Form 3160-3 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO	DRILL (OR REENTER		Lease Serial No. NMSF078655	
la. Type of Work X DRILL	REENTE	3 721 012 12 PH 1: 2		f Indian, Allotee o	r Tribe Name
1b. Type of Well Oil Well X Gas Well Othe	er [X	Single Zone Multiple Zon	e 7.t	Jnit or CA Agreen	nent Name and No.
2. Name of Operator			8. I	ease Name and W	ell No.
ConocoPhillips Company 3a. Address		3b. Phone No. (include area co		Aztec #200A	
5525 Highway 64, NBU 3004, Farmington, NM	87401	505-599-3454	9.1	API Well No. 30 04 5	
4. Location of Well (Report location clearly and in accordance with At surface Unit I, 1460 FSL & 660 FEL	n any siau	AX	- (A) t	ield and Pool, or I Basin Fruitl	
At proposed prod. zone Same as above		E O MAY 200	y E	ection 8, T	•
14. Distance in miles and direction from nearest town or post office* approx. 14 miles no	rth of	Aztec.		ounty or Parish Juan	13. State
15. Distance from proposed* location to nearest		16. No. of Acces in lease		g Unit dedicated to	
property or lease line, ft. (Also to nearest drg. unit line, if any)		SESSESSI TO THE SESSION OF THE SESSI	P 3	36.35 entire	e section
18. Distance from proposed location* to nearest well, drilling, completed,		19. Proposed Depth	20.BLM/E	BIA Bond No. on	file
applied for, on this lease, ft.	<u>.</u> n	3575		ES008	35
21. Elevations (Show whether DF, KDB, RT, GL, etc.	¥	22. Approximate date work will star	rt*	23. Estimated dur	ation
6766'		4/30/04		3() days
	24	. Attachments	e in car d		
The following, completed in accordance with the requirements of On	shore Oil	and Gas Order No. 1, shall be attache	d to this for	m:	** . *** *
 Well plat certified by a registered surveyor. A Drilling Plan A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	Lands, the	 4. Bond to cover the operation Item 20 above). 5. Operator certification. 6. Such other site specific in authorized officer. 			
25. Signuature	/ N	ame (Printed/Typed)		Date	
talsy Christin		Patsy Clugston			3/19/04
Title Regulatory Analyst					
Approved by (Signautre)	Na	ame (Printed/Typed)		Date	4-5-04
Title	Oi	ffice			
Application approval does not warrant or certify that the applicant h conduct operations thereon. Conditions of approval, if any, are attached.	olds legal	or equitable title to those rights in t	he subject l	ease which would	entitle the applicant to
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, ma United States any false, fictitious or fraudulent statements or represent			villfully to	make to any depa	rtment or agency of the

*(Instructions on Reverse)

This action is subject to technical and procedural review pursuant to 43 CFR 3165 5 and appeal pursuant to 43 CFR 3165.4

District I PO 80x 1980, Hobbs, NM 88241-1980

District II PO Drawer DD. Artesia, NM 88211-0719

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

District IV PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

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

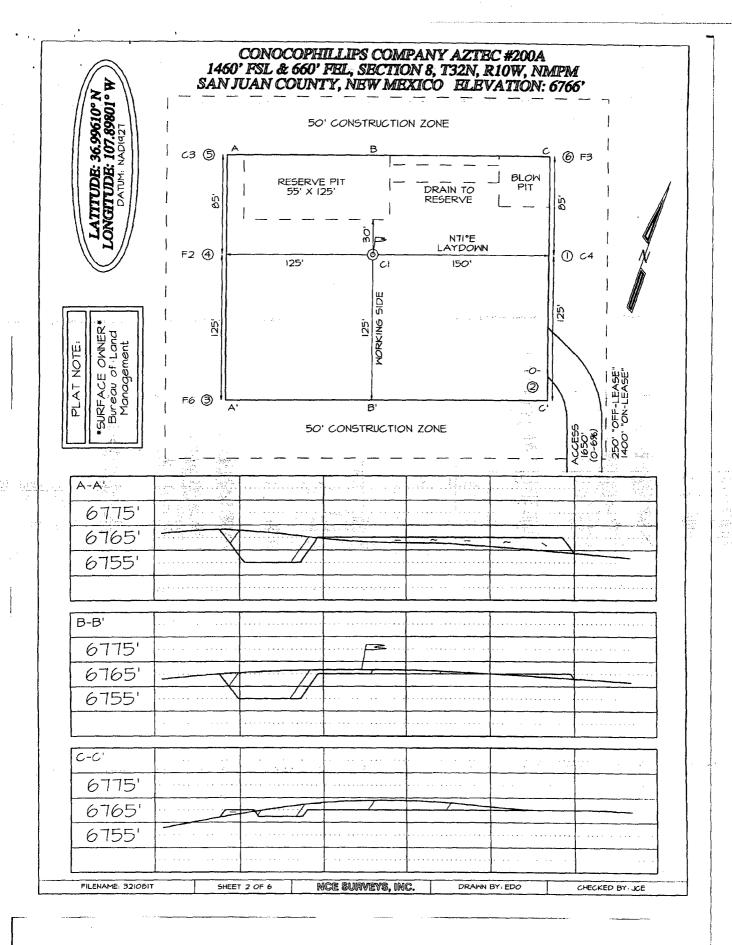
Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

,	API Numbe	r		*Pool Co					'Pool Nam			
				71629			ВА	SIN	FRUITL	AND CO		
*Property				Property	•						211 Number	
3132				<u> </u>	AZT							200A
'0GRID		*Operator Name CONOCOPHILLIPS COMPANY					1	*Elevation				
21781	. /											6766
					¹⁰ Surface							
UL or lot no.	Section	Township	Range 4 Olul	Lot Idn	Feet from the	North/Sout	_	ì	t from the	East/West		County
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UL or lat no.	Section	11 C	Bottom Range	Hole l	<u>ocation I</u>	f Diffe			m Surf			·
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² Dedicated Acres			<u> </u>	L	Dist or Infill	¹⁴ Consolidatio	Code	15 Order	No.			<u> </u>
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APOFESSION!

Certificate Number



CONOCOPHILLIPS COMPANY

WEL	NAME: Aztec #200A - HPA well
DRIL	LING PROGNOSIS
1.	Location of Proposed Well: Unit I, 1460' FSL & 660' FEL
	Section 8, T32N, R10W
2.	Unprepared Ground Elevation: @ 6766'.
3.	The geological name of the surface formation is <u>San Jose</u> .
4.	Type of drilling tools will be <u>rotary</u> .
5.	Proposed drilling depth is3575'
6.	The estimated tops of important geologic markers are as follows:
	Naciamento - 13' Base of Main Coal – 3419'
	Ojo Alamo - 1759' Base of Lowest Coal - 3494'
	Kirtland - 1809' Pictured Cliffs - 3499'
-	Fruitland - 3244' Intermediate Casing - 3244'
alija sa ili Nga salah	Total Depth - 3575'
	TD includes 81' of sump/rathole & COPC will comply with the BLM/OCD's Conditions
	of Approval for the proposed sump/rathole in this non-producing Pictured Cliffs
. ,	Formation.
7.	The estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:
	Water: Ojo Alamo - 1759' - 1809'
	Oil: none
	Gas: <u>Fruitland Coal - 3094' - 3494'</u>
	Gas & Water: Fruitland Coal - 3094' - 3494'
8.	The proposed casing program is as follows:
	Surface String:9-5/8", 32.3#, H-40 @ 200' *
	Intermediate String: 7", 20#, J/K-55 @ 3244'
	Production Liner: 5-1/2", 15.5# J/K-55 @ 3224' - 3575' (see details below)
	* The surface casing will be set at a minimum of 200', but could be set deeper if required to maintain hole stability.
9.	Cement Program:

Surface String: 150.2 sx Class G cement with 2% bwoc CaCl2 (S001), 0.25#/sx Cello-Flake (D029) 1.16 cuft/sx yield = 174.27 cf

Surface String:

9. Cement program: (continued from Page 1)

Intermediate String:

<u>Lead Cement:</u> 408 sx Class G w/3% D079 (Extender) 0.25#/sx D029 (Cellephone flakes, + 0.2% D046 Flocele (All purpose antifoam agent) mixed at 11.7 ppg and yield of 2.61 cuft/sx = 1066.12 cf.

Tail: 96 sx - 50/50/G/POZ cement w/2% D020 (Bentonite Extender), 2% S001 (CaCl2), 5#/sxD024 (Gilsonite), ½#/sx D029 (Celephane flakes) & 2% D046 (all purpose antifoam agent) @ a weight of 13.5 ppg and yield of 1.27 cuft/sx = 122.29 cf.

Note: ConocoPhillips Company continually works to improve the cement slurries on our wells. Our Cementing Service Companies are currently trying to improve what we are using now and before we would use a new cement program it would have to have stronger properties than we are currently using.

Centralizer Program:

Surface: Total four (4) - 10' above since and top of 2nd, 3rd, & 4th its.

Intermediate: Total seven (7) - 10' above shoe and top of 1st, 2nd, 4th, 6th, 8th, &

1st jt. into shoe.

Turbulators: Total three (3) - one at 1st jt below Ojo Alamo and next 2 jts up.

Liner:

• A 5 ½" 15.5# liner will be run in the open hole without being cemented.

Completion - depending on well conditions the:

- Well will either be cavitated and a 5-1/2" liner will be run without being cemented, or
- Well will be underreamed, tubing will be set and cavitated at a later date.
- 10. The minimum specifications for pressure control equipment which are to be used, a schematic diagram thereof showing sizes, pressure ratings (or) API series and the testing procedure and testing frequency are enclosed within the APD packet.
- 11. Drilling Mud Prognosis: Surface spud mud on surface casing.

Intermediate - fresh water w/polymer sweeps. Bentonite as

required for viscosity.

Below Intermediate - air drilled.

115.14

12. The testing, logging, and coring programs are as follows:D.S.T.s or cores:Logs: Mud logs only

13. Anticipated no abnormal pressures or temperatures to be encountered or any other potential hazards such as Hydrogen Sulfide Gas. Low risk H₂S equipment will be used.

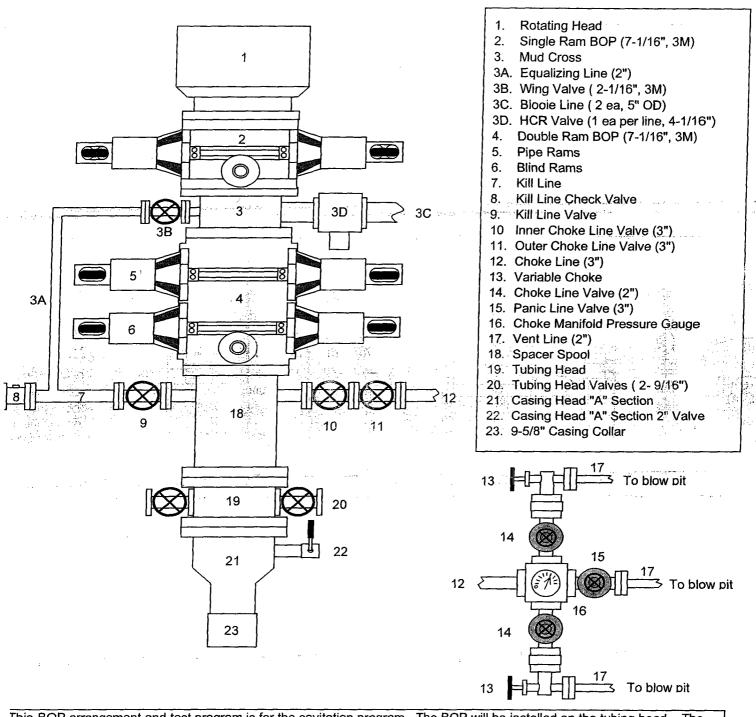
Estimated Bottomhole pressures: Fruitland Coal - +/- 120 psi

- 14. The anticipated starting date is sometime around April 30, 2004 with duration of drilling operations for approximately 30 days thereafter.
- 15. Since this well falls within the High Productivity Area and according to NMOCD Order R-8768-F, the "Affected Parties" will be notified by Certified Mail. This notification will be put in the mail on 3/19/04 "Affected Parties will have 20 days to file their written objection to the proposed Application for permit to Drill to the NMOCD in Aztec. See attached copy of letter to "Affected.

2004drill\ Aztec 200A newest drill prog-cav HPA 3-04 doc

BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

For Cavitation Program



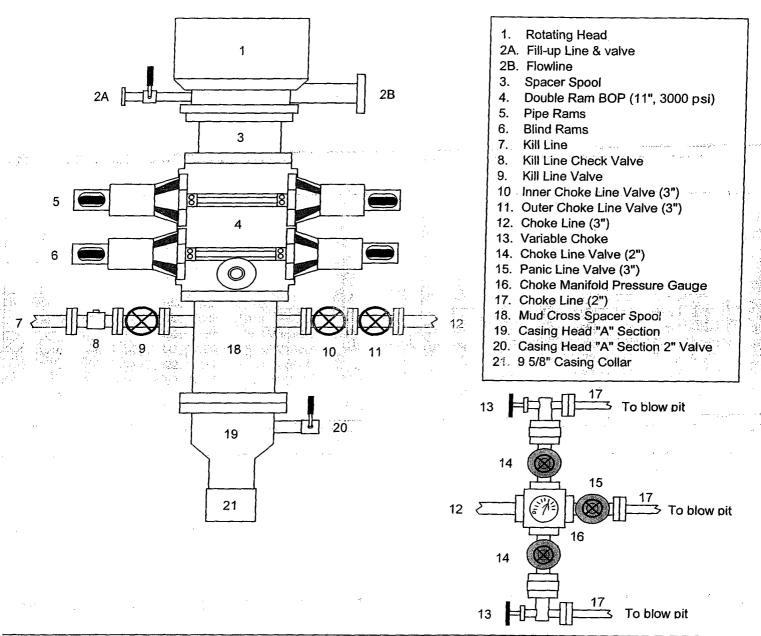
This BOP arrangement and test program is for the cavitation program. The BOP will be installed on the tubing head. The 7" casing will be pressure tested against closed blind rams to 200 psi to 300 psi for 2-3 minutes and to 1800 psi for 30 minutes - this test pressure is 48% of the minimum internal yield strength of 3740 psi for the 7", 20#, J-55, STC casing. The pipe rams and choke manifold will be tested to 200 psi to 300 psi (low pressure test) for 2-3 minutes and to 1800 psi (high pressure test) for 10 minutes - This test will be done with a test plug or possibly without a test plug (ie against casing). If we conduct this test without a test plug we will ensure that we have sufficient drillstring weight in the hole to exceed the upward price generated by the test.

Ve use a power swivel and air/mist to drill the 6-1/4" hole in our cavitation program. We do not use a kelly. In addition to ne equipment in the above diagram the following equipment will comprise the BOP system:

- . String floats will be used inside the drillpipe
- Stab-in TIW valve for all drillstrings in use
- Each blooie line is equipped with a hydraulically controlled valve (HCR valve).

BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

For Drilling to Intermediate Casing Point & Setting 7" Intermediate Casing



This BOP arrangement is for the drilling operations from the time the 9-5/8" surface casing is set through the setting of the 7" intermediate casing. The Casing Head "A" Section will be screwed onto the 9-5/8" surface casing stub. The BOP will be installed on the Casing Head "A" Section. The Pipe Rams, Blind Rams, Choke Manifold, and 9-5/8" surface casing will be tested to a low pressure test of 200 psi to 300 psi and to a high pressure test of 1000 psi (this value is 44% of the minimum internal yield pressure of the 9-5/8" casing). We will drill the 8-3/4" hole to intermediate casing point and run and cement the 7" intermediate casing. Then we will nipple down the BOP, install a trash cap, & move out the drilling rig. We will install the casing spool on the 7" stub after the drilling rig is moved off location. At a later date we will move in the cavitation rig for he cavitation program.

n addition to the equipment in the above diagram the following equipment will comprise the BOP system:

- Upper Kelly cock Valve with handle
- . Stab-in TIW valve for all drillstrings in use

Form 31-60-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000

5. Lease Serial No. NMSF078655

6.	If Indian,	Allottee or	Tribe Name	

SUBMIT IN TRII	PLICATE - Other instruction	s on reverse side 67	8 9 77 17 If Unit or CA/Agr NMNM91223	reement, Name and/or No.
1. Type of Well		(A) (8. Well Name and No AZTEC 200A	o
Oil Well Gas Well Oth		EV CITICES ON	API Well No.	
Name of Operator CONOCOPHILLIPS COMPAN	IY E-Ma	SY CLUGSTONO	30-045-32245	
3a. Address 5525 HWY FARMINGTON, NM 87401	Ph Fx:	Phone No. (include area code: 505.599,3454 505-599-3442	BASIN FRUIT	LAND COÁL
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)	6000	11. County or Parish	n, and State
Sec 8 T32N R10W NESE 146	0FSL 660FEL	a starta	SAN JUAN CO	DUNTY, NM
12. CHECK APPE	ROPRIATE BOX(ES) TO INI	DICATE NATURE OF	NOTICE, REPORT, OR OTH	ER DATA
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION	
— Notice of Intent	Acidize	Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
Notice of Intent	Alter Casing	Fracture Treat	Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	Recomplete	Other
☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandon	☐ Temporarily Abandon	_
	Convert to Injection	Plug Back	☐ Water Disposal	
following completion of the involved	operations. If the operation results is pandonment Notices shall be filed on inal inspection.) OTECTION GROUNDBED FOR till a cathodic protection deep noticipated minimum depth of 30 more than one water zone is easier to that depth. If more than details of cement and casing worst on existing well pad and a Far Co.	n a multiple completion or recly after all requirements, inclusive R SUBJECT WELL. well groundbed for the solo (maximum depth of 50 encountered. Prior drilling one water zone is encounted). mington based company	00'). Cement and history for buntered, y will be doing	160-4 shall be filed once
, , ,	Electronic Submission #2934 For CONOCOPHILLII	PS COMPANY, sent to th	e Farmington	
	nitted to AFMSS for processing		•	
Name (Printed/Typed) PATSY CI	LUGSTON	Title AUTH	ORIZED REPRESENTATIVE	
Signature (Electronic S	Submission)	Date 04/06/2	2004	
		EDERAL OR STATE	OFFICE USE	
/a/ David	J. Mankiewicz			
Approved By		Title		MAY - 5 200
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conditions.	uitable title to those rights in the subjuct operations thereon.	ect lease Office		
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent				or agency of the United

Aztec #200A NMSF078655; Unit I, 1460' FSL & 660' FEL Section 8, T32N, R10W, San Juan County, NM

Cathodic Protection

ConocoPhillips proposes to drill a cathodic protection deep well groundbed for the subject well. Will drill a 6-7/8" hole to an anticipated minimum depth of 300' (maximum depth of 500'). Cement plugs will not be used unless more than one water zone is encountered. Prior drilling history for the area indicates only one zone to that depth. If more than one water zone is encountered, notification will be made and details of cement and casing will be provided.

All drilling activity will remain on existing well pad and a Farmington based company will be doing the drilling for ConocoPhillips.

ConocoPhillips

San Juan Area 5525 Hwy. 64 Farmington, NM 87401

Release 2-04 NMOCD

> Attn: Steve Hayden 1000 Rio Brazos Rd Aztec, NM 87410

Dear Steve:

March 19, 2004

Attached is a copy of the APD for the Aztec #200A, the Notification Letter to Burlington and BP Amoco and the return receipt for the notifications. The 20-day waiting period for BRI and BP to give written objection to this permits should be approx. 4/45/04.

Thanks,

Patsy Clugston

599-3454

A Company of the Comp	· · · · · · · · · · · · · · · · · · ·
SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete	COMPLETE THIS SECTION ON DELIVERY
item 4 if Restricted Delivery is desired. Print your name and address on the reverse	Agent Addressee
so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.	B. Received by (Printed Name) C. Date of Delivery
Article Addressed to:	D/Is delivery address different from item 1? U Yes If YES, enter delivery address below: No
Burlington Resources P.O. Box 4289	:
P.O. Box 4089	
Farmington NM.	3. Service Type Certified Mail
87499	☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.
· · · · · · · · · · · · · · · · · · ·	4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from service label) 7001 0320)004 8670 2916
PS Form 3811, August 2001 Domestic Ref	urn Receipt 102595-01-M-0381
Arke 200A	10233-01-14-0301
Azlec 200A	
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse	COMPLETE THIS SECTION ON DELIVERY A Signature Agent Addressee
SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.	COMPLETE THIS SECTION ON DELIVERY A Signature Agent Addressee B. Received by (Applied Name) C. Date of Delivery 2-23-9-4
SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece,	COMPLETE THIS SECTION ON DELIVERY A. Signature A. Agent Addressee B. Received by (Figure) page) C. Date of Delivery
SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.	COMPLETE THIS SECTION ON DELIVERY A. Signature Agent Addressee
SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: BP AMOCO Attn: Bryan Anduson BuckBlude	COMPLETE THIS SECTION ON DELIVERY A. Signature Agent Addressee
SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: BP AMOCO Attn: Bryan Anduson Lake Park Blvd.	COMPLETE THIS SECTION ON DELIVERY A. Signature Agent Addressee
SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: BP AMOCO Attn: Bryan Anderson Lake Park Blvd West Lake 1; Rm 19,128	COMPLETE THIS SECTION ON DELIVERY A signature A Agent Addressee B. Received by (Applied Manne) C. Date of Delivery 2-23-94 D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No
SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: BP AMOCO Attn: Bryan Anduson Lake Park Blvd.	COMPLETE THIS SECTION ON DELIVERY A Signature A Agent Addressee B. Received by (April of Manager) D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No 3. Service Type Certified Mail

PS Form 3811, August 2001
AZHC ZOOA

AZTEC #200A OFFSET OPERATOR PLAT

TOWNSHIP	32	NORTH,	RANGE	10	WEST
TOWNSHIP	32	NUKIH,	RANGE	10_	WESI

1450' FSL, 660' FEL

	BP America	Purlington Pagaura	Budington Pagagga
	Production	Burlington Resource Oil & Gas	Burlington Resource Oil & Gas
	COLO	RADO	
NEW MEXICO			Burlington Resource Oil & Gas
	BP America Production	ConocoPhillips	Burlington Resource Oil & Gas