UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS	4.5	5. Lease Designation and Serial No.	
		SF - 078095	
Use "APPLICATION FOR PERMIT " for such proposals	UUT 14 PII 12: 44	8. If Indian, Allottee or Tribe Name	
ose Altrication for Limit 7 for such puposais			
070	Managara U.A. NM	7. If Unit or CA, Agreement Designation	
•	,		
1. Type of Well			
Oil Gas Other		8. Well Name and No.	
2. Name of Operator Attention:		CASE B	# 4A
AMOCO PRODUCTION COMPANY Gail M. Jeff	erson	B. API Well No.	
3. Address and Telephone No.		30045231	Q1
P.O. BOX 800 DENVER, COLORADO 80201 303-830-6157		10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		BLANCO PC EXT/E	BLANCO MV
40 7 041 5 444		11. County or Perish, State	
1450 FNL 1175 FEL Sec. 18 T 31N R 11W	UNIT H	Can luan	Manu Mandan
		San Juan	New Mexico
CHECK APPROPRIATE BOX(s) TO INDICATE NATUR	RE OF NOTICE, REF	PORT, OR OTHER DAT	A
TYPE OF SUBMISSION	TYPE OF ACTION		· -
Notice of Intent	닏	Change of Plans	
Notice of Intent Recompletion Plugging Back		New Construction	
Subsequent Report Casing Repair		Non-Routine Fracturing Water Shut-Off	
Altering Casing		Conversion to Injection	
Final Abandonment Notice Other Pay Add		Dispose Water	
	(Note: Report res	sults of multiple completion on Well Completion or F	lecompletion Report and Log form.
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any	proposed work . If well is directionally drilled, o	ive subsurface locations and measured	and true vertical denths for all
markers and zones pertinent to this work.)*			and the total copins for an
Amoco Production Company requests permission to perf and frac this	s well per the attached p	rocedures.	
If you have any technical questions please contact Dave Koskella at	(303) 830-4377 or Gail (Jefferson for any adminis	trative
concerns.	Red - Wages - Company and the second		
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14. I hereby certify that the tollegoing is trye and correct			
Signed Stull W. Housen Title	Sr. Admin. Staff	Asst. Date	10-09-1998
This space for Federal or State office use)			OCT 1 9 1998
Approved by /S/ Duane W. Spencer/		Date	J 1030
Conditions of approval, if any:			

* See II

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, ficticious, or fraudulent statements or representations as to any matter within its jurisdiction.

Case B #4A TD = 5485' PBTD = 5465' Page 2 of 2

- 1. Check anchors. MIRUSU.
- 2. Check and record tubing, casing and bradenhead pressures.
- 3. Blow down wellhead, kill if necessary.
- 4. Nipple down wellhead, nipple up and pressure test BOP.
- 5. Tag and Tally OH with 2.375" tubing. TIH with bit and scraper to PBTD.
- 6. RU wireline unit and packoff.
- 7. Perforate one shot at each of the following depths. Correlate with density log dated 6/3/79 (18 total holes):

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4352

4412, 4416

4428, 4432, 4436

4454, 4458, 4462

4583

4600, 4604, 4608, 4612

4623

4780, 4783, 4786
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- 8. Set a composite bridge plug @ 4835'.
- 9. TIH with 2 7/8" frac string and PIP.
- 10. Break down each interval (8 total) with 7 1/2% HCL (1/2 BBL per perforation, approximately 380 gallons total).
- 11. TOH with 2 7/8" frac string and PIP.
- 12. TIH with 2 7/8" frac string and packer.
- 13. Pressure test composite bridge plug.
- 14. Set packer at +/- 4275'
- 15. Fracture stimulate down 2 7/8" tubing according to Case B #4A Frac Schedule.
- 16. TOH with Frac String.
- 17. TIH with tubing and bit to PBTD and circulate clean.
- 18. Raise bit to +/- 5430 and reverse circulate until gas production returns.
- 19. If night shutdown is necesary, raise bit above 4300'.
- 20. Once gas production returns/sand production ceases, double check PBTD and TOH with tubing and bit.
- 21. TIH with 2 3/8" tubing with SN and land at 5400'.
- 22. Put well back on production.

