Form ±150-5 (June 1990)

## **UNITED STATES**

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

| SUNDRY NOTICES AND F  Do not use this form for proposals to drill or to de  Use "APPLICATION FOR PERMI                                  | eepen or reentry to a different reservoir.  | E. Lesse Designation and Serial No.     SF-077329      B. If Indian, Allottee or Tribe Name  7. If Unit or CA, Agreement Designation   |
|---|---|--|
| 1. Type of Well Oil Well Other  |   | 8. Well Name and No.   |
| 2. Name of Operator   | Attention:  | Martin Gs Com C #1E  |
| AMOCO PRODUCTION COMPANY  | Pat Archuleta   | 9. API Well No.  |
| 3. Address and Telephone No. P.O. BOX 800 DENVER, COLORADO 80201  | 303-830-5217  | 3004524478   |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  |   | 10. Field and Pool, or Exploratory Area Chacra/Basin Dakota  |
| 860' FSL 1845' FEL $\widehat{v}$ Sec.   | 11 T 27N R 10W UNITO  | 11. County or Parish, State  San Juan New Mexico   |
| 12. CHECK APPROPRIATE BOX(s) TO   | INDICATE NATURE OF NOTICE,  | REPORT, OR OTHER DATA  |
| TYPE OF SUBMISSION  | TYPE OF ACTION  |  |
| Notice of Intent  Subsequent Report  Final Abandonment Notice   | Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other (Note: Reg | Change of Plans  New Construction  Non-Routine Fracturing  Water Shut-Off  Conversion to Injection  Dispose Water  port results of multiple completion on Well Completion or tion Report and Log form. |
|   |   |  |
|   | DECEIVED  |  |
|   | OIL COM. DIY.<br>blat. 3  |  |
|   | w   | 2  |
| 14. I hereby certify that the foregeting is true and correct  Signed Las Alchuluta  | Title Staff Assis   | tant Date 04-07-1997   |
| This space for Federal or State office use)   |   | Date   |
| Approved by /S/ Duane W. Spencer Conditions of approval, if any:  | Title   | APR 1 0 1997   |
| Fitle 18 U.S.C. Section 1001, makes it a crime for any person knowingly and we opresentations as to any matter within its jurisdiction. | villfully to make to any department or agency of the United State                     | es any false, ficticious, or fraudulent statements or  |

MIRUSU 01/20/97.

Attempted to plug and abandon the Chacra formation and return the Dakota formation to single producer, found both tubing strings stuck. Heat clay fix water to 225\* and pump 70 bbls down 2.63" long string and 70 bbls down casing to try and clear long string of parafin for running eline to free point and cut the stuck tbg in 1.25 and 2.063 strings. Cut 2 1/6 and 1.25 above Chacra formation. Casing collapsed in Chacr interval around 1.25 and 2.063 tbgs. Obtain permission to plug and abandon this well on 1/29/97.

Set cement retainer at 2917'.

Pumped 100 sxs Cl-B cement below the cement retainer, 88 sxs out the Chacra perfs to sqz formation and 12 sxs inside csg below retainer and to bottom perf in Chacra. Used 17 sxs Cl-B cement above cement retainer and spot after displacing cmt below tool at 2915'.

With tbg set at 1975' used 63 sxs Cl-b cement inside csg to plug Pictured Cliffs and Fruitland formations.

Tag at 1393'. Ran CBL from 50'-1386', log shows slight bond upto 1130' and no cmt above that point.

After shooting squeeze holes from 1168'-1169' pressure up and est rate of 1 bpm and 1000 psi and no circ on braden head. Attempted to pump thru retainer and pressure up to 1500 psi and no rate as prefs have colosed off. Coould not circ bradenhead and pump thru squeeze holes at 1168' bond or obstruction in annulus must be good at 1330' toc.

After shooting squeeze holes from 1017'-1018' pump form surface and istablish rate of 2.5 bpm and 300 psi, saw some circ on braden head.

Set retainer on tbg at 969'. Pumped 47 sxs Cl-B cement below retainer at 969', sting out of retainer at 969' and spot 7 sxs above tool.

Shot squeeze holes from 361'-362' to circ braden head 50' below surface csg shoe depth of 311'.

Pumped 166 sxs Cl-B cement to circ barden head and left 41sxs inside 5.5" csg from 362' to surface and had no braden head pressure on well.

Cut off wellhead and install marker.

RDMOSU 1/30/97