Form 3160-5 (June 1990)

UNITED STATES

FORM APPROVED
et Bureau No. 1004-0135

| | RTMENT OF THE INTERIOR U OF LAND MANAGEMENT | Expires: March 31, 1993 |
|--|---|--|
| Do not use this form for prope | TICES AND REPORTS ON WELLS osals to drill or to deepen or reentry to a different reservoir. ATION FOR PERMIT - " for such proposals | E. Lesse Designation and Serial No. NM-14916 E. If Indian, Allottee or Tribe Name |
| | | 7. If Unit or CA, Agreement Designation |
| 1. Type of Well Oil Well Well Other | | B. Well Name and No. |
| 2. Name of Operator | Attention: | Valencia Canyon Unit 27 |
| Amoco Production Company | Patty Haefele | |
| 3. Address and Telephone No. P.O. Box 800, Denver, Colorado | 3003921595 10. Field and Pool, or Exploratory Area | |
| 4. Location of Well (Footage, Sec., T., R., M., or | Survey Description) | Choza Mesa PC/Basin Fruitland Coal |
| 1140' FSL 790' FWL | Sec. 22 T 28N R 4W UNIT M | 11. County or Parish, State |
| 1140 FSL 790 FWL | 36C. 22 1 20N N 4W 0111 W | Rio Arriba New Mexico |
| | | |
| 12. CHECK APPROPRI | ATE BOX(s) TO INDICATE NATURE OF NOTI | |
| TYPE OF SUBMISSION | TYPE OF A | CTION |
| Notice of Intent Subsequent Report Final Abandonment Notice 13. Describe Proposed or Completed Operations (| | Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form. } |
| procedures. | RECEIVED JUL - 5 1995 OIL CON. DIV. DIST. 3 | e downhole commingling per the attached O70 FABAUNGTON, NM RECEIVED |
| 14. I hereby certify that the foregoing is true and | correct State | f Assistant D D D. A V6E5-R95 |

| 14. I hereby certify that the foregoing is true and correct Signed Patty Hackele | Title | Staff Assistant PPR. 0 V6E-595 |
|---|--|--|
| (This space for Federal or State office use) | | |
| | | JUN 1 9 1995 |
| Approved by Conditions of approval, if any: | Title | Dete |
| Title 18 U.S.C. Section 1001, makes it a crime for any person knowing representations as to any matter within its jurisdiction. | ly and willfully to make to any department o | r agency of the United States any false, ficticious, of flaudolent statements or |
| representations as to any matter within its jurisdiction. | NMOCD See Instructions on Re | varea Sida |

HOLD C-104 FON WAY (1)



SJOET Well Work Procedure

Wellname:

VCU #27

Version:

#1

Date:

June 15, 1995

Budget:

Expense, Repair Well

Workover Type:

Pull Packer & CIBP, CMGL

Objectives:

- The CIBP will be drilled out and the packer moved to a new depth.
- 2. The FT and PC will be flow tested independantly of each other.
- Gas analyses of each zone will be taken. 3.
- Depending on the flow test, the packer will either be removed and the zones downhole commingled or the FT will be T&A'd for futher evaluation.

Pertinent Information:

Location:

1140' FSL, 790' FWL, M22-28N-4W

Horizon:

FT/PC

County:

Rio Arriba

API #:

30-039-21595 Mark Rothenberg

State: Lease: **New Mexico** Federal # NM-14916 Engr: Phone:

W--(303)830-5612

Well Flac:

H--(303)696-7309

Economic Information:

Max Cost -12 Mo. P.O.

APC WI:

100%

FT Prod. Before Repair

0 MCFD

Estimated Cost:

FT Anticipated Prod.:

\$15.000 9 months

30 MCFD 0 MCFD

Payout:

\$20,306

PC Prod. Before Repair PC Anticipated Prod.:

40 MCFD

PV15:

\$M

Max Cost PV15:

\$M

Formation Tops: (Estimated formation tops)

Nacimento:

Menefee:

Oio Alamo:

3555

Point Lookout:

CSG

Kirtland Shale:

3750 3940 Mancos Shale:

Fruitland: Pictured Cliffs: 4117

4340

Gallup: Greenhorn:

Lewis Shale: Chacra:

Graneros: Dakota:

Cliffhouse:

Morrison:

Bradenhead Test Information:

BH

Test Date:

7/9/92

CSG

Tubing:

114psi Casing:

INT

364psi

BH: Opsi

Time

5 min

10 min

15 min

Comments:

Wellname: VCU #27

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Suggested Procedures:

- 1. Contact Federal or State agency prior to starting repair work. Also, contact forest services at (505) 632-2956.
- 2. Install and/or test anchors.
- 3. MIRUSU. Check and record tubing, casing and bradenhead pressures.
- 4. Blow well down, kill well only if necessary with 2% KCL.
- 5. Nipple down well head, nipple up and pressure test BOP's.
- 6. Release packer and talley out of hole with tubing and packer.
- 7. RIH with bit and scraper and drill out CIBP at 4115.
- 8. Clean out to PBTD (4343') using air package, not nitrogen.
- 9. TIH with tubing and packer. Set packer at 4110' and land tubing at 4265'.
- 10. Flow both PC and FT overnight. Once horizons have flowed overnight, catch a gas sample off the tubing for the PC and off the casing for the FT. Have samples analyzed immediately and report results to Mark Rothenberg at (303) 830-5612. Also record and report tubing and casing pressures along with choke sizes to determine approximate production rate of each horizon.
- 11. Wait on evaluation.
- 12. If commingling zones, release and trip out of hole with packer and trip in hole with 2 3/8" tubing and land at 4265' and shut well in waiting for commingling approval.
- 13. If not commingling zones, leave packer at 4110' and turn over to production.
- 14. RDMOSU

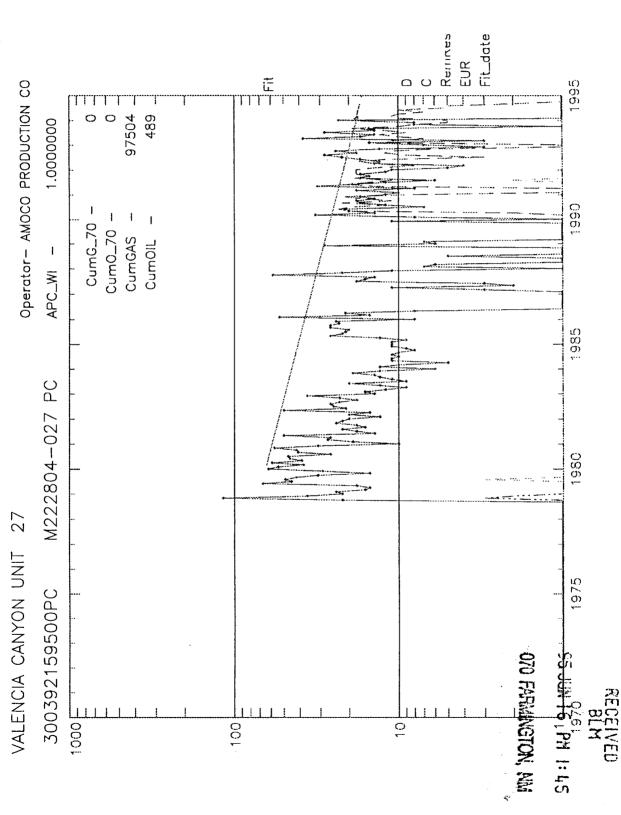
If problems are encountered, please contact:

MARK ROTHENBERG

(W) (303) 830-5612

(H) (303) 696-7309

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Amoco Production Company

Of

Sheet No

41/2",10,5# CSG@4425'

ENGINEERING CHART SUBJECT VCU #27 - PC/FT Federal lease: NM 14916 Date 6/13/45 BY_MDR M22-28N-04W 3003921595 county! RIO Arriba Depth 1140' FSL X 790' FWL orig. comp. 6/78 125 (12/4" hole, 250 sx (11c.) 250 8 9/8", 24#, CSG@311' 375 SOU 625 750 875 1000-1125 1260 1375 1500 1625 (7 7/8" hole, 1175 st circ.) 1750 1875 2000-2125 2200 B375 95 山湖 16 P州 1: 230 2625 2750 28 % 3000 -345 3250 3375 3555 35°00 OJO ALAMO 3750 PKR @ 39841 KIETLAND Perts 23/8" Tha @ 4020 3940 4004-9B 4000. FRUTLAND C18P@ 4115 4125 4117 4122-44 4250 PICTURED CLIFFS

-4340

LENS

4500