Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993 5. Lease Designation and Serial No. SUNDRY NOTICES AND REPORT ON WELLS SF-080597 Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. 6. If Indian, Allottee or Tribe Name Use "APPLICATION FOR PERMIT" - for such proposals. 7. If Unit or CA, Agreement Designation 8. Well Name and No. 1. Type of Well Other Gartner A #3A Attention: 9. API Well No. 2. Name of Operator 3004522417 **Amoco Production Company** Patty Haefele 10. Field and Pool, or Exploratory Area 3. Address and Telephone No. Blanco Mesaverde/Blanco Pictured Cliffs (303) 830-4988 P.O. Box 800, Denver, Colorado 80201 11. County or Parish, State 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) T30N R8W Unit D 1140' FNL & 1040' FWL Section 33 San Juan, New Mexico CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Abandonment Change of Plans Recompletion ☐ New Construction Notice of Intent Plugging Back Non-Routine Fracturing Water Shut-off ☐ Casing Repair Subsequent Report Conversion to Injection Altering Casing Other Downhole Commingle ☐ Dispose Water (Note: Report results of multiple completion on Well Completion or Final Abandonment Notice Recompletion Report and Log Form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) Amoco Production Company requests permission to downhole commingle this well per the attached procedure. (NMOCD DHC-1312) 14. I hereby certify that the foregoing is true and correct Title Staff Assistant Signed (This space for Federal or State office use)

Approved by

Conditions of approval, if any:

or representations as to any matter within its jurisdiction.

* See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes 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 statement

Isl Duane Spencer

SJOET Well Work Procedure

Version: 1

Name: Gartner A #3A Date: April 1, 1996

Budget: Expense/Well Repair

Work Type: Mill Up Packer/ DH Commingle

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I'VE ALREADY GOT NEED

APPROVING APPROVINGS LATER TODAY.

BIE IN OARS LATER TODAY.

Objectives:

Mill out the existing packer and downhole commingle the well.

- 1. TOOH with 1 1/4" tubing set @ 3142'.
- 2. Unseat 2 3/8" tubing and model G seal assembly.
- 3. Using a work string, mill out Baker model D 7" packer set @ 3200'.
- 4. TIH with 2 3/8" tubing and set @ 4800'.
- 5. Return well to production.

Pertinent Information:

Location: Unit D Section 33,T30N, R8W

County: San Juan State: New Mexico Lease: SF-080597

Flac (well) No: 979343

Horizon: PC / MV API #: 30-045-22417

Engineer: R.F. DeHerrera Phone: W - (303) 830-4946

H - (303) 439-7893

Economic Information:

APC WI: 50%

Estimated Cost: \$35,000.

Payout: 5.06 months

Max Cost - 12 month PO: \$83,022.

PC/MV Pre-Production: 435 MCFD PC/MV Post-Production: 700 MCFD

Estimated Formation Tops:

Nacimento:

Oio Alamo:

Kirtland Shale: Fruitland:

Pictured Cliffs: 3076'

Lewis Shale:

Mesaverde: 4660'

Point Lookout: 5273'

Mancos Shale:

Gallup: Graneros: Dakota:

Morrison:

PBTD: 5687' TD: 5704'

Bradenhead Test Information:

Test Date: 09/11/93 Tbg PC: 510 psi SI Tbg MV: 80 psi flowing Csg PC:120 psi BH: 000 psi

Time_	BH	INT	CSG
5 min	0	0	0
10 min	0	0	0
_15_min	0	0	0

Comments: No pressure

Gartner A #3A Orig. Comp. 11/77 Page 2 of 2

- 1. Check Anchors. MIRUSU. Nipple down WH. Nipple up BOP.
- 2. TOOH with 1 1/4" tubing set @ 3142'.
- 3. Unseat and TOOH with 2 3/8" tubing set @ 5635'. Model "G" seal assembly with 2 3/8" OD @ 3200'. Note that the btm jt of the tubing is bull plugged and used as a mud anchor.
- 4. If unable to unseat tubing (fill buildup, etc.), notify the engineer and prepare to cut the tubing @ 3175', Jar loose the tubing and TOOH with 2 3/8" tubing.
- 5. Measure the dimensions of the seal assembly and match with the retrieving tool.
- 6. TIH with work string and mill (the Baker metal muncher is recommended for this job due to learnings from best practice, but this is up to the discretion of the Operations Specialist). Baker model "D" packer with set @ 3200'.
- 7. Mill the packer. TOOH with work string and mill.
- 8. Using the air package with the booster compressor, circulate the hole clean.
- 9. Retrieve packer remnants downhole, if necessary.
- 10. TIH with 2 3/8" tubing and set @ 4800'.
- 11. Nipple down BOP. Nipple up WH. RDMOSU.
- 12. Return well to production.

If problems are encountered, please contact:

Robert DeHerrera W - (303) 830-4946 H - (303) 439-7893