District I - (305) 393-6161 PO Box 1980 Hobbs, NM 88241-1980 District II - (505) 748-1283 811 S. First Artesia, NM 88210 District III - (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 District IV

Operator:

Address:

Contact Party:

Amoco Production Company

Nancy I. Whitaker

P.O. Box 800, Denver, Colorado 80201

I.

New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Form C-140 Originated 11/1/95

> **Submit Original** Plus 2 Copies to appropriate **District Office**

000778

(303) 830-5039

OGRID #:

Phone:

APPLICATION FOR **QUALIFICATION OF WELL WORKOVER PROJECT** AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

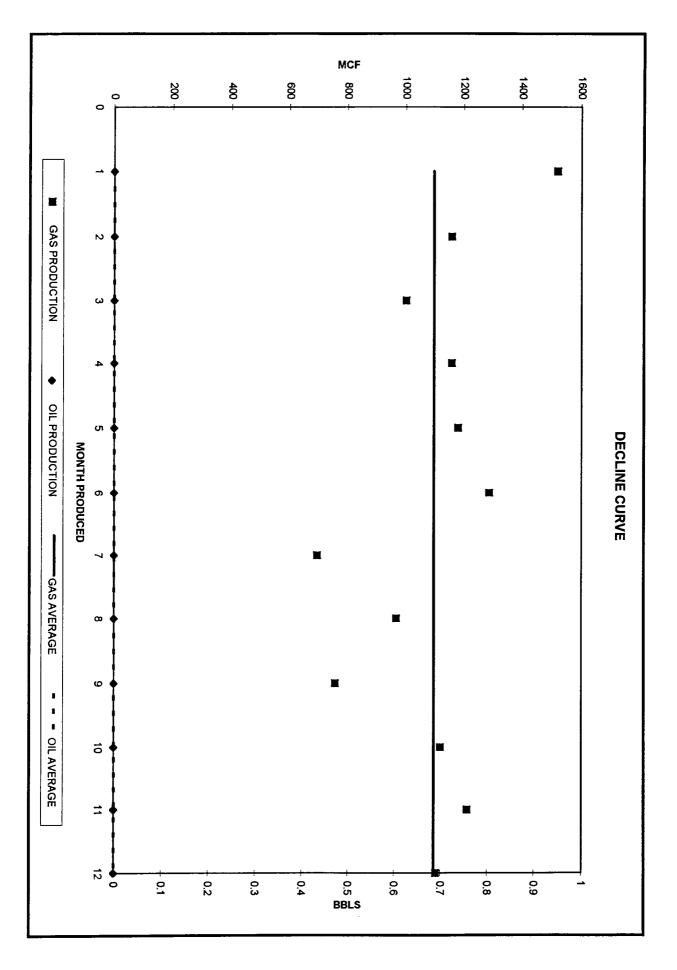
II.	Name of Well: ATLANTIC A LS # 3 Location of Well: Unit Letter M, 790 Feet 1 31N, Range 10W, NMPM, SAN JUAN Coun	from the SOUTH line and 990 Feet from the WEST line, Section 28, Township nty.		
III.	Date Workover Procedures Commenced: Date Workover Procedures were Completed:	4/9/96 6/1 4/ 196 20		
IV.	Attach a description of the Workover Procedu	ures undertaken to increase the projection from the Well.		
V.	showing monthly oil and/or gas Project Pro	of the Well (a production decline curve or other acceptable method, and table eduction) based on at least twelve (12) months of established production which well performance prior to performing Workover.		
VI.	Pool(s) on which Production Projection is bas	sed:		
	BLANCO MESAVERDE	DECENTA		
VII.	AFFIDAVIT:	DEGESTAND DAN 2 3 COT		
	State of <u>Colorado</u>)) ss. County of <u>Denver</u>)	OH COUNTY		
	Nancy I. Whitaker, being first duly sworn, up			
	1. I am the Operator or authorized representative of the Operator of the above referenced Well.			
	2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.			
	3. To the best of my knowledge, the data using so and this projection was prepared using so	used to prepare the Production Projection for this Well is complete and accurate ound petroleum engineering principles. (Name) Staff Assistant		

Staff Assistant

(Title)

SUBSC	RIBED AND SWORN TO before me this 22nd day of anuay, 1977.
	PATRICIA J. ARCHULETA
į	NOTARY PUBLIC STATE OF COLORADO Notary Public
Му Соп	nmission expires: August 12, 1999
FOR O	L CONSERVATION DIVISION USE ONLY:
VIII.	CERTIFICATION OF APPROVAL:
	This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of $6/20$, $19/66$.
	3).
	District Supervisor, District Oil Conservation Division
	Date: 2/5/97
IX.	DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.
	DATE:

1097	0	۵	2-month average - Projected Trend	e - Proje	average	12-month													
1104	0	6	03/96																
1212	0	6	02/96																
1120	0	6	01/96																
757	0	5	12/95																
967	0	5	11/95																
694	0	5	10/95																
1287	0	5	56/60																
1180	0	5	56/80																
1159	0	5	07/95																
1001	0	5	56/90																
1159	0	5	56/90						30F	MESAVERDE	M								
0 1520	0	5	04/95		10W	M 28 31N 10W	3004510242			BLANCO				#3	**		LS	ATLANTIC A LS	ATLAN
GAS	옫	I	MONTH		LOCATION	Ľ	API	FLAC	7	POOL		ō	WELLNO			m	WELLNAME	*	



Form 316U-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

RECEIVED BUREAU OF LAND MANAGEMENT BLM 5. Lesse Designation and Seriel No. SUNDRY NOTICES AND REPORTS ON WELLS NM-0606 Do not use this form for proposals to drill or to despen or reentry to a forming resorvoid 9: 28 8. If Indien, Allottee or Tribe Name Use "APPLICATION FOR PERMIT - " for such proposals 1. Type of Well Oil Well ⊠ Gee Other B. Well Name and No. 2. Name of Operator Attention: Atlantic A LS 9. API Well No. Amoco Production Company Patty Haefele 3. Address and Telephone No. 3004510242 10. Field and Pool, or Exploratory Area P.O. Box 800, Denver, CO 80201 (303) 830-4988 4. Location of Weil (Footage, Sec., T., R., M., or Survey Description) Blanco Mesaverde 11. County or Parish, State 790' FSL 990' FWL Sec. 28 T 31N R 10W Unit M San Juan New Mexico BHL: 682' FSL and 1534' FWL Sec. 28 T31N R10W Unit N CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Recompletion Water Shut-Off Final Abandonment Notice Sidetrac Note: Report results of multiple completion on Weil Completion or

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, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attachments

14. I hereby certify that the foregoing is true and correct	RECEIVED	
Signed Patty Hackele	Title	Staff Assistant 06-30-1996
This space for Federal or State office use)	JUL 0 9 1996	AGGEPTED FOR RECORD
Approved by Conditions of approval, if any:	SRBU PERMITTING	JUL 03 1996

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 FARMINGTON: DISTRICT OFFICE or representations as to any matter within its jurisdiction.

BY JUT

Amoco Production Company has sidetracked this well per the following:

MIRUSU 4/9/96. Shoot off tubing at 4336'. Set CIBP at 4300', load hole and test casing to 500 psi, failed. Isolate leak 2500-2619'. Set packer, squeeze leak from 2500-2619' with 200 sx Class B neat, 15.6 ppg. Release packer. Tag top of cement at 2390'. Drill out cement 2390-2482'. Pressure test squeeze to 500 psi, failed. Re-squeeze leak from 2482-2222' inside 7" casing with 50 sx Class B neat, 15.6 ppg. Tag cement top at 2260', drill out to 2645', test casing, had a slight bleed off. Isolate leak 2460'2612', bleed off from 500 to 400 psi in 20 minutes and to 350 psi in 45 minutes; leak too small to re-squeeze. squeeze. Run CBL from 198-4120'. Estimated TOC at 2575' (100% bonding). RDMOSU 4/19/96.

MIRURT 4/30/96. NU BOPs. Pressure test BOPs and manifold to 750 psi, held ok. Set CIBP at 3440'. Oriented whipstock at 59.9 degrees and set whipstock tool. Mill window from 3426-3434', circulate well clean. TIH with motor, collars, sub, and bit. Run survey of whipstock and bottom, whipstock is set at 90 degrees and 2.5 degree angle. Drilling and surveyfrom 3434- TD at 5490'. Run and land 4.5" 11.6# J-55 production casing at 5450'. Pumped 15 bbls spacer and cemented with 325 sx Class B cement, 50/50 poz mix, 2% gel. Landed plug and pressure well to 1900 psi. Bled off pressure and plug held. Run temp survey. Found TOC at 2100'. RREL 5/7/96.

MIRUSU 5/20/96. Run TMD log from 3950-5375'. Pressure test casing and frac valve to 4800 psi, held ok. Perforate at: 4984-4985' and 5044-5045' w/ 2 JSPF, 5001' w/ 1 shot, 5106-5107' w/ 2 JSPF, 5112' w/ 1 shot, 5134-5135' w/ 2 JSPF, 5138' w/ 1 shot, 5146-5147' w/ 2 JSPF, 5160' and 5165' w/ 1 JSPF, 5173-5174' w/ 2 JSPF, 5182' w/ 1 shot, 5190-5191' and 5205-5206' w/ 2 JSPF, and 5214', 5224', 5264' w/ 1 JSPF. Total shots 25. 3.125" gun, .340" diameter, 120 deg phasing, 12.5 gms.

Acidize 4983-5364' with 12 bbls FE IICL. Balled off at 2300 psi, ran 35 7/8 ball sealers, caught 35 balls, had 19 hits, pump rate 4.5 bpm. Frac 4983-5264' with 77,488 lbs 16/30 Arizona sand; 796332 scf, 70% quality, max pressure 2586 psi, max rate 19.2 bpm. Start flowing well on 5/23/96. Set CIBP at 4890'. Pressure test casing to 2082', held ok.

Perforate at: 4348', 4362', 4397', 4446', 4466', 4479', 4489', 4510', 4533', 4579', 4587', 4593', 4605', 4611', 4622', 4628', 4639', 4655', 4661', 4667', 4673', 4690', 4724', 4787', 4853' with 1 JSPF, total shots 25, .340" diameter, 3.125" gun, 120 deg phasing, 12.5 gms. Acidize 4348-4853' with 12 bbls FE HCL, max pressure 3070 psi, max rate 9.8 bpm. Frac 4348-4853' with 73,216 lbs 16/30 sand, 980,614 scf, average pressure 3300 psi, average rate 16.8 bpm. Flowing well. Tag at 4593'. RDMOSU 6/3/96.

MIRUSU 6/14/96. Tagged sand at 4639', cleanout to CIBP at 4890', drill out plug, tag sand at 5276', and cleanout sand to 5384'. Flow well. Landed tubing at 5208' kb. RDMOSU 6/20/96.

BHL: 682' FSL and 1534' FWL