

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**SUNDY 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**FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

5. Lease Serial No. 1149 IND 8476
6. If Indian, Allottee or Tribe Name <i>Navajo Allottee</i>
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. GALLEGOS CANYON UNIT 227
9. API Well No. 30-045-11624
10. Field and Pool, or Exploratory <i>Pine Fruitland Sand, North</i>
11. County or Parish, and State SAN JUAN COUNTY, NM

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	2. Name of Operator AMOCO PRODUCTION COMPANY	Contact: CHERRY HLAVA E-Mail: hlavac@bp.com
3a. Address P.O. BOX 3082 HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T28N R12W Mer SENE 1680FNL 1155FWL		

## 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 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 requests permission to recompleat the subject well from the Basin Dakota into the Basin Fruitland Coal as per the attached procedure.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #5065 verified by the BLM Well Information System  
For AMOCO PRODUCTION COMPANY, sent to the Farmington  
Committed to AFMSS for processing by Maurice Johnson on 06/18/2001 ()

Name (Printed/Typed) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature

Date 06/18/2001

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date 7/9/01
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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**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

811 South First, Artesia, NM 88210

**District III**

1009 Rio Brazos Rd., Aztec, NM 87410

**District IV**

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources DepartmentOIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505Form C-102  
Revised June 20, 2001Submit 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>30-045-11624</b>	<sup>2</sup> Pool Code <b>82920</b>	<sup>3</sup> Pool Name <b>Pinon Fruitland Sand, North</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Gallegos Canyon Unit</b>	<sup>6</sup> Well Number <b>227</b>
<sup>7</sup> OGRID No. <b>000778</b>	<sup>8</sup> Operator Name <b>Amoco Production Company</b>	<sup>9</sup> Elevation <b>5526'</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 H	20	28N	12W		1680'	North	1155'	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 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

16				1680'	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  <b>Cherry Hlava</b> Signature <i>Cherry Hlava</i> Printed Name <b>Cherry Hlava</b> Permitting Analyst Title <b>06/20/2001</b> Date
				1155'	
					<sup>18</sup> 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.  <b>02/02/1966</b> Date of Survey Signature and Seal of Professional Surveyor:  <b>James P. Leese</b> <b>1463</b> Certificate Number

Gallegos Canyon Unit 227  
San Juan County, NM  
Unit H Sec 20 T28N-R12W  
API No. 30-045-11624

Procedure:

1. MIRU SU. ND tree, NU BOP.
2. POOH with 2-3/8" tbg.
3. Make bit x scraper run to 5800'. RIH with CIBP on tbg and set CIBP @ 5800'. Load well with KCl water.
4. Set 15 sack balanced cmt plug 5600' - 5800' to abandon DK.
5. Set 15 sack balanced cmt plug 4750' - 4950' to abandon GP.
6. Set 15 sack balanced cmt plug 2700' - 2900' to abandon MV.
7. RU electric line. Log GR/CCL 900' - 1400'. Correlate to Lane Wells Induction Electrolog dated 3/16/66.
8. Perforate Fruitland Sand with 3-1/8" casing guns, 4 SPF, BH charges, 90 deg phased:  
  
1000' - 1020'  
  
1095' - 1105'
9. RIH with 2-3/8" frac string x tension pkr. Set pkr @ +/- 950'. Load backside with KCl water and test to 300 psi. Swab. If well kicks off, estimate flowrate through 1/4" choke nipple. Report results to engineer.
10. RU surface with 5000 psi frac valve.
11. MIRU Schlumberger. Frac well down 2-3/8" tbg according to attached Pumping Schedule with 500 gal 15% HCl spearhead followed by \_\_\_\_\_ gallons 70 quality nitrogen foam and \_\_\_\_\_ lbs 16/30 sand. Tail in with PropNet on last \_\_\_\_\_ lbs.
12. Flush with foam to top perf. Do not overdisplace.
13. 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.

14. Release pkr. POOH and LD frac string and pkr.

15. Clean out to PBTD.

16. RIH with following production string:

- a) Muleshoe collar
- b) F-nipple
- c) 2-3/8" tbg to surface

Land EOT at +/- 1010'.

17. ND BOP. NU tree. Flow well 2-3 hrs, swabbing if necessary. RDMO PU.

Allen Kutch  
281-366-7955 office  
888-788-6522 pager  
979-865-0140 home  
281-366-0700 fax

GCU 227  
San Juan County, NM  
Unit H Section 20 of R28W - T12N  
Run 25

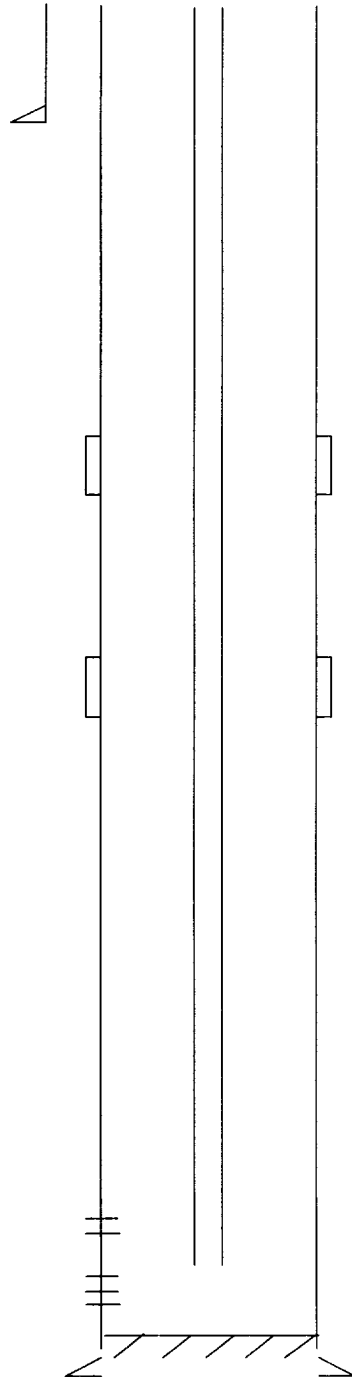
4-25-2001  
ATK

KB: 13' above GL

DK perfs:

5915' - 5935'

5832' - 5844'



8-5/8" 24# J55 @  
346' w/ 215 sxs

DV tool @ 1432'  
w/ 400 sxs

DV tool @ 4152'  
W/ 550 sxs

SN @ 5885'

2-3/8" @ 5886'

4-1/2" 10.5# J55 @ 6022'  
stg 1: 500 sxs  
stg 2: 550 sxs  
stg 3: 400 sxs

PBTD: 5988'  
TD: 6022'