

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. SF-078106 |
| 2. Name of Operator AMOCO PRODUCTION COMPANY | | 6. If Indian, Allottee or Tribe Name |
| 3a. Address P.O. BOX 3092 HOUSTON, TX 77253 | | 7. If Unit or CA/Agreement, Name and/or No. |
| 3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700 | | 8. Well Name and No. GALLEGOS CANYON UNIT 229E |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T28N R12W Mer NESE 1820FSL 1080FEL | | 9. API Well No. 30-045-23900 |
| | | 10. Field and Pool, or Exploratory FARMINGTON SAND WC 28N/DW 21E |
| | | 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 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 recompleate 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 recompleation 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.)

On 8/1/00 permission was granted to recompleate subject well from the Basin Dakota to the Basin Fruitland Coal. After a well review Wildcat Farmington was determind to be a more favorable sand.

Amoco Production Company requests permission to recompleate from the Basin Dakota to the Wildcat Farmington Sand as per the attached procedure and C-102.

| | |
|---|---------------------------------|
| 14. I hereby certify that the foregoing is true and correct. Electronic Submission #5357 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by Maurice Johnson on 07/08/2001 () | |
| Name (Printed/Typed) CHERRY HLAVA | Title AUTHORIZED REPRESENTATIVE |
| Signature | Date 06/28/2001 |

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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NMOW

K

Gallegos Canyon Unit 229E
San Juan County, NM
API 30-045-23900
Unit I Sec 21 T28N-R12W

Procedure:

NOTE: Charge steps 1 - 7 to abandonment.

1. MIRU SU. ND tree, NU BOP.
2. POOH with 2-3/8" tbg.
3. TIH with CIBP on tbg and set at +/- 5850'. Load hole with water and pressure test to 500 psi.
4. Spot 15 sack balanced cmt plug 5650' - 5850' to abandon DK.
5. Spot 15 sack balanced cmt plug 4900' - 5100' to abandon GP.
6. Spot 15 sack balanced cmt plug 2850' - 3050' to abandon MV.
7. Spot 15 sack balanced cmt plug 1450' - 1450' to abandon FC/PC.
8. WOC. Test csg to 2500 psi.
9. RU electric line. RU lubricator. Perforate Farmington Sand with 3-1/8" casing gun loaded 4 SPF:

542' - 552'
560' - 570'
577' - 587'
10. RU surface with 5000 psi frac valve.
11. 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.
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. Strip in hole with following production string:
 - a) Muleshoe collar
 - b) F-nipple W/ blanking plug installed.
 - c) 2-3/8" tbg to surface
15. Drop down and tag for fill. Land tbg at +/- 550'.
16. ND BOP. NU tree. RU slickline and retrieve plug. Flow back well 2-3 hrs, swabbing if neccessary. RDMO PU.

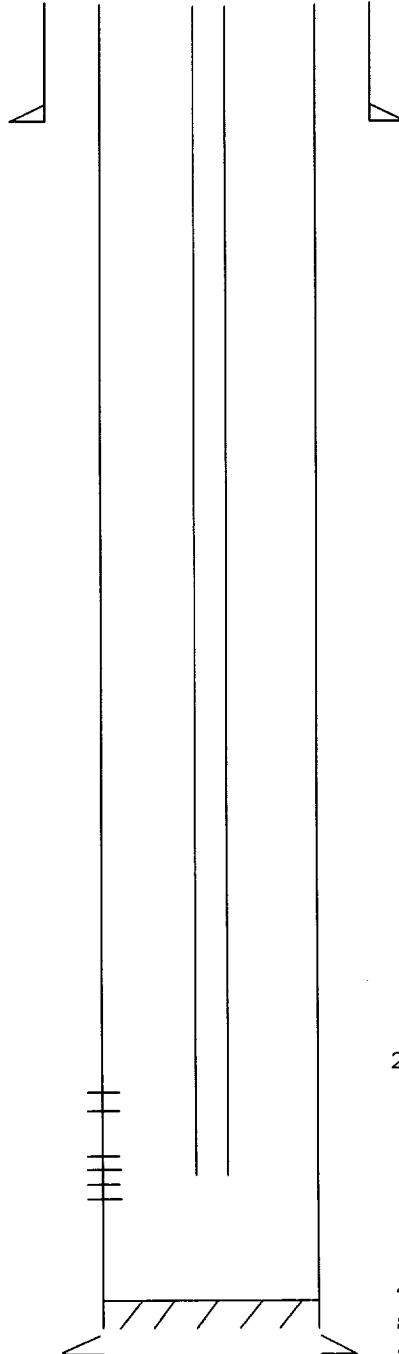
Allen Kutch
281-366-7955 office
888-788-6522 pager
979-865-0140 home
281-366-0700 fax

GCU 229E
San Juan County, NM
Unit I Section 21 of R28W - T12N

4-4-2001

ATK

KB:



DK Perfs:

5910' - 5928'
5982' - 6042'

PBTD: 6122'
TD: 6169'

FracCADE*
STIMULATION PROPOSAL

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

| | | |
|--|---|--|
| ¹ API Number 30-045-23900 | ² Pool Code WC 28N12W 28 E | ³ Pool Name Farmington Sand |
| ⁴ Property Code 000570 | ⁵ Property Name Gallegos Canyon Unit | ⁶ Well Number 229E |
| ⁷ OGRID No. 000778 | ⁸ Operator Name Amoco Production Company | ⁹ Elevation 5610' |

¹⁰ Surface Location

| | | | | | | | | | |
|--------------------------------|----------------------|------------------------|---------------------|---------|-------------------------------|----------------------------------|-------------------------------|-------------------------------|---------------------------|
| UL or lot no. Unit I | Section 21 | Township 28N | Range 12W | Lot Idn | Feet from the 1820' | North/South line South | Feet from the 1080' | East/West line East | County 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 160 Ac. | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ 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

| | | | | | | |
|---------------|--|--|--|--|---|---|
| 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 |
| | | | | | | Printed Name |
| | | | | | | Permitting Analyst Title |
| | | | | | | 06/20/2001 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> 05/05/2000 Date of Survey | |
| | | | | | Signature and Seal of Professional Surveyor: Fred B. Kerr, Jr. 3950 Certificate Number | |