

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

| | | |
|--|---|---|
| SUBMIT IN TRIPLICATE - Other instructions on reverse side. | | 5. Lease Serial No. SF-078903-A |
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 6. If Indian, Allottee or Tribe Name |
| 2. Name of Operator AMOCO PRODUCTION COMPANY | | 7. If Unit or CA/Agreement, Name and/or No. |
| Contact: CHERRY HLAVA E-Mail: hlavacl@bp.com | | 8. Well Name and No. GALLEGOS CANYON UNIT 24 |
| 3a. Address P.O. BOX 3092 HOUSTON, TX 77253 | 3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700 | 9. API Well No. 30-045-07003 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T28N R12W NWSE 1650FSL 1650FEL | | 10. Field and Pool, or Exploratory KUTZ PC, WEST & WILDCAT FARMING |
| | | 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"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | Subsurface Commingling |
| | <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 recomplete the subject well into Wildcat Farmington Sand and commingle production downhole with the existing Kutz Pictured Cliffs, West Pool as per the attached procedure.
The Kutz Pictured Cliffs, West (79680) & Wildcat Farmington Sand (97143) 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 Pictured Cliffs. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the

| | |
|---|---------------------------------|
| 14. I hereby certify that the foregoing is true and correct. Electronic Submission #9994 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Farmington | |
| Name (Printed/Typed) CHERRY HLAVA <i>Cherry Hlava</i> | Title AUTHORIZED REPRESENTATIVE |
| Signature (Electronic Submission) | Date 01/08/2002 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|-------|------------------|
| Approved By <i>Jim Levato</i> | Title | Date JAN 17 2002 |
| 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 ****

Additional data for EC transaction #9994 that would not fit on the form

32. Additional remarks, continued

production will be attributed to the Wildcat Farmington Sand. Attached is the future production decline estimates for the Pictured Cliffs. Commingling Production Downhole in the subject well from the proposed pools will not reduce the value of the total remaining production.

GCU 24
Unit J Sec 34 T28N - R12W
API No. 30-045-07003
San Juan County, NM

Reason for work

Recomplete to the ~~Fruitland Sand~~ ^{Wildcat Farmington} and down hole commingle with the existing PC completion.

Procedure

1. MIRU SU. Record TP and CP. Kill well with clean KCl water.
2. ND WH, NU BOP. POOH with 2-3/8" production tbg.
3. RU Schlumberger. Set CIBP at 1400'. Load hole with clean KCl water and test to 300 psi.
4. Log GR/CBL/CCL 1500' - 1100'. Correlate to Schlumberger TDT log dated 8/30/01. Fax log to 281-366-0700 attention Allen Kutch.
5. Perforate Fruitland Sand 1274' - 1294' at 4 SPF 90 degree phased with DP charges.
6. RIH with AD-1 tension pkr and 2-7/8" workstring. Set pkr at +/- 1200'. Test backside to 300 psi.
7. Move in clean frac tank. Fill with volume of clean 4% KCl water per Schlumberger frac procedure (___ bbls).
8. RU 5000 psi frac valve.
9. MIRU Schlumberger. Frac well according to attached Pumping Schedule with 500 gal 15% HCl acid spearhead, _____ gallons 70 quality nitrogen foam and _____ lbs 16/30 Brady sand. Tail in with PropNet on last _____ lbs.
10. Flush with foam to top of the Pictured Cliffs (1551'). 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 with tbg and pkr.
13. RU air package. RIH with bit x DC's. D/O CIBP at 1400'. C/O well to 1616' TD.

14. PU above csg shoe. Flow well 30 minutes. RIH to TD, cleaning out again if necessary. Repeat step until sand feed-in stabilizes.
15. Strip in hole with following production string:
 - a) 1 jt 2-3/8" tbg
 - b) F-nipple with blanking plug installed.
 - c) 2-3/8" tbg to surfaceLand EOT at +/- 1560'.
16. ND BOP. NU tree. RU slickline and pull plug.
17. Flow back well 1 hr. RDMO SU.

Allen Kutch

281-366-7955 office
281-366-0700 fax
888-788-6522 pager

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

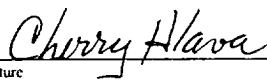
WELL LOCATION AND ACREAGE DEDICATION PLAT

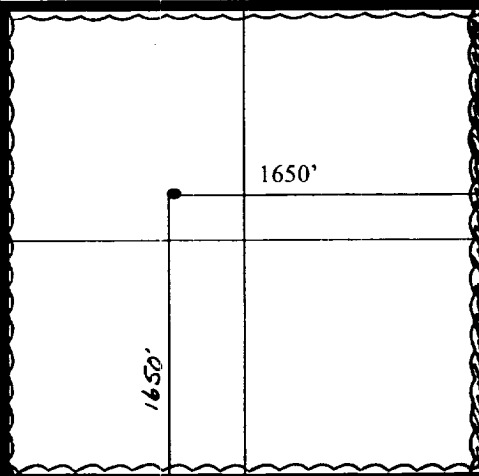
| | | |
|--|---|--|
| ¹ API Number 30-045-07003 | ² Pool Code 97143/79680 | ³ Pool Name Wildcat Farmington & Kutz Pictured Cliffs |
| ⁴ Property Code 00570 | ⁵ Property Name Gallegos Canyon Unit | ⁶ Well Number 24 |
| ⁷ OGRID No. 000778 | ⁸ Operator Name Amoco Production Company | ⁹ Elevation 5868 GR' |

| ¹⁰ Surface Location | | | | | | | | | |
|--------------------------------|----------------------|------------------------|---------------------|---------|-------------------------------|----------------------------------|-------------------------------|-------------------------------|---------------------------|
| UL or lot no. Unit J | Section 34 | Township 28N | Range 12W | Lot Idn | Feet from the 1650' | North/South line South | Feet from the 1650' | 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 | 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

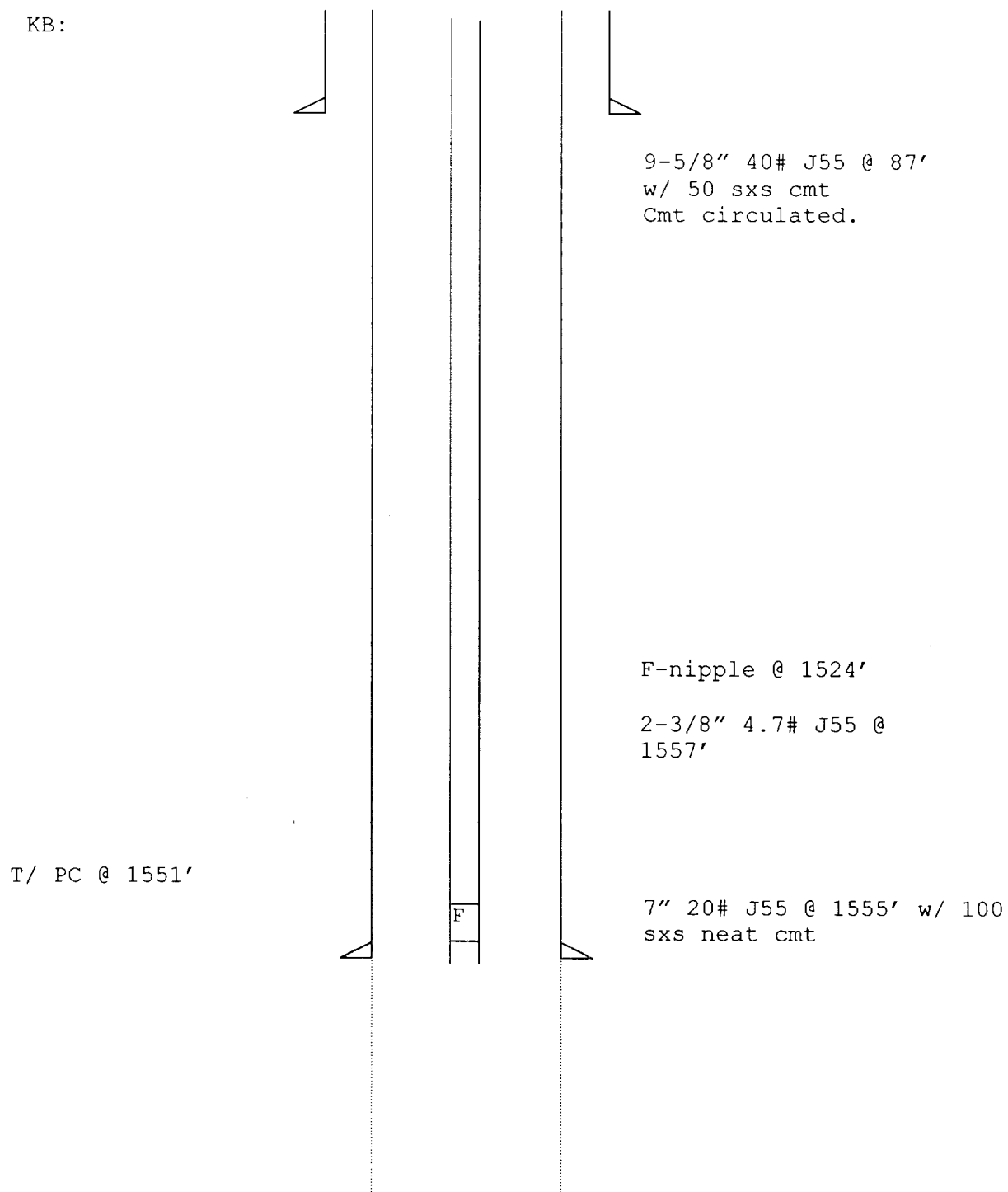
| | | | | | |
|---------------|--|--|--|--|--|
| ¹⁶ | | | | ¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Cherry Hlava Printed Name Regulatory Analyst Title Date 01/08/2002 | |
| | | | | 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 | |



GCU 24
San Juan County, NM
Unit J Section 34 of R28W - T12N
Run 24

1-4-2002
ATK

KB:



PBTD:
TD: 1616'

API 30-045-07003

GCU 24 Pictured Cliffs Forecast

| DATE | GAS |
|----------|-----|
| 01/01/02 | 212 |
| 02/01/02 | 208 |
| 03/01/02 | 203 |
| 04/01/02 | 199 |
| 05/01/02 | 195 |
| 06/01/02 | 191 |
| 07/01/02 | 187 |
| 08/01/02 | 183 |
| 09/01/02 | 179 |
| 10/01/02 | 176 |
| 11/01/02 | 172 |
| 12/01/02 | 169 |
| 01/01/03 | 165 |
| 02/01/03 | 162 |
| 03/01/03 | 158 |
| 04/01/03 | 155 |
| 05/01/03 | 152 |
| 06/01/03 | 149 |
| 07/01/03 | 146 |
| 08/01/03 | 143 |
| 09/01/03 | 140 |
| 10/01/03 | 137 |
| 11/01/03 | 134 |
| 12/01/03 | 131 |
| 01/01/04 | 129 |
| 02/01/04 | 126 |
| 03/01/04 | 123 |
| 04/01/04 | 121 |
| 05/01/04 | 118 |
| 06/01/04 | 116 |
| 07/01/04 | 113 |