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

| CUMD DV N | OTICES AND REPORTS ON WELLS | <u> </u> | - 1 - 5 | |
|--|--|---|--|--------------------------|
| SUNDRY NO | | 5. Lesse Designation and Serial No. | | |
| Do not use this form for pro | posals to drill or to deepen or reentry to a different re | eservoir. | Jicarilla Co | ntract 108 |
| Use "APPLI | CATION FOR PERMIT - " for such proposals | 6 | 3. If Indian, Allottee or Tribe N | eme |
| | | | Jicarilla, Dulce | Nous Mauiaa |
| | | | 7. If Unit or CA, Agreement D | |
| | | ' | . II Olik of CA, Agreement D | resignation |
| 1. Type of Well | | | | |
| Oil ICTI Gas I | | L | | |
| 2. Name of Operator | | 8 | . Well Name and No. | |
| • | Attention: | | Jicarilla C | 7 |
| Amoco Production Company | Patty Haefele | 9 | . API Well No. | |
| 3. Address and Telephone No. | 3003982306 | | | |
| P.O. Box 800, Denver, Colorad | 1988 | 10. Field and Pool, or Exploratory Area | | |
| 4. Location of Well (Footage, Sec., T., R., M., o | Survey Description) | | | |
| | | - | Basin Dakota/Bla | nco Mesaverde |
| 505' FSL 1070'FW | /∟ Sec. 13 T 26N R 5W ∪ | Jnit M | 1. County or Parish, State | |
| | | | Rio Arriba | New Mexico |
| 12. CHECK APPROPR | ATE BOYIEL TO INDICATE MATURE OF | | | TAGAN IMEXICO |
| TYPE OF SUBMISSION | ATE BOX(s) TO INDICATE NATURE OF | - NOTICE, REP | ORT, OR OTHER | DATA |
| THE OF SOBIMISSION | TY | PE OF ACTION | | |
| | | | | |
| Notice of Intent | Abandonment | Ch. | ange of Plans | |
| | Recompletion | | w Construction | |
| Subsequent Report | Plugging Back | 1 1 | n-Routine Frecturing | |
| | Casing Repair | 1 1 | iter Shut-Off | |
| Final Abandonment Notice | Altering Casing | ∐ c∞ | nversion to Injection | |
| | Other | | pose Water | |
| | | (Note: Report res | suits of multiple completion or port and Log form,) | 1 Well Completion or |
| 3. Describe Proposed or Completed Operations (| Clearly state all pertinent details, and give pertinent dates, including esti vertical depths for all markers and zones pertinent to this work !* | imated date of starting any | proposed work. If well is dis | |
| scoolinger locations and measured and true | vertical depths for all markers and zones pertinent dates, including esti vertical depths for all markers and zones pertinent to this work.}* | and are or search arry | proposed work . If Well is dir | ectionally drilled, give |
| Amaza District | | | | |
| Amoco Production Company | intends to plugback back the subject weil per th | he attached proced | dures. | |
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| | | | tion of the | |
| | | | ******** | the second second |
| . I hereby certify that the foregoing is true and co | rrect | | | |
| Postti Ala | 0 0 | | | |
| Signed JUM HUL | fell Title | Staff Assisant | Date | 05-16-1995 |
| s space for Federal or State office use) | Obine . | | | |
| 0.4 | Lot Chief, [| ands and Minera | Il Resources 😑 | |
| Approved by Kology | - | | i nesources | ^{NN} 2 1995 |
| Conditions of approval, if any: | Title | | Date | |

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 felse, ficticious, or fraudulent statements or

SJOET Well Work Procedure

Well Name:

Jicarilla C 7

Version:

#1

Date:

5/16/95

Budget:

Jicarilla Repair

Repair Type:

Mill up Packer & Plugback

Objective: The objective of this workover is to increase gas production and eliminate water production by milling up the packer that is currently set between the Mesaverde and Dakota formations, setting a CIBP above the lower Dakota perforations, lowering the tubing, and returning the Upper Dakota perforations and the Mesaverde perforations to production (downhole commingled) with plunger lift. This wellbore has previously produced in a downhole commingled status with an open sliding sleeve.

Pertinent Information:

Location:

Sec 13-T26N-R5W

County: State:

Rio Arriba New Mexico

Lease:

Jicarilla C

Well Flac:

97839803

Original Completion Date: 4/7/67

PBTD

7720'

TD

7774'

Economic Information:

APC WI:

25 %

Prod. Before Repair:

Horizon:

API #:

Engr:

Phone:

20 MCFD

MV/DK

3003982306

Steve Smethie

H--(303)770-2180

W-(303)830-5892

MV/DK

Estimated Cost:

\$45,000

Anticipated Prod.:

130 MCFD

Payout: Max Cost for 12 Mo. P.O.

11.9 Months \$45,100

PV15:

\$M

Max Cost PV15:

\$M

Note:

Economics will be run on all projects that have a payout exceeding ONE year.

Formation Tops: (Estimated formation tops)

Nacimento:

Oio Alamo:

Kirtland Shale:

Fruitland: Pictured Cliffs:

3300'

Lewis Shale:

Cliff House: 4950' Menefee:

Point Lookout: Mancos Shale:

Gallup:

Graneros:

6965' 7432'

Dakota:

Morrison:

Well Name: Jicarilla C 7

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| Bradenhead Test Information: | | | | | | | | |
|------------------------------|----|---------|---------|-----|-----|--|--|--|
| Test Date: | | Tubing: | Casing: | | BH: | | | |
| Time | вн | CSG | INT | CSG | | | | |
| 5 min | | | | | | | | |
| 10 min | | | | | | | | |
| 15 min | | | | | | | | |

Production Packer

There is a permanent production packer in the wellbore at 7430'.

Suggested Procedure

- 1. RUSU and record the bradenhead, tubing, and casing pressures.
- 2. Unseat and pull the 2-3/8" tubing from the wellbore.
- 3. Mill up the production packer set at 7430'.
- 4. TIH with a bit and scraper for 4-1/2" casing. Clean out the wellbore to 7600' utilizing air/foam.
- 5. Set a CIBP at 7550' and cap with 10' of sand/barite mixture (67% 20/40 sand and 33% barite) bringing the new PBTD up to 7540'.
- 6. TIH with muleshoe, seating nipple and 2-3/8" tubing. Land the tubing intake at 7500'.
- 7. Set a plunger stop and spring in the seating nipple and return the well to production with plunger lift.