Form 31(0-3 (August 1995)

UNITED STATES DEPARTMENT OF THE INTERIOR BURFALLOE LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

	В	UREAU OF LAND	MANAGEMENT			5. Lease Serial No. NMSF - 078580-A	
	APPLICATI	ION FOR PERMIT	TO DRILL OR ⁹ ŘÉ	ENTE	R 2 27 11 26	6. If Indian, Allottee or Tribe Nan	ne
la. Type of Work:	☑ DRILL	REENTER				7. If Unit or CA Agreement, Nam	e and No.
/ 1b. Type of Well:	Oil Well	☑ Gas Well 🔲 🤇	Other 🔀 Singl	le Zone	☐ Multiple Zone	8. Lease Name and Well No. MOORE A 3B	
Name of Operator AMOCO PRO	DUCTION C	Contac	t: MARY CORLEY E-Mail: corleym@bp.com	I		9. API Well No. 30 - 0 4 5 - 30 9	93
3a. Address P.O. BOX 3092 HOUSTON, TX			3b. Phone No. (includ Ph: 281.366.4491 Fx: 281.366.0700		ode)	10. Field and Pool, or Explorator BLANCO MESAVERDE	у
4. Location of Wel	l (Report loca	tion clearly and in accor	dance with any State requir	rements.	*)	11. Sec., T., R., M., or Blk. and S	urvey or Area
At surface		E Lot A 925FNL 875	FEL 36.50700 N Lat,	107.40	500 W Lon	A Sec 4 T30N R8W Mer NI	MP
14. Distance in mil 22 MILES FR	es and direction	from nearest town or po	st office*	6	91111273	12. County or Parish SAN JUAN	13. State NM
lease line, ft. (. 875' FROM E	Also to nearest o	n to nearest property or frig. unit line, if any)	16. No. of Acres in L 320.70	` .	JAN 2002 JEOE	17. Spacing Unit dedicated to this	s well
	proposed location plied for, on this	n to nearest well, drilling lease, ft.	5744 MD	7	OF DISC.	20. BLM/BIA Bond No. on file	
21. Elevations (She 6220 GL	ow whether DF,	KB, RT, GL, etc.	22. Approximate date 01/25/2002	work	ill start	23. Estimated duration 5 DAYS	
			24. Atta				
The following, comp	leted in accordan	nce with the requirement	s of Onshore Oil and Gas C	Order No	. I, shall be attached to	this form:	
 Well plat certified A Drilling Plan. A Surface Use Pla SUPO shall be : 	in (if the location	surveyor. n is on National Forest S propriate Forest Service	ystem Lands, the Office).	5. Or 6. St	em 20 above). perator certification	ions unless covered by an existing bo	•
25. Signature (Electronic S	ubmission)		Name (Printed/Typed MARY CORLE		Mary		ate 12/11/2001
Title AUTHORIZE	D REPRESE	NTATIVE					
Approved by (Sign	Man Kin	ewic2	Name (Printed/Typed	i)		D	ate /8/82
Title A	EM		Office FFC	2			
Application approva operations thereon. Conditions of approv			t holds legal or equitable tit	ile to tho	se rights in the subject	lease which would entitle the applica	nt to conduct
Title 18 U.S.C. Secti States any false, ficti	ion 1001 and Tit itious or fraudule	le 43 U.S.C. Section 121 ent statements or represe	2, make it a crime for any parter with the state of the s	person ki ithin its j	nowingly and willfully urisdiction.	to make to any department or agency	of the United

Additional Operator Remarks (see next page)

Electronic Submission #9721 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Farmington

procedural review pursuant to 43 CFR 7165.3 and appeal pursuant to 43 CFR 3165.4.

EXILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

District I PO E3x 1980, Hobbs NM 88241-1980 District II

PO Drawer KK, Artesia, NM 87211-0719 District III

PO Box 2088, Santa Fe, NM 87504-2088

1000 Rio Brazos Rd., Aztec, NM 87410 District IV

State of New Mexico Energy, Minerals & Natural Resources Department

Revised February 21, 1994 Instructions on back Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

Form C-102

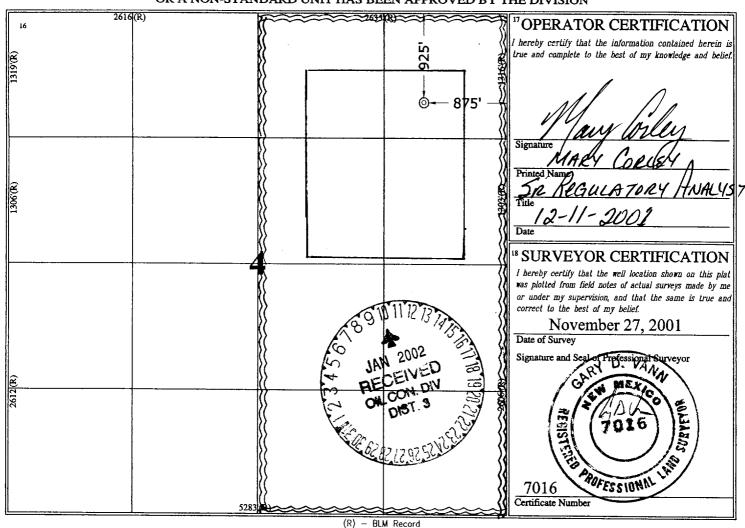
OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

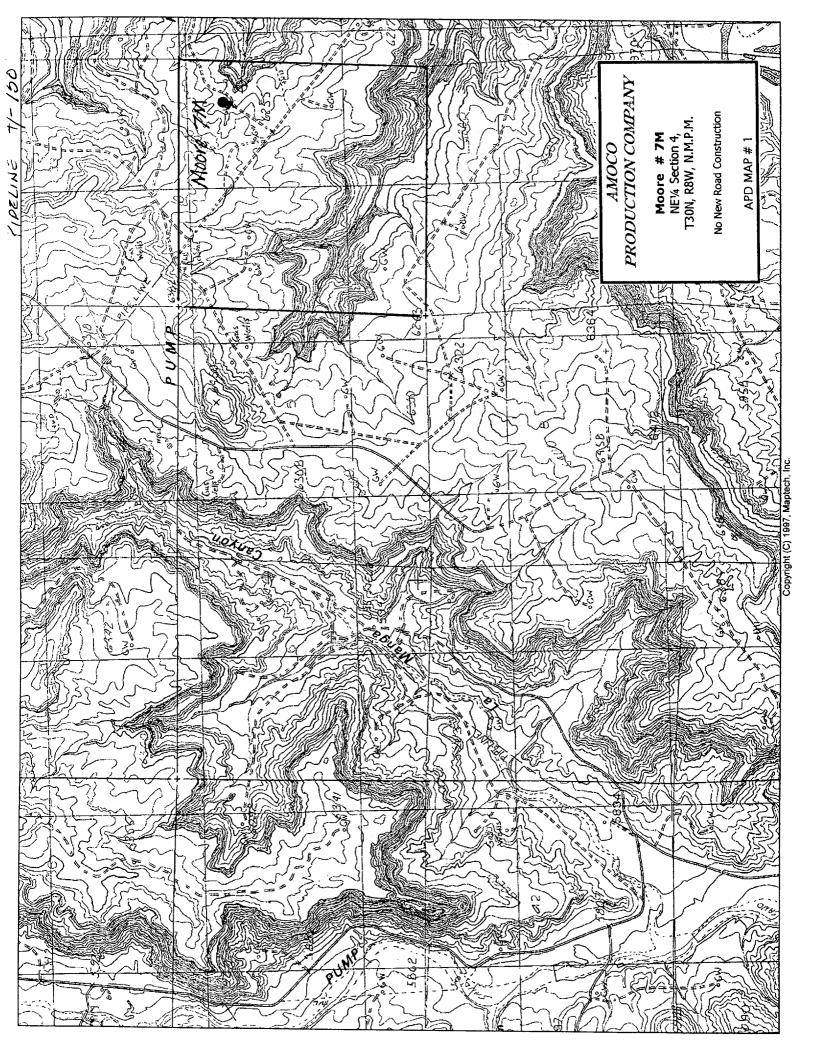
	OC A TION	AND ACDE	CE DEDICA	TION PLAT
با بابانا ۲۷	OCATION.	AIVIJ AUREA	KLIC IJCIJIL A	LIMBIN PLAT

API Number Pool Code Pool Name							Name				
30-045	-309	53	1	2319	1	BLANCO M	ESA VER	DE.			
Property Coc	de				⁵ Property				Well Number		
000 87	5	Mo	ore ,	Α					3B		
7 OGRID No	OGRID No. Operator Name								9 Elevation		
000 778	3	AM	10C0) PROD	UCTION (COMPANY			6220		
					¹⁰ Surface I	Location					
	Section T	Township 1	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		

A	4	30 N	8 W	l	925	NORTH	875	EAST	SAN JUAN
			11 Bott	tom Hole	Location If	Different From	n Surface		
⁷ UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acre	s ¹³ Joir	ut or Infill 14	Consolidatio	on Code 15 0	Order No.				
320.7		Ì							

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION





AMOCO PRODUCTION COMPANY DRILLING AND COMPLETION PROGRAM

Prospect Name: Moore A

Well No: 3B

Lease: MOORE A

Surface Location: 4-30N-8W, 925 FNL,875 FEL Field: Blanco Mesaverde

County: San Juan
State: New Mexico
Date: December 11, 2001

OBJECTIVE: Drill 50' belo	w the base of the	e Mancos	Shale, s	set 41/2" pro	duction	casing, Stim	nulate	LS, CH,	MF and P	L inter	/als			
METHOD OF DRILLING						APPROXIMATE DEPTHS OF GEOLOGICAL MARKER								
TYPE OF TOOLS	DEPTH OF DRILLING					Estimated GL: 6220			Estimated KB: 6234					
Rotary	0 - TD					MARKER		l	St	JBSE			TVD	
Li	T Oid	Alamo					4386			1848				
TYPE		TH INVE	RAL		Fru	itland Coa	ı	*			3466			2768
OPEN HOLE						tured Cliffs		*			3153			3081
GR-Induction	TD to 7" shoe					vis Shale		#			3077			3157
Density/Neutron	TD to	7" shoe	:		Cli	f House		#			1316			4918
·						nefee Shal		#			1249		4	4985
CASED HOLE						int Lookout	t	#			928			5306
GR-CCL-TDT TDT – TD to 7" shoe CBL Identify 4 ½" cement top						ncos					544		į	5690
CBL	identi	ry 4 ½ 0	cement	тор		eenhorn ntonite Mai	rkor							
REMARKS:					_	o Wells	rkei	#						
- Please report any flares (magnitude & d	luration)				kota MB		#						l
r lease report any nares (inagimado a a	iai alioni,	•			rro Canyon	1	"						
						rrison	•	*						
						TAL DEPT	Н		<u> </u>		490			5744
						robable co		etion inte	erval	* P	ossible	Pav		
S	PECIAL TES	TS				RILL CUT							TIME	
TYPE	. 200.42 . 20	. •				EQUENC		DEPTH		FRE	QUEN		DEPT	гы
None						feet	'	Producti	-		ograph		0-TD	'''
REMARKS:	····				+					0001	ograp.	<u> </u>	0 10	
KENIAKKO.														
MUD PROGRAM:														
-	l T	e Mud		NA/aimh4	Lv	<i>l</i>	Ιv	M/I aak	s/30 mii		Mhan	۰	: : : 4!	_
Approx. Interval	יועי	Je Muu		Weight, #/ga	"	is, sec/qt	•	V/L CC 3	5/30 11111	"	Julei	Spec	ification	
0 - 120-135	Spt	ıd		8.6-9.2	L									
200 - 2718	1 ,	ter/LSN	1D	8.6-9.2			<	6						
2718 - 5744	` '	s/Air/N2			sufficie	ent to mair	ntain	a stabl	e and cl	lean w	/ellbor	e		
REMARKS:														
(1) The hole will require	sweeps to ke	ep unlo	oaded v	vhile fresh	water	drillina. L	et ho	ole con	ditions o	lictate	frequ	encv		
(1) 1110 11010 11111 10441110	omoopo to to	, op						0.0 00				o		1
CASING PROGRAM: (1	Vormally tubular	nonds al	llocation	letter specific	e casin	a sizes to he	9 1150	d Holes	izes will h	e anve	rned by	Contr	act)	
Casing String	Estimated I			ng Size	Grad			eight	Hole S				t, Cmt,	Etc.
Surface/Conductor		20-135	1	9 5/8"		ST&C	 	32#		.25"	1	<u>g</u> .	<u>.,</u> ,	
Intermediate 1	'~	2718		7"		55 ST&C		20#		.75"	1,2			
Production		5744		4 1/2"	J-55	70 0100		11.6#		.25"	3			
REMARKS:														
(1) Circulate Cement to Surface														
(2) Set casing 50' above		nal												
(3) Bring cement 100' a														
CORING PROGRAM:	DOVE / SINCE					· · · · ·						_		
None								-						
COMPLETION PROGR														
Rigless, 3-4 Stage Limit	ea Entry Hyar	aulic Fr	rac											
GENERAL REMARKS:		0	DOD 4-	_4:	O:-			•						
Notify BLM/NMOCD 24	nours prior to	Spua,	BOP te						NI/	Λ				
Form 46 Reviewed by:		ADDD	0)/55		ging	rogram re	eview	vea by:	N/	^				
PREPARED BY:	·	APPR	OVED:	•		DATE:		_		ا ہے				
110.14.015						. .		Decem	iber 20	רט ן				
HGJ/MNP Form 46 12-00 MNP						Versio			ber 20	רטי				

Amoco Production Company BOP Pressure Testing Requirements

Well Name: Moore A County: San Juan

3B

State: New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1848		
Fruitland Coal	2768		
PC	3081		
Lewis Shale	3157		
Cliff House	4918	500	O
Menefee Shale	4985		_
Point Lookout	5306	600	o
Mancos	5690		_

** Note: Determined using the following formula: ABHP - (.22*TVD) = ASP

Requested BOP Pressure Test Exception: 3000 psi

SAN JUAN BASIN **Dakota Formation Pressure Control Equipment**

Background

The objective Dakota formation maximum surface pressure is anticipated to be less than 1000 PSI. based on shut-in surface pressures from adjacent wells. Pressure control equipment working pressure minimum requirements are therefore 2000 PSI. Equipment to be used will conform to API RP-53 (Figure 2.C.2) for a 2000 PSI system per Federal Onshore Order No. 2. Due to available conventional equipment within the area, 3000 PSI rated pressure control equipment will typically be utilized in a double ram type arrangement. Regional drilling rights to be utilized have substructure height limitations which exclude the use of annular preventers; therefore a rotating head will be installed above these rams. This pressure control equipment will be utilized for conventional drilling below conductor to total depth in the Basin Dakota. No abnormal temperature, pressure, or H2S anticipated.

Equipment Specification

Interval

BOP Equipment

Below conductor casing to total depth

11" nominal or 7 1/16",3000 PSI double ram preventer with rotating head.

All ram type preventers and related control equipment will be hydraulically tested to 250 PSI (low pressure) and 2000 PSI (high pressure), upon installation, following any repairs or equipment replacements, or at 30 day intervals. Accessories to BOP equipment will include kelly cock, upper kelly cock with a handle available, floor safety valves and choke manifold which will also be tested to equivalent pressure.