<sup>2</sup> Pool Code <b>71629 &amp; 79680</b>	<sup>3</sup> Pool Name <b>Basin Fruitland Coal &amp; Kutz Pictured Cliffs, West</b>
<sup>4</sup> Property Code <b>000570</b>	<sup>5</sup> Property Name <b>Gallegos Canyon Unit</b>	
<sup>7</sup> OGRID No. <b>000778</b>	<sup>8</sup> Operator Name <b>Amoco Production Company</b>	
		<sup>6</sup> Well Number <b>18</b>
		<sup>9</sup> Elevation <b>5569'</b>

<sup>10</sup> Surface Location

UL or lot no. <b>Unit H</b>	Section <b>21</b>	Township <b>28N</b>	Range <b>12W</b>	Lot Idn	Feet from the <b>1650'</b>	North/South line <b>North</b>	Feet from the <b>900'</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
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<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.
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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

<sup>16</sup> 	<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> <b>Cherry Hlava</b> Signature <i>Cherry Hlava</i> Printed Name <b>Cherry Hlava</b> Permitting Analyst Title Date <b>07/10/2001</b>	
	<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>	
	Date of Survey Signature and Seal of Professional Surveyor:	
	<b>ORIGINAL ON FILE</b> Certificate Number	

Gallegos Canyon Unit 18  
Unit H Sec 21 T28N - R12W  
API No. 30-045-07338  
San Juan County, NM

Procedure

1. Prepare location. Set deadmen anchors.
2. MIRU SU. Record TP and CP. ND WH, NU BOP.  
NOTE: If well is located in crop circle, may need to lower WH to accommodate future pumping unit.
3. POOH with 2-3/8".
4. RU air package. RIH with bit x DC's. D/O CIBP at 1376'.  
Clean out well to 1429' TD.
5. PU 5-1/2" 14# csg scraper. Make scraper run to csg shoe at 1374'.
6. RIH with RBP and set at +/- 1250'. Load well with water and test csg to 300 psi. Retrieve RBP.
7. RIH with AD-1 tension pkr and 2-7/8" frac string. Set pkr @ +/- 1300'. Load backside with clean KCl water.  
Pressure test to 300 psi.
8. RU surface with 5000 psi frac valve.
9. MIRU Schlumberger. Frac well according to attached Pumping Schedule with \_ gallons 70 quality nitrogen foam and \_lbs \_sand. Tail in with PropNet on last \_ lbs.
10. Flush with foam to top perf at 1354'. 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 csg shoe. Flow well 30 minutes. RIH to TD, cleaning out again if necessary. Repeat Step 15 until sand feed-in stabilizes.
15. RIH with following production string:
  - a) 1 jt 2-3/8" tbg
  - b) F-nipple
  - c) 2-3/8" tbg to surfaceLand EOT at +/- 1385'.
16. ND BOP. NU tree. RDMO SU.

Allen Kutch  
281-366-7955 office  
281-366-0700 fax

Gallegos Canyon Unit 18  
San Juan County, NM  
Unit H Section 21 of R28W - T12N  
Run

ATK

KB: 6' abv GL

8-5/8" 25.55# @ 610'  
w/ 300 sxs

SN @ 1318'

2-3/8" EUE 8rd @  
1351'

FC perfs:  
1354' - 1368'

T/ PC @ 1365'

CIBP @ 1376'

5-1/2" 14# J55 @ 1374' w/  
100 sxs.

PBTD:  
TD: 1429'