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

Do not use this form for propos	TICES AND REPORTS ON WELLS sals to drill or to deepen or reentry to a different reservoir. TION FOR PERMIT - " for such proposals	5. Lease Designation and Serial No.  NM-03560 6. If Indian, Allottee or Tribe Name 7. If Unit or CA, Agreement Designation
		7.11 Giat Gray, Agricultura Subgration
1. Type of Well Oil Gast Other		8. Well Name and No.
2. Name of Operator	Attention:	SAN JUAN 28-7 UT #101
Amoco Production Company	WAYNE BRANAM, RM 12	
3. Address and Telephone No. P.O. Box 800, Denver, Colorado	80201 (303) 830-4912	BASIN DK/ BLANCO MV  10. Field and Pool, or Exporatory Area
4. Location of Well (Footage, Sec., T., R., M., or St	urvey Description)	3003921094
1795FSL 970FWL	Sec. 30 T 27N R 28WR UNIT L	11. County or Parish, State  RIO ARRIBA NEW MEXICO
CHECK VBBBOBBIV	TE BOX(s) TO INDICATE NATURE OF NOT	ICE . REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF A	
subsurface locations and measured and true ve	early state all pertinent details, and give pertinent dates, including estimated dat stricel depths for all markers and zones pertinent to this work.)*  RF THE DAKOTA AND RECOMPLETE IN THR MESAV	
14. I hereby certify that tife foregoing is true and co		ess ANALYST Date 08-31-1994
Signed 4		
(This space for Federal or State office use)		APPROVED
Approved by Title		SEP 06 1004
Conditions of approval, if any:		THE TOTAL PROPERTY.
Title 18 U.S.C. Section 1001, makes it a crime for representations as to any matter within its jurisdiction.	any person knowingly and willfully to make to any department or agency of the on.	United States Military Manning (GET) or

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# RECOMPLETION/REPAIR PROCEDURE SAN JUAN 28-7 UNIT 101 DK,MV

## August 25, 1994 (1st Version)

- 1. Record TP, SICP, and SIBHP.
- 2. MIRUSU.
- 3. TOH with tubing, lay down bull plug and perforated sub if present.
- 4. Clean out with N2 to PBTD (7465').
- 5. TIH with a RBP and set at 7150'.
- Run a CBL from 7150' to 1500' and determine TOCs for the 4 1/2" casing. Relay CBL info to Lara Kwartin in Denver so she can verify whether squeeze work will be necessary prior to any fracture treatment.
- 7. Roll the hole with N2 (or swab fluid level down to 6000'), RU lubricator, and TIH with 3 1/8" casing guns and perforate, underbalanced, the following Dakota intervals with 2 JSPF, 120 deg. phasing and 13 g charges. Perfs are correlated from Welex's Compensated Density Log dated 75/06/26.

#### **PERFORATE**

7132' - 34'	7150' - 54'
7316' - 24'	7338' - 40'
7356' - 58'	7363' - 67'
7390' - 94'	7411' - 19'
7 <b>445'</b> - 53'	
	7316' - 24' 7356' - 58' 7390' - 94'

- 8. Rerun tubing, RDSU, and flow test well for 2 weeks.
- Contact Lara Kwartin with flow test results. Depending on the results, the DK may be TxA'd, PxA'd, or left to produce. The decision to recomplete the MV will also be made at this time. If the well will be dually completed then continue as follows.
- 10. Set RBP at 5400'. Pressure test casing to 3500 psi.
- 11. RU lubricator and TIH with 3 1/8" casing guns and perforate the MV Point Lookout intervals with 2 JSPF, 120 deg. phasing and 13 g charges. Perfs are correlated from the same Welex Density Log.

#### **PERFORATE**

- 12. Fracture stimulate according to the attached frac schedule for the Point Lookout. Tail in with resin coated sand only if a production packer will eventually be set below the MV.
- 13. Immediately set a RBP or sand plug at 5050'.
- 14. RU lubricator and TIH with 3 1/8" casing guns and perforate the MV Cliffhouse & Menefee intervals with 2 JSPF, 120 deg. phasing and 13 g charges. Perfs are correlated from the same Welex Density Log.

## **PERFORATE**

- 15. Fracture stimulate according to the attached frac schedule for the Cliffhouse/Menefee. Tail in with resin coated sand, if necessary.
- 16. If CBL indicates that zonal isolation is not present then proceed with remedial cementing, otherwise flow back load until sand entry ceases and returns are dry.
- 17. TOH with RBPs at 5050' and 5400'.
- 18. Clean out with N2 to PBTD (7465').
- 19. TIH with 2 3/8" tubing and a permanent packer. Set packer at 5400' and land tubing at 7428' with a seating nipple one joint off of bottom.
- 20. Tie the DK string back into surface equipment and turn over to production.
- 21. The MV will be produced directly up the casing/tubing annulus.

Note: Since this procedure could involve repair, recomplete, and DRA expenditures, be sure to label all invoices according to one of those 3 items.