Form 3160-5
(August 1999)

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.

5. Lease Serial No.
SF - 078904

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

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

8. Well Name and No.
GALLEGOS CANYON UNIT 291

2. Name of Operator
AMOCO PRODUCTION COMPANY

Contact: CHERRY HLAVA
E-Mail: hlavacl@bp.com

9. API Well No.
30-045-23822

3a. Address
P.O. BOX 3092
HOUSTON, TX 77079

3b. Phone No. (include area code)
Ph: 281.366.4081
Fx: 281.366.0700

10. Field and Pool, or Exploratory
PINON FRUITLAND SAND

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 23 T28N R12W NWSE 1850FSL 1850FEL

11. County or Parish, and State
SAN JUAN COUNTY, NM

NOV 2001
RECEIVED
OIL CON. DIV.
DIST. 3

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☒ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 requests permission to abandon the existing Basin Fruitland Coal portion of this well and recomplete into the Pinon Fruitland Sand as per the attached procedure.

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

Electronic Submission #8690 verified by the BLM Well Information System
For AMOCO PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by Lucy Bee on 11/15/2001 ()

Name *(Printed/Typed)* CHERRY HLAVA — Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) — Date 11/08/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date 11/19/01

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

NMOCD

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

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

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-23822	82880	PINON FRUITLAND SAND

[4] Property Code	[5] Property Name	[6] Well Number
00570	Gallegos Canyon Unit	291

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	Amoco Production Company	5760' 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 J	23	28N	12W		1850'	South	1850'	East	San Juan

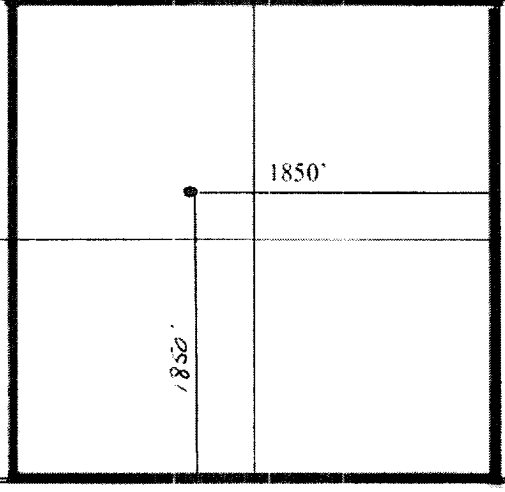
[11] Bottom Hole Location If Different From Surface

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	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

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

Cherry Hlava
Signature

Cherry Hlava
Printed Name

Regulatory Analyst
Title

11/07/2001
Date

[18] 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.

Date of Survey

Signature and Seal of Professional Surveyor:

Plat on file

Certificate Number

GCU 291
San Juan County, NM
Unit J Sec 23 T28N-R12W
API 30-045-23822

Reason for work:
Abandon the Fruitland Coal and recomplete to the Pinon Fruitland Sand.

Procedure:

1. MIRU SU. Record TP and CP. ND tree, NU BOP.

2. POOH with tbg.

3. RU Dowell. Spot 10 sack cmt plug from 1450' - 1578' to abandon the FC.

4. WOC. Test csg with rig pumps to 2500 psi.

5. Make bit x scraper run to 1350'.

6. RU electric line and lubricator. Log GR-CCL strip 1450' - 1100'. Correlate to Halliburton GR log dated 12/23/96.

NOTE: Top of 38' csg jt at 1148'

7. Perforate Fruitland Sand with 3-1/8" casing gun loaded 4 SPF, 90 degree phasing, BH charges:
1320' - 1335'

8. RU wellhead isolation tool.

9. MIRU Schlumberger. Frac well down 4-1/2" csg according to attached Pumping Schedule with 500 gal 15% HCl spearhead followed by _____ gallons 70 quality nitrogen foam and _____ 16/30 sand. Tail in with PropNet on last _____ lbs.

10. Flush with foam to top perf. 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. Strip in hole with following production string:
    a) Muleshoe collar
    b) F-nipple W/ blanking plug installed.
    c) 2-3/8" tbg to surface
13. Drop down and tag for fill. Land tbg at +/- 1325'.

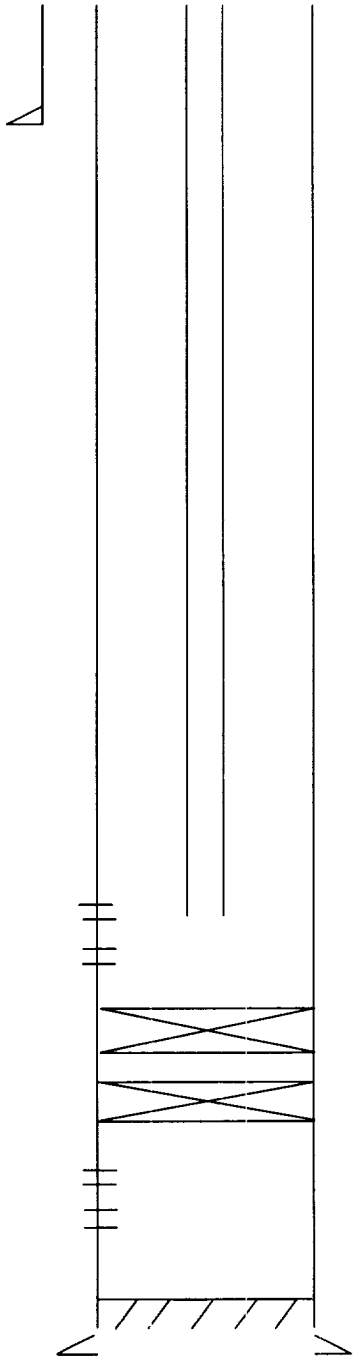
14. ND BOP. NU tree. RU slickline and retrieve plug. Flow back well 2-3 hrs, swabbing if neccessary. RDMO PU.

Allen Kutch 281-366-7955 office

GCU 291
San Juan County, NM
Unit J Section 23 of R28W - T12N

8-4-2001
ATK

KB: 10'



8-5/8" 20# @ 131' w/ 100 sxs

2-3/8" tbg @ 1578'

FC Perfs:

1558' - 1560'
1562' - 1576'

PC Perfs:

1582' - 1588'
1600' - 1510'

CIBP @ 1578'

CIBP @ 1579' (Sqzd w/ 125 sxs)

4-1/2" 9.5# K55 @ 1809' w/ 400 sxs, good cmt returns

PBTD: 1769'
TD: 1817'