Form 3 160-5 June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| FORM APPROVED | | | | |
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| Budget Buresu No. | 1004-0135 | | | |
| Expires: Merch 3 | 1,1993 | | | |

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|----|-------|-------------|------|---------|----|
| i. | Lease | Designation | 444 | Serial | N |
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| | AND WANAGEMENT | Cont. 101 |
|---|---|---|
| Do not use this form for proposals to dril | AND REPORTS ON WELLS II or to deepen or reentry to a different reservoir. R PERMIT—" for such proposals | 6. If Indian, Allottee or Tribe Name Jicarilla |
| SUBMIT | IN TRIPLICA TE | 7. If Unit or CA, Agreement Designation |
| 1. Type of Well Oli XXX Gas Well Other | | s. Well Name and No. Jicarilla C #6 |
| 2. Name of Operator Conoco Inc | (201) | 9. API Well No. 30-039-22038 |
| 3. Address and Telephone No. P.O. Box 2197 DU-3066 Hous 4. Location of Well (Footage, Sec., T. R. M. or Sarvey De | ston, TX 77252-2197 (281) | 10. Field and Pool, or Exploratory Area Tapacito Pictured Cliff |
| 4. Location of Weil (Poolings, Sec., 1, 12, 12, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14 | | 11. County or Perish, State |
| P Sec. 12, R26N, T04W, 810' FSL & 830' FEL | • | Rio Arriba |
| CHECK APPROPRIATE BOX | (s) TO INDICATE NATURE OF NOTICE, REPO | ORT, OR OTHER DATA |
| | | N |
| TYPE OF SUBMISSION | TYPE OF ACTIO | |
| TYPE OF SUBMISSION | TYPE OF ACTIO XX Abandonment Recompletion | Change of Plans New Construction |
| | XAbandonment | Change of Plans New Construction Non-Routine Fracturing Water Shut-Off |
| Notice of Intent Subsequent Report Final Abandonment Notice | X Abandonment Recompletion Plugging Back | Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water Note: Report results of multiple completion on Wall Consolition or Recompletion Report and Lug form.) |

Concoco proposes to plug and abandon this well using the attached procedure.



| 4. I hereby certify that the foregoing is true and correct Signed | Regulatory Analyst Title 281 293-1005 | Date 11 (4/97 |
|---|---------------------------------------|---------------|
| (This space for Federal or State office use) Approved by Conditions of approval if any: | Title Person Erg. | Date |

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

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 statements or representations as to any matter within its jurisdiction.

PLUG AND ABANDONMENT PROCEDURE

10-27-99

Jicarilla C #6

Tapacito Pictured Cliffs 810' FSL and 830' FEL, Section 12, T26N, R4W Rio Arriba County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

- 1. Install and test rig anchors as necessary. Prepare blow pit. Comply with all NMOCD, BLM and Conoco safety rules and regulations. Conduct safety meeting for all personnel on location.
- 2. MOL and RU daylight pulling unit. NU relief line to blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
- 3. Tally and prepare and 1-1/4" IJ workstring. Round-trip a 2-7/8" gauge ring to 3541'.
- 4. Plug #1 (Pictured Cliff perforations and Fruitland, Kirtland and Ojo Alamo tops, 3541' 3115'): Set a wireline 2-7/8" CIBP at 3541'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 15 sxs Class B cement and spot a balanced plug above the CIBP to isolate PC perforations and to the Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing.
- 5. Plug #2 (Nacimiento top, 2030' –1930'): Perforate 2 bi-wire squeeze holes at 2030'. Set a wireline 2-7/8" cement retainer at 1980'. TIH with tubing and sting into the CR. Establish rate under the CR and into the squeeze holes. Mix 45 sxs Class B cement, squeeze 39 sxs cement outside 2-7/8" casing and leave 6 sxs cement inside casing to cover Nacimiento top. TOH and LD tubing.
- 6. Plug #3 (7-5/8"20# Casing Shoe): Perforate 2 bi-wire squeeze holes at 275'. Establish circulation out bradenhead valve. Mix and pump approximately 70 sxs Class B cement down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
- 7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

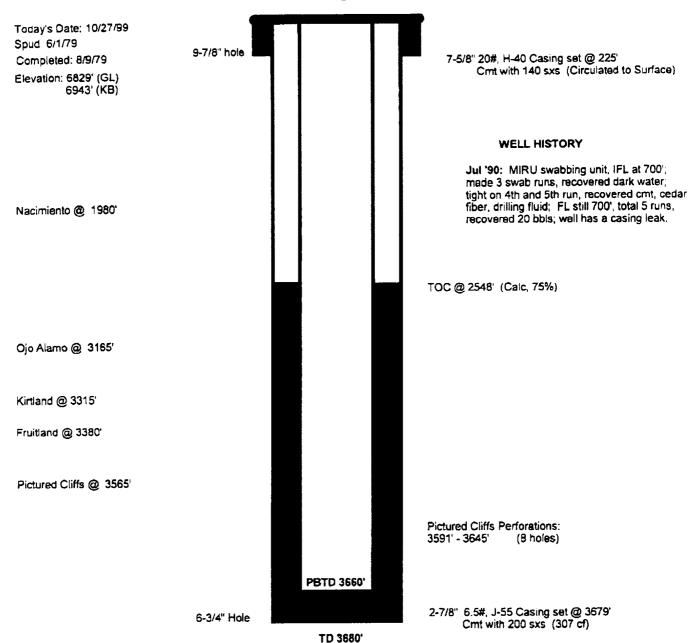
Jicarilla C #6

Current

Tapacito Pictured Cliffs

SE, Section 12, T-26-N, R-4-W, Rio Arriba County, NM

Lat: 38º 30' / Long: 107º 13'



Jicarilla C #6

Proposed P&A

Tapacito Pictured Cliffs

SE, Section 12, T-26-N, R-4-W, Rio Arriba County, NM

Lat: 36° 30' / Long: 107° 13'

Today's Date: 10/27/99

Spud: 6/1/79

Completed: 8/9/79

Elevation: 6829' (GL) 6943' (KB)

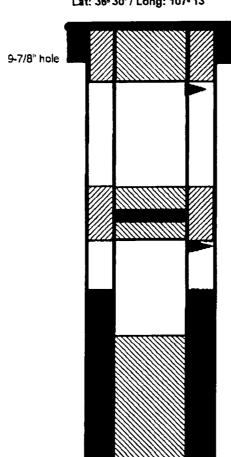
Nacimiento @ 1980'

Ojo Alamo @ 3165'

Kirtland @ 3315'

Fruitland @ 3380

Pictured Cliffs @ 3565'



7-5/8" 20#, H-40 Casing set @ 225' Cmt with 140 sxs (Circulated to Surface)

Perforate @ 275' Plug #3 275' - Surface

Cmt with 70 sxs Class B

Plug #2 2030' - 1930' Cmt with 45 sxs Class B. 39 sxs outside casing and 6 sxs inside.

Cmt Retainer @ 1980'

Perforate @ 2030'

TOC @ 2548' (Calc, 75%)

Plug #1 3541' - 3115' Cmt with 15 sxs Class B

Set CIBP at 3541'

Pictured Cliffs Perforations: 3591' - 3645' (8 holes)

2-7/8" 6.5#, J-55 Casing set @ 3679' Cmt with 200 sxs (307 cf)

TD 3680'

6-3/4" Hole

PBTD 3660'