rorm 3160-5 (June 1990)

Approved by

Conditions of approval, if any:

UNITED STATES DEPARTMENT OF THE INTERIOR BURGALLOG LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

| BUREAU OF LAND MANAGEMENT | | | Expires: March 31, 1993 | |
|--|--------------------------------------|--|--|--|
| SUNDRY NO | TICES AND REPORTS | S ON WELLS | 6. Lease Designation and Serial No. | |
| Do not use this form for prop | SF-080597 | | | |
| Use "APPLIC | 6. If Indian, Allottee or Tribe Name | | | |
| | | - | 7. If Unit or CA, Agreement Designation | |
| 1. Type of Well | : | | | |
| Oil Gas Other | | | B, Well Name and No. | |
| 2. Name of Operator | • | Attention: | Gartner A 4A | |
| Amoco Production Company | | Patty Haefele | 9. API Well No. | |
| 3. Address and Telephone No. | 00 00201 | (202) 920 /099 | 3004522418 10. Field and Pool, or Exploratory Area | |
| P.O. Box 800, Denver, | | (303) 830-4988 | Pictured Cliffs/Mesaverde | |
| 4, Location of Well (Footage, Sec., T., R., M., or | Survey Description) | | 11. County or Parish, State | |
| 1450' FSL 800' FEL | Sec. 33 T 30 | ON R 8W Unit I | San Juan New Mexico | |
| 12. CHECK APPROPR | IATE BOX(s) TO INDICA | ATE NATURE OF NOTICE, | REPORT, OR OTHER DATA | |
| TYPE OF SUBMISSION | | | | |
| | | | | |
| Notice of Intent | | pendonment | Change of Plans | |
| Notice of Intent | [77] | completion ugging Back | New Construction Non-Routine Fracturing | |
| Subsequent Report | | eing Repair | Water Shut-Off | |
| | ∐ Alı ⊠ oı | tering Casing ther Downhole commingle | Conversion to Injection | |
| Final Abandonment Notice | △ 0t | | Dispose Water sport results of multiple completion on Well Completion or | |
| | | | letion Report and Log form.) | |
| Describe Proposed or Completed Operations subsurface locations and measured and true | | | ting any proposed work . If well is directionally drilled, give | |
| Amoco Production Compar | y requests permission to do | wnhole commingle this well per | the attached procedure. (DHC order | |
| pending with NMOCD) | | | | |
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| | | | | |
| 14.1 hereby certify that the foregoing is true and Signed Patty | correct Xelell | Title Staff As: | | |
| (This space for Federal or State office use) | | | APPROVED | |
| , space to a sole of other printe deal | | | | |

SJOET Well Work Procedure

Version: 1

Name: Gartner A #4A

Date: February 13, 1996

Budget: Expense/Well Repair

Work Type: Mill Up Packer/ DH Commingle

Objectives:

Mill out the existing failed packer and downhole commingle the well.

1. TOOH with 1 1/4" tubing set @ 3185'.

2. Unseat 2 3/8" tubing and model G seal assembly.

3. Using a work string, mill out Baker model D packer set @ 3275'.

4. TIH with 2 3/8" tubing and set @ 5350'.

5. Return well to production.

Pertinent Information:

Location: Unit I Section 33,T30N, R8W

County: San Juan State: New Mexico

Lease: SF-080597

Flac (well) No: 979344

Horizon: PC / MV

API #: 30-045-22418 Engineer: R.F. DeHerrera

Phone: W - (303) 830-4946

H - (303) 439-7893

Economic Information:

APC WI: 50%

Estimated Cost: \$35,000.

Payout: 4.5 months

Max Cost - 12 month PO: \$93,987.

PC/MV Pre-Production: 250 MCFD

PC/MV Post-Production: 300 MCFD

Estimated Formation Tops:

Nacimento:

Oio Alamo:

Kirtland Shale:

Fruitland:

Pictured Cliffs: 3048'

Lewis Shale:

Mesaverde: 4705'

Point Lookout: 5292'

Mancos Shale:

Gallup:

Graneros: Dakota:

Morrison:

PBTD: 5743' TD: 5725'

Bradenhead Test Information:

Test Date: 09/11/93 Tbg PC: 320 psi flowing Tbg MV: 375 psi SI Csg PC:330 psi BH: 000 psi

| Time | BH | INT | CSG |
|----------------|----|-----|-----|
| 5 min | 0 | 0 | 0 |
| 10 min | 0 | 0 | 0 |
| <u> 15 min</u> | 0 | 0 | 0 |

Comments: No pressure

Gartner A #4A Orig. Comp. 10/77 Page 2 of 2

- 1. Check Anchors. MIRUSU. Nipple down WH. Nipple up BOP.
- 2. TOOH with 1 1/4" tubing set @ 3185'.
- 3. Unseat and TOOH with 2 3/8" tubing set @ 5633'. Model "G" seal assembly with 2 3/8" OD @ 3275'.
- 4. If unable to unseat tubing (fill buildup, etc.), notify the engineer and prepare to cut the tubing @ 3250'. 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 plain bottom set @ 3275' in 1977.
- 7. TOOH with work string and mill.
- 8. Using the air package with the booster compressor, circulate the hole clean.
- 9. Retrieve packer remnants downhole.
- 10. TIH with 2 3/8" tubing and set @ 5350'.
- 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