ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

TH	IS CHECKI	LIST IS MA	NDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
Applica	[NSL-N	IC-Down [PC-Poc	
[1]	TYPE	OF API [A]	PLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication NSL NSP SD MAY 2 2 2003
		Check [B]	One Only for [B] or [C] Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM
		[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI EOR PPR
		[D]	Other: Specify
[2]	NOTI	FICATI [A]	ON REQUIRED TO: - Check Those Which Apply, or Does Not Apply Working, Royalty or Overriding Royalty Interest Owners
		[B]	Offset Operators, Leaseholders or Surface Owner
		[C]	Application is One Which Requires Published Legal Notice
		[D]	Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
		[E]	For all of the above, Proof of Notification or Publication is Attached, and/or,
		[F]	☐ Waivers are Attached
[3]			CURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE TION INDICATED ABOVE.
	al is acc	urate an	TION: I hereby certify that the information submitted with this application for administrative ad complete to the best of my knowledge. I also understand that no action will be taken on this quired information and notifications are submitted to the Division.
PEG	ωγ r Type Na	COLE	Statement must be completed by an individual with managerial and/or supervisory capacity. REGULATORY Super 5-21-03
rint o	г туре Ма	une	Signature KEGULATORY Supr. 5-21-0= Title Date Plole & br-inc. Com e-mail Address

BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express May 21, 2003

Mr. Michael Stogner New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87504

Re: Aztec Fe

Aztec Federal #1M

700'FNL, 2225'FEL, Section 24, T-30-N, R-11-W, San Juan County

30-045-31109

Dear Mr. Stogner:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Otero Chacra and Basin Dakota pools. The subject well is planned as a Chacra, Mesaverde, Dakota commingled completion and an application will be submitted for downhole commingling in these three pools.

The subject well was staked at this location due to terrain, existing utilities, and geology. Rugged terrain shown on the attached topographic map, and the existing utilities as shown on the aerial photograph encompass a majority of the area within the legal window for the Chacra and Dakota. This well is staked at an orthodox location for the Mesaverde.

The Kessler #1 (30-045-09388) is located at 990'FNL, 990'FEL; we do not wish to utilize its wellpad due to the interpreted Mesaverde drainage pattern as attached. The Lloyd #2 (30-045-26641) is located at 1840'FNL, 1710'FEL but its wellpad cannot be utilized as it is an existing Mesaverde well.

Production from the Chacra is to be included in a 157.6 acre gas spacing and proration unit comprising of the northeast quarter of Section 24 and is to be dedicated to the Aztec Federal #1 (API# 30-045-09319), located at 1560'FSL, 1850'FEL of Section 24.

Production from the Dakota is to be included in a 320 acre gas spacing and proration unit comprising of the east half of Section 24 and is to be dedicated to the Aztec Federal #1 (API# 30-045-09319), located at 1560'FSL, 1850'FEL of Section 24.

Production from the Mesaverde is to be included in a 314.36 acre gas spacing and proration unit comprising of the north half of Section 24 and is to be dedicated to the Lloyd #2 (30-045-26641) located at 1840'FNL, 1710'FEL of Section 24, the Lloyd #2A (30-045-29531) located at 915'FNL, 1485'FWL of Section 24, and the Cedar Hill #1M (30-045-30078) located at 1715'FNL, 819'FWL of Section 24 (see attached plat). The Aztec Federal #1M is standard for the Mesaverde.

Mr. Michael Stogner Page Two February 18, 2003

The following attachments are for your review:

- Approved application for Permit to Drill
- Completed C-102 at referenced location
- Offset operators/owners plats for the Chacra and Dakota
- Topographic Map
- Aerial photograph
- Mesaverde drainage patterns
- Well Plat

Three copies of this application are being submitted to offset operators/owners by certified mail with a request that they furnish you with a Waiver of Objection, keep one copy for their files and return one copy to this office. Please let me know if you have any questions about this application.

Sincerely,

BURLINGTON RESOURCES

Peggý Cole

Regulatory Supervisor

	hereby \	WAIVER waives objection to	Burlington Resources	application for
a non	standard location for the Aztec Fed	eral #1M as propo	sed above.	4
Ву: _	· · · · · · · · · · · · · · · · · · ·	Date:	;	
Xc:	Bureau of Land Management			

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

1a.	Type of Work	5. Lease Number
	DRILL	SF-078174-A
		Unit Reporting Number
lb.	Type of Well GAS	6. If Indian, All. or Tribe
2.	Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name
3.	Address & Phone No. of Operator	8. Farm or Lease Name
	PO Box 4289, Farmington, NM 87499	Aztec Federal
	4	9. Well Number
	(505) 326-9700	1M
4.	Location of Well	10. Field, Pool, Wildcat
	700'FNL, 2225'FEL	Otero Cha/Blanco MV/Basin DK
	Latitude 36° 48.2, Longitude 107° 56.4	11. Sec., Twn, Rge, Mer. (NMPM) Sec. 24, T-30-N, R-11-W API # 30-045- 3 1 0 9
14.	Distance in Miles from Nearest Town	12. County 13. State
	5.6 Mls to Int. Hwy 550 & Hwy 173 in Aztec NM	I San Juan NM
15.	Distance from Proposed Location to Nearest Property or Lease	Line
	700	
16.	Acres in Lease	17. Acres Assigned to Well Cha-157.60, MV-314.36, DK-32
18.	Distance from Proposed Location to Nearest Well, Drlg, Compl	, or Applied for on this Lease
	1294 This action is subject to technical and	
19.	Proposed Depth procedural review pursuant to 43 CFB 3165.3 and appeal pursuant to 43 CFB 3165.3	20. Rotary or Cable Tools
	7309 and appeal pursuant to 43 CFR 3165.3	Rotary
21.	Elevations (DF, FT, GR, Etc.) 6212′ GR	22. Approx. Date Work will Start
23.	Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".
24.	Authorized by: Regulatory/Compliance Supervisor	1-8-62 Date
	MIT NO. APPROVAL	DATE
PERM	MII NO. APPROVAL	DATE

Archaeological Report to be submitted
Threatened and Endangered Species Report to be submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

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, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

I 1 N. French Dr., Hobbs, N.M. 88240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

DISTRICT II 811 South First, Artesia, N.M. 88210

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Submit to Appropriate District Office State Lease — 4 Copies Fee Lease — 3 Copies

2040 South Pacheco, Santa Fe, NM 87505

DISTRICT III 1000 Rio Brazos Rd., Aziec, N.M. 87410

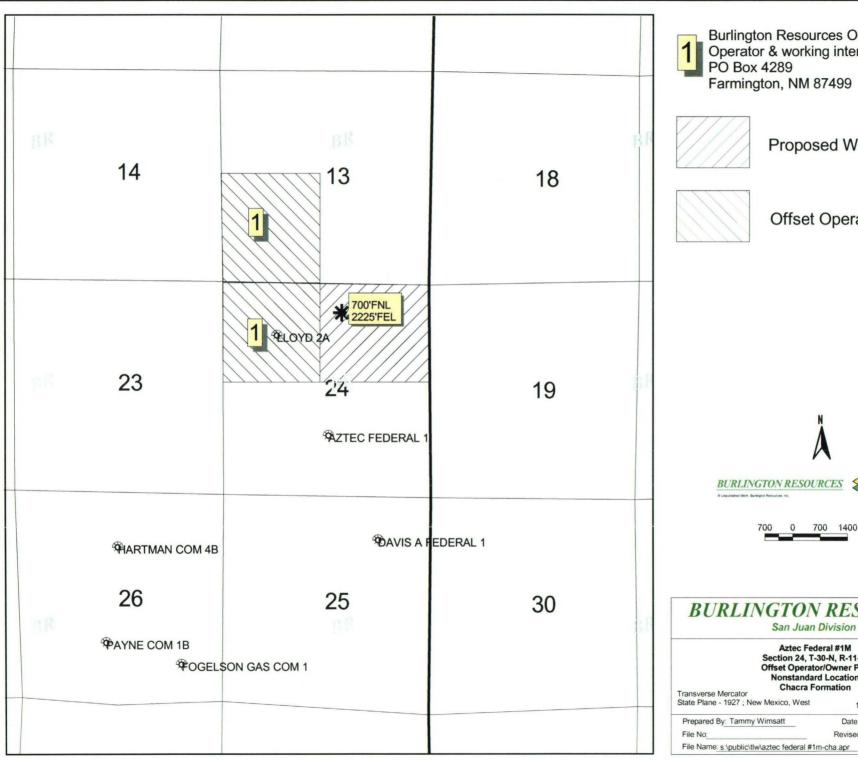
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API	Number			² Pool Code			³ Pool Name				
30-045			82329	9/72319/	71599	Otero Cha/Blan	nco MV/Basin	DK			
⁴ Property Co	de				⁸ Prop	perty Name			. Me	ll Numbe	
6818					AZTEC	FEDERAL	•	· 1		1 M .	÷
7 OGRID No					⁸ Ope	rator Name			• 1	Elevation	
14538			E	BURLINGTO	N RESOUR	RCES OIL & GAS II	NC.		6	212	_
					¹⁰ Surf	ace Location					
UL or lot no.	Section	Township	Range	Let Idn	Feet from	the North/South Illr	e Feet from the	East/	West Ine		County
В	24	30-N	11-W	<u> </u>	700	NORTH	2225	EAST	·	SAN	JUAN
	· · · · · · · · · · · · · · · · · · ·	•	¹¹ Bott	om Hole	Locati	on If Different	From Surface	*			

Lot Idn North/South line Feet from the East/West line Feet from the UL or let no. Section Township 15 Order No. Joint or Infill ¹⁴ Consolidation Code

NO ALLOWABLE			TION UNTIL ALL INT BEEN APPROVED BY	ERESTS HAVE BEEN CONSOLIDATED THE DIVISION
LOT 4	FD 3 1/4" FD 3 1/4" BLM 1989 BRASS CAP LOT 3 LOT 3 LAT: 36'48.2'N. LONG:107'56.4'W.	25 374' 925'	06'18" W FD 3 1/4" 99'(M) BLM 1967 BRASS CAP 2225' LOT 1 ≥ (3)	is true and complete to the best of my inoviedge and belief. Signature
SF-07	LOT 6	LOT 7 SF-0	778171 LOT 8	Peggy Cole
LOT 12	LOT 11	SF-	FD 3 1/4" BLM 1987 BRASS CAP 078171 LOT 9	18 SURVEYOR CERTIFICATION I hereby certify that the west location shown on this plat was plotted from field setum of catual surveys made by me or under my supervision and tyst, the same is true and correct to the left of my lating.
LOT 13	LOT 14	SF	-078198 LOT 16	Dute of Juney 8094 Signofficery Search Professions Surveyor: 8894 Certificate Number



Burlington Resources Oil & Gas Company Operator & working interest owner Farmington, NM 87499

Proposed Well

Offset Operator



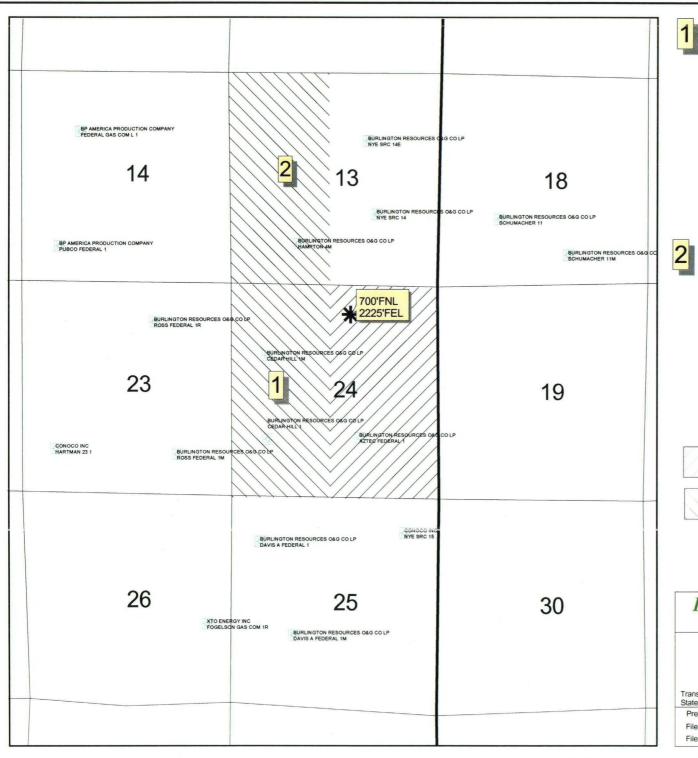


BURLINGTON RESOURCES

Section 24, T-30-N, R-11-W Offset Operator/Owner Plat Nonstandard Location

1:28763

Date: 04/29/2003



Burlington Resources Oil & Gas Company Operator & working interest owner PO Box 4289 Farmington, NM 87499

ConocoPhillips Company Working interest owner PO Box 2197 Houston, TX 77252-2197

Merchant Resources #1 LP Working interest owner PO Box 27 Houston, TX 77001-0027

Burlington Resources Oil & Gas Company Operator & working interest owner PO Box 4289 Farmington, NM 87499

ConocoPhillips Company Working interest owner PO Box 2197 Houston, TX 77252-2197

BP America Production Company Attn: Bryan Anderson West Lake 1 Room 19-114 501 West Lake Park Blvd. Houston, TX 77079



Proposed Well



Offset Operator









BURLINGTON RESOURCES

San Juan Division

Aztec Federal #1M Section 24, T-30-N, R-11-W San Juan County, New Mexico Offset Operator/Owner Plat Nonstandard Location **Dakota Formation**

Transverse Mercator

State Plane - 1927; New Mexico, West

1:28763

Prepared By: Tammy Wimsatt

Date: 05/13/2003

File Name: s:\public\tlw\aztec federal #1m-dk.apr

Re:

Aztec Federal #1M

700'FNL, 2225'FEL, Section 24, T-30-N, R-11-W, San Juan County

30-045-31109

I hereby certify that the following offset operators/owners have been mailed notification of our application for non-standard location.

ConocoPhillips PO Box 2197 Houston, TX 77252-2197

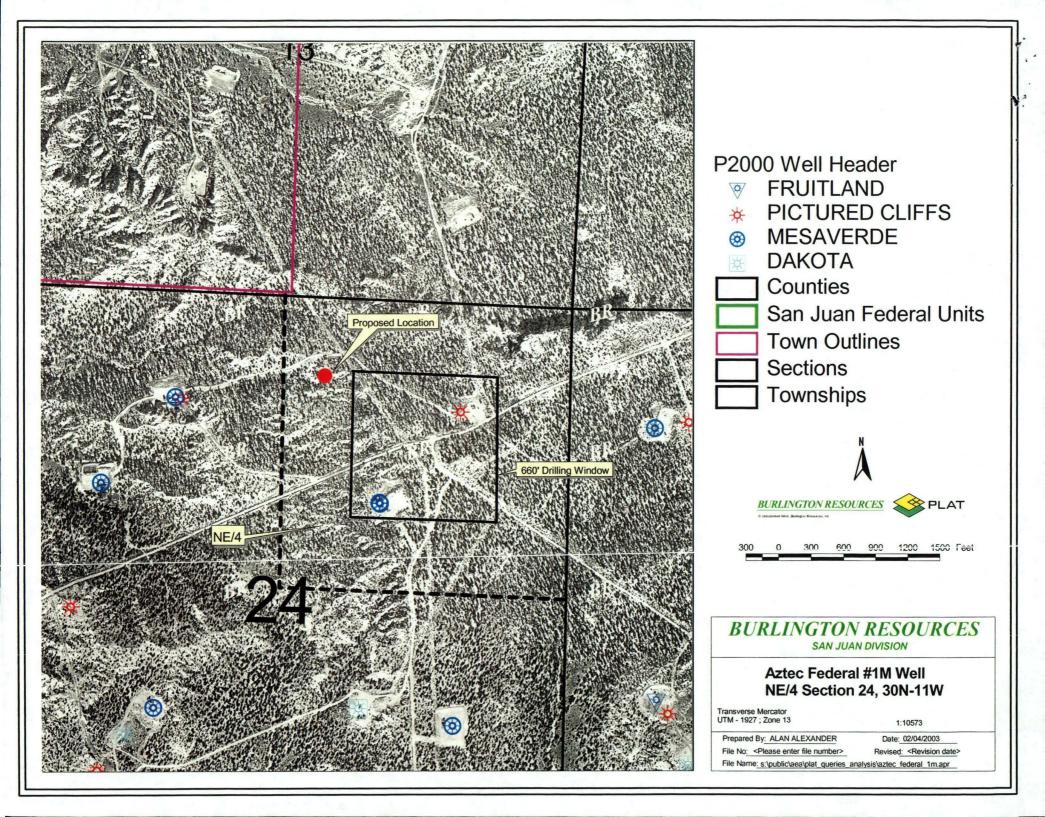
Merchant Resources #1 LP PO Box 27 Houston, TX 77001-0027

BP America Production Company Att: Bryan Anderson West Lake 1 Room 19-114 501 West Lake Park Blvd. Houston, TX 77079

Peggy Cole

Regulatory Supervisor Burlington Resources





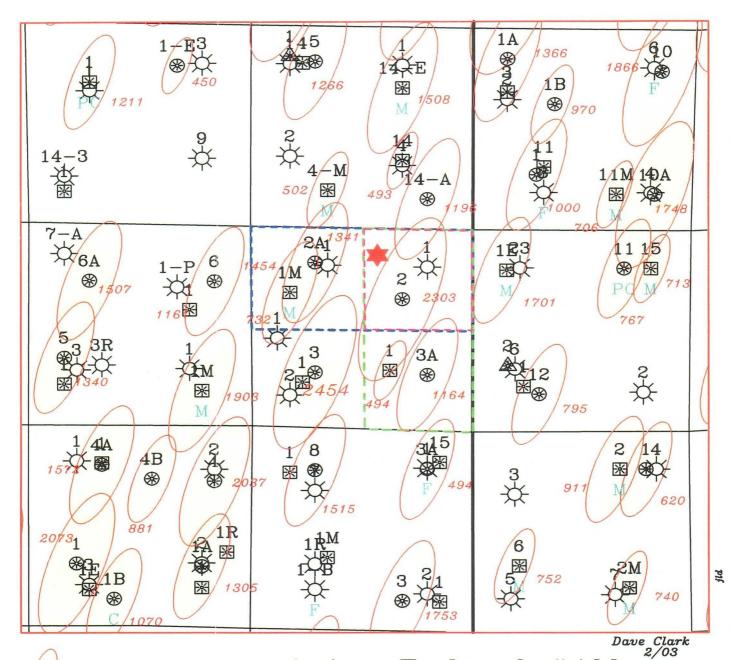
Proposed Aztec Federal Well Number 1M 700' FNL & 2225' FEL Section 24, T30N, R11W San Juan County, New Mexico Otero Chacra/Blanco Mesaverde/Basin Dakota Pool Estimated TD 7309'

The Mesaverde spacing unit for the Aztec Federal 1M is the N/2 of Section 24-T30N-R11W. The proposed test is staked at a standard Mesaverde gas well location within the spacing unit, and will be the fourth Mesaverde well completed in the 320-acre spacing unit. The location of the proposed test was selected to optimize recovery from the Mesaverde Group. The primary control on productivity in the Mesaverde is the density of natural fractures. Fracture orientation ranges from due north to north 30 degrees east. Gas drainage areas are elliptical in shape with the long axis parallel to the direction of fracture orientation. A drainage ellipse map of the project vicinity indicates that undeveloped gas reserves remain to be exploited by the Aztec Federal 1M in the NW/4NE/4 of Section 24-T30N-R11W. The drainage ellipse map is based upon data derived from a larger study of the entire Blanco Mesaverde Pool (estimated ultimate recovery calculated for all wells in the Blanco Mesaverde Pool, original gas in place values calculated for entire Blanco Mesaverde Pool, etc.).

The Dakota spacing unit for the Aztec Federal 1M is the E/2 of Section 24-T30N-R11W. The proposed test will be the second Dakota well completed in the 320-acre spacing unit. Exact placement of the well within the NE/4 of the section is not viewed as critical to success of the new drill project in the Dakota. The proposed test is staked at a non-standard Dakota gas well location within the spacing unit. Every effort was made to locate the Aztec Federal 1M at a standard Dakota gas well location in the NE/4 of Section 24 that would also not create significant Mesaverde drainage area overlap with the Lloyd 2, located in the SW/4NE/4 (1840 FNL, 1710 FEL) of Section 24-T30N-R11W. Unfortunately, it was not possible to find such a surface location due to topographic restrictions and orientation of an existing pipeline through the spacing unit. A test located at the proposed footages is expected to be geologically comparable in the Dakota with a test located at any standard Dakota location in the NE/4 of Section 24.

The Chacra spacing unit for the Aztec Federal 1M is the NE/4 of Section 24-T30N-R11W. Exact placement of the well within the NE/4 of the section is not viewed as critical to success of the new drill project in the Chacra. The proposed test is staked at a non-standard Chacra gas well location within the spacing unit.

The Kessler 1 is a Pictured Cliffs producer located in the NE/4NE/4 (990 FNL, 990 FEL) of Section 24. Consideration was given to placement of the Aztec Federal 1M on the same pad as the Kessler 1. However, significant drainage overlap would occur between a Mesaverde producer located on the Kessler 1 pad and the Lloyd 2. We would prefer to use the non-standard location as opposed to the Kessler 1 pad due to potential for significant overlap of Mesaverde drainage areas.



Existing Mesaverde
EUR

Aztec Federal #1M

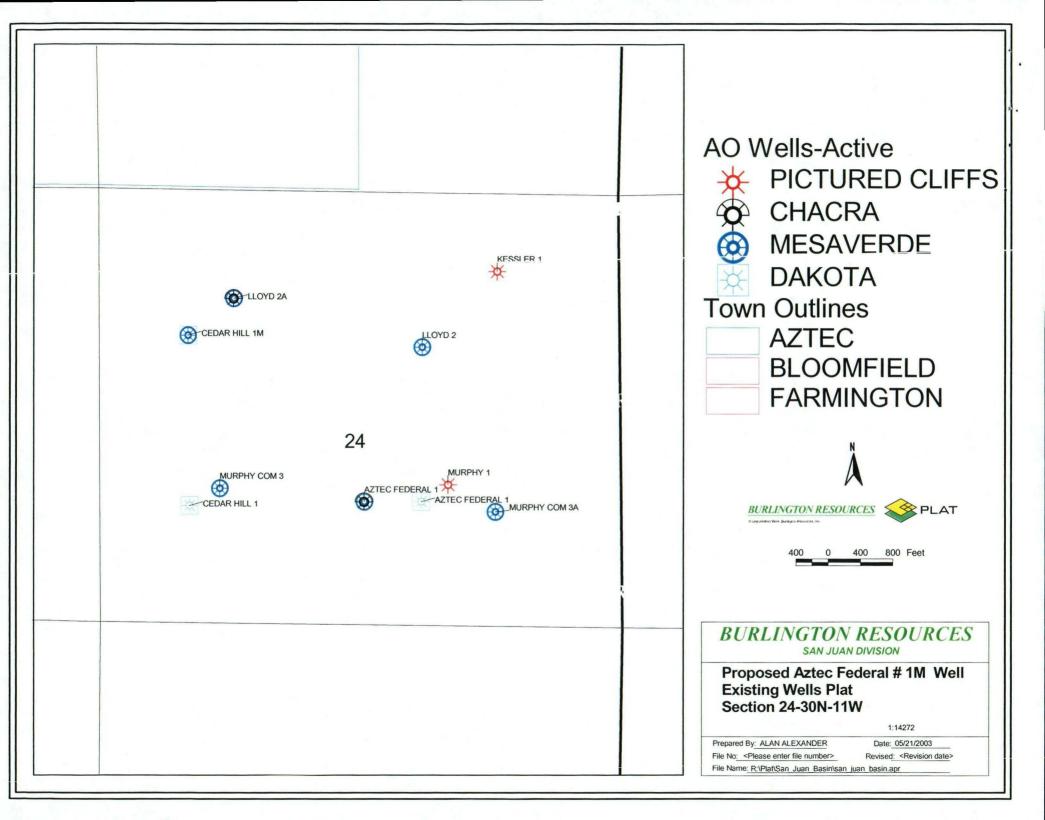
Sec. 24 T30N R11W

🛊 Aztec Federal #1M

Mesaverde Spacing Unit



Dakota Spacing Unit Chacra Spacing Unit



OPERATIONS PLAN

Well Name: Aztec Federal 1M

Location: 700' FNL, 2225' FEL, Sec. 24, T-30-N, R-11-W

San Juan County, NM

Latitude 36° 48.2'N, Longitude 107° 56.4'W

Formation: Otero Chacra/Blanco Mesaverde/Basin Dakota

Elevation: 6212'GL

.

Formation Tops:	Top	Bottom	Contents
Surface	San Jose	1349'	
Ojo Alamo	1349'	1474'	aquifer
Kirtland	1474'	2086'	gas
Fruitland	2086'	2684'	-
Pictured Cliffs	2684'	2839'	gas
Lewis	2839'	3429'	gas
Mesaverde	3429'	3689 ′	gas
Chacra	3689'	4334'	gas
Massive Cliff House	4334'	4499'	gas
Menefee	4499'	5004′	gas
Intermediate TD	4599'		_
Massive Point Lookout	5004'	5379 ′	gas
Mancos Shale	5379 ′	6244'	gas
Gallup	6244'	6974'	gas
Greenhorn	6974'	7024'	gas
Graneros	7024'	7079 '	gas
Dakota	707 9'		gas
TD	7309'		_

Logging Program:

Open hole logs - None Cased hole logs - Gr/CBL Cores - none

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200- 4599'	LSND	8.4-9.0	30-60	no control
4599- 7309'	Air/N2	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program (as listed, the equivalent, or better):

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 4599'	7"	23 & 20.0#	J-55
6 1/4"	4499' - 7309'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 7309' 2 3/8" 4.7# J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 3000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

Intermediate TD to Total Depth -

11" 3000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

Surface to Total Depth -

2" nominal, 3000 psi minimum choke manifold (Reference Figure #3).

Completion Operations -

7 1/16" 3000 psi double gate BOP stack (Reference Figure #2). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

Wellhead

•

9 5/8" x 7" x 2 3/8" x 3000 psi tree assembly.

General -

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- BOP pit level drill will be conducted weekly for each drilling crew.
- All BOP tests and drills will be recorded in daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing:

9 5/8" surface casing - cement with 159 sx Class "B" cement with 1/4# celloflake/sx and 3% calcium chloride (188 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hrs. Test casing to 600 psi for 30 minutes.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing -

Lead w/586 sx 50/50 Class G/TXI lightweight w/1.75% sodium metasilicate, 8# gilsonite/sx and 1/2# celloflake/sx, .2% Defoamer, .15% Retarder. Tail w/95 sx 50/50 Class "G" Poz, 2% gel, 1/4 pps celloflake, 5 pps gilsonite, 0.1% antifoam agent, .1% Dispersant, .1% Retarder (1397 cu.ft. of slurry, 100% excess to circulate to surface.) WOC minimum of 8 hours before drilling out intermediate casing. If cement does not circulate to surface, a CBL will be run during completion operations to determine TOC. Test casing to 1500 psi for 30 minutes.

See attached alternative intermediate lead slurry.

7" intermediate casing alternative two stage: Stage collar at 1986'. First stage: cement with 625 sx 50/50 Class "G" Poz w/2% calcium chloride, 2% gel, 1/4 pps celloflake, 5 pps gilsonite, 0.1% antifoam agent. Second stage: 231 sx 50/50 Class G/TXI lightweight w/2.5% sodium metasilicate, 2% calcium chloride, 10% gilsonite/sx and 1/2% celloflake/sx (1397 cu.ft., 100% excess to circulate to surface).

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. Bowspring centralizers spaced every other joint off bottom, to the base of the Ojo Alamo at 1474'. Two turbolating centralizers at the base of the Ojo Alamo at 1474'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

- 4 1/2" Production Casing Cement to cover minimum of 100' of 4 1/2" x 7" overlap. Lead
 with 275 sx 50/50 Class "G" Poz with 5% gel, 0.25#
 celloflake/sx, 5# gilsonite/sx, 0.1% retardant and 0.25% fluid
- celloflake/sx, 5# gilsonite/sx, 0.1% retardant and 0.25% fluid loss additive, 0.15% dispersant, 0.1% antifoam agent (396 cu.ft.), 40% excess to cement 4 1/2" x 7" overlap). WOC a minimum of 18 hrs prior to completing.
- 4 1/2" production casing alternative: Lead w/81 sx 9.5 PPG Litecrete Blend w/0.11% dispersant, 0.5% fluid loss. Tail w/153 sx Class G 50/50 poz w/5% gel, 0.25 pps celloflake, 5 pps gilsonite, 0.25% fluid loss, 0.15% dispersant, 0.1% retarder, 0.1% antifoam (424 cu.ft., 50% excess to cement 4 ½" x 7" overlap).

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

Cement float shoe on bottom with float collar spaced on top of float shoe.

- Note: To facilitate higher hydraulic stimulation completion work, no liner hanger will be used. In its place, a long string of 4 1/2" casing will be run and cemented with a minimum of 100' of cement overlap between the 4 1/2" x 7" casing strings. After completion of the well, a 4 1/2" retrievable bridge plug will be set below the top of cement in the 4 1/2" x 7" overlap. The 4 1/2" casing will then be backed off above the top of cement in the 4 1/2" x 7" overlap and laid down. The 4 1/2" bridge plug will then be retrieved and the production tubing will be run to produce the well.
- If hole conditions permit, an adequate water spacer will be pumped ahead of each cement job to prevent cement/ mud contamination or cement hydration.

Special Drilling Operations (Gas/Mist Drilling):

The following equipment will be operational while gas/mist drilling:

- An anchored blooie line will be utilized to discharge all cuttings and circulating medium to the blow pit a minimum of 100' from the wellhead.
- The blooie line will be equipped with an automatic igniter or pilot light.
- Compressors will be located a minimum of 100' from the wellhead in the opposite direction from the blooie line.
- Engines will have spark arresters or water cooled exhaust.
- Deduster equipment will be utilized.
- The rotating head will be properly lubricated and maintained.
- A float valve will be utilized above the bit.
- Mud circulating equipment, water, and mud materials will be sufficient to maintain control of the well.

Form 3160-5 (August 1999)

UNITED STATES	
DEPARTMENT OF THE INTERIOR	
BUREAU OF LAND MANAGEMENT	

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

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- 5	Lease S	amial Nia	
J.	LC4SC 3	ci iai ino.	
	PINACE	N7917/	1 1
	IAMIOL	078174	~

	NOTICES AND REPORTS FOR THE POPULATION OF THE PO				NMSF078174A	
abandoned wel	II. Use form 3160-3 (APL	D) for such p	roposals.		6. If Indian, Allottee of	Tribe Name
SUBMIT IN TRII	PLICATE - Other Instruc	tions on reve	erse side.		7. If Unit or CA/Agre	ement, Name and/or No
1. Type of Well				· · · · · · · · · · · · · · · · · · ·	8. Well Name and No. AZTEC FEDERA	1M
Oil Well Gas Well Oth		BEARTANT				- 1141
2. Name of Operator BURLINGTON RESOURCES	O&G CO LP	PEGGY COLI E-Mail: pcole@			9. API Well No. 30-045-31109-0)0-X1
3a. Address 3401 EAST 30TH FARMINGTON, NM 87499		3b. Phone No. Ph: 505.326 Fx: 505.326		e)	10. Field and Pool, or MultipleSee A	
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description) 			11. County or Parish,	and State
Sec 24 T30N R11W NWNE 7	00FNL 2225FEL				SAN JUAN CO	UNTY, NM
12. CHECK APPE	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF	NOTICE, R	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION		
Notice of Intent	Acidize	□ Deep	en	☐ Produc	tion (Start/Resume)	☐ Water Shut-Of
Notice of Intent	Alter Casing	Frac	ture Treat	Reclam	nation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New	Construction	Recom	plete	Other
Final Abandonment Notice	☐ Change Plans	Plug	and Abandon	Tempo	rarily Abandon	Change to Origina PD
-	Convert to Injection	Plug	Back	☐ Water 1	Disposal	
testing has been completed. Final Al determined that the site is ready for full is intended to alter the approfoliowing: Hole size: 8-3/4" Depth interval: 0-4649' Csg size: 7" Weight: 23# Grade: N-80 7" intermediate casing - ceme loss, 0.3% dispersant, 0.25# fluid loss, 0.25# celloflake (10 7" intermediate casing alternative casing	inal inspection.) oved intermediate casing ent w/426 sxs Premium Lit celloflake. Tail w/95 sxs T 148 cu.ft. of slurry, 50% exative two stage - Stage con	and cement p te w/3% calcit ype III cmt w/ ccess to circul	orogram accord um chloride, 5# 1% calcium chl late to surface)	ling to the LCM-1, 0.6 loride, 0.2%	The second secon	12879777 2345 0151.00 027
14. I hereby certify that the foregoing is	s true and correct. Electronic Submission # For BURLINGTON RE mmitted to AFMSS for proc	ESOURCES OI	LG CO LP. sent	to the Farmi	naton	
Name (Printed/Typed) PEGGY (COLE		Title REGU	LATORY AD	MINISTRATOR	
Signature (Electronic	Submission)		Date 01/16/	2003		
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	ISE	
Approved By			Title			Date
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conditions.	uitable title to those rights in th		Office	******		

Additional data for EC transaction #17681 that would not fit on the form

10. Field and Pool, continued

OTERO CHACRA

32. Additional remarks, continued

Premium Lite HS w/5# LCM-1, 0.6% fluid loss, 0.3% dispersant, 0.25 pps celloflake. Second stage: 200 sxs Premium Lite HS w/5# LCM-1, 0.6% fluid loss, 0.3% dispersant, 0.25 pps celloflake (1048 cu.ft. of slurry, 50% excess to circulate to surface).

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Serial No. NMSF0781744

DO NOL USE UN		ulii vi to le-elitel ali		
abandoned wel	is form for proposals to II. Use form 3160-3 (APL)) for such proposals.	6. If Indian, Allottee	or Tribe Name
SUBMIT IN TRII	PLICATE - Other instruc	tions on reverse side.	7. If Unit or CA/Agr	reement, Name and/or No
1. Type of Well Oil Well Gas Well Oth	ner		8. Well Name and N AZTEC FEDER	
2. Name of Operator BURLINGTON RESOURCES	Contact:	PEGGY COLE E-Mail: pcole@br-Inc.com	9. API Well No. 30-045-31109	-00-X1
3a. Address 3401 EAST 30TH		3b. Phone No. (include area cod Ph: 505.326.9727	e) 10. Field and Pool, o	
FARMINGTON, NM 87499		Fx: 505.326.9781		
4. Location of Well (Footage, Sec., T	•		11. County or Parish	
Sec 24 T30N R11W NWNE 70	OUTNL 2225FEL		SAN JUAN CO	JUNIY, NM
12. CHECK APPF	ROPRIATE BOX(ES) TO	INDICATE NATURE OF	NOTICE, REPORT, OR OTH	ER DATA
TYPE OF SUBMISSION		ТҮРЕ (OF ACTION	
Notice of Intent	Acidize	Deepen	Production (Start/Resume)	☐ Water Shut-Of
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	Casing Repair	☐ New Construction	Recomplete	Other Change to Origin
Final Abandonment Notice	☐ Change Plans	Plug and Abandon	☐ Temporarily Abandon	PD
	Convert to Injection	Plug Back	☐ Water Disposal	
If the proposal is to deepen directions Attach the Bond under which the wo following completion of the involved testing has been completed. Final Al determined that the site is ready for f	ally or recomplete horizontally, in will be performed or provide to operations. If the operation rest bandonment Notices shall be file final inspection.)	the Bond No. on file with BLM/B ults in a multiple completion or re ed only after all requirements, incl	sured and true vertical depths of all per IA. Required subsequent reports shall ecompletion in a new interval, a Form 3 uding reclamation, have been complete	tinent markers and zones be filed within 30 days 160-4 shall be filed once
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Additional data for EC transaction #17587 that would not fit on the form

10. Field and Pool, continued

OTERO CHACRA

32. Additional remarks, continued

casing.

Intermediate Casing

Hole size: 8-3/4" Depth interval: 0-4649' Csq size: 7"

Csg size: 7" Weight: 23# Grade: N-80

7" intermediate casing - cement w/426 sxs Premium Lite w/3% calcium chloride, 5# LCM-1, 0.6% fluid loss, 0.3% dispersant, 0.25# celloflake. Tail w/95 sxs Type III cmt w/1% calcium chloride, 0.2% fluid loss, 0.25# celloflake (1048 cu.ft. of slurry, 50% excess to circulate to surface).
7" intermediate casing alternative two stage - Stage collar @ 1986'. First stage: cement w/306 sxs Premium Lite HS w/5# LCM-1, 0.6% fluid loss, 0.3% dispersant, 0.25 pps celloflake. Second stage: 200 sxs Premium Lite HS w/5# LCM-1, 0.6% fluid loss, 0.3% dispersant, 0.25 pps celloflake (1048 cu.ft. of slurry, 50% excess to circulate to surface).



March 13, 2003

P.O. Box 2197

Houston, TX 77252-2197

Mr. Michael Stogner New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87504

Re:

ADMINISTRATIVE APPROVAL OF UNORTHODOX LOCATION FOR THE FOLLOWING: 700'FNL & 2225'FEL Aztec Federal 1M Section 24, T30N-R11W

San Juan County, New Mexico

Dear Mr. Stogner:

ConocoPhillips Company has executed the enclosed Waiver letter to the captioned application of BURLINGTON RESOURCES.

> Senior Landman San Juan/Rockies (832) 486-2360

Enclosures cc: Ms. Peggy Cole @ Burlington

BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express February 18, 2003

Mr. Michael Stogner
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87504

Re:

Aztec Federal #1M

700'FNL, 2225'FEL, Section 24, T-30-N, R-11-W, San Juan County

30-045-31109

Dear Mr. Stogner:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Otero Chacra and Basin Dakota pools. The subject well is planned as a Chacra, Mesaverde, Dakota commingled completion and an application will be submitted for downhole commingling in these three pools.

The subject well was staked at this location due to terrain, existing utilities, and geology. Rugged terrain shown on the attached topographic map, and the existing utilities as shown on the aerial photograph encompass a majority of the area within the legal window for the Chacra and Dakota. This well is staked at an orthodox location for the Mesaverde.

The Kessler #1 (30-045-09388) is located at 990'FNL, 990'FEL; we do not wish to utilize its wellpad due to the interpreted Mesaverde drainage pattern as attached. The Lloyd #2 (30-045-26641) is located at 1840'FNL, 1710'FEL but its wellpad cannot be utilized as it is an existing Mesaverde well.

Production from the Chacra is to be included in a 157.6 acre gas spacing and proration unit comprising of the northeast quarter of Section 24 and is to be dedicated to the Aztec Federal #1 (API# 30-045-09319), located at 1560'FSL, 1850'FEL of Section 24.

Production from the Dakota is to be included in a 320 acre gas spacing and proration unit comprising of the east half of Section 24 and is to be dedicated to the Aztec Federal #1 (API# 30-045-09319), located at 1560'FSL, 1850'FEL of Section 24.

The following attachments are for your review:

- Approved application for Permit to Drill
- Completed C-102 at referenced location
- Offset operators/owners plats for the Chacra and Dakota
- Topographic Map
- Aerial photograph
- Mesaverde drainage patterns

Mr. Michael Stogner Page Two February 18, 2003

Three copies of this application are being submitted to offset operators/owners by certified mail with a request that they furnish you with a Waiver of Objection, keep one copy for their files and return one copy to this office. Please let me know if you have any questions about this application.

Sincerely,

BURLINGTON RESOURCES

Peggy Cole

Regulatory Supervisor

WAIVER hillips Company hereby waives objection to Burlington Resources' application for a non-standard location for the Aztec Federal #1M as proposed above.

By: SR. LANDMAN SAN JUAN AREA

Jate: 3//9/

Xc:

Bureau of Land Management NMOCD – Aztec District Office

BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express February 18, 2003

Mr. Michael Stogner New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87504

Re:

Aztec Federal #1M

700'FNL, 2225'FEL, Section 24, T-30-N, R-11-W, San Juan County

30-045-31109

Dear Mr. Stogner:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Otero Chacra and Basin Dakota pools. The subject well is planned as a Chacra, Mesaverde, Dakota commingled completion and an application will be submitted for downhole commingling in these three pools.

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Production from the Chacra is to be included in a 157.6 acre gas spacing and proration unit comprising of the northeast quarter of Section 24 and is to be dedicated to the Aztec Federal #1 (API# 30-045-09319), located at 1560'FSL, 1850'FEL of Section 24.

Production from the Dakota is to be included in a 320 acre gas spacing and proration unit comprising of the east half of Section 24 and is to be dedicated to the Aztec Federal #1 (API# 30-045-09319), located at 1560'FSL, 1850'FEL of Section 24.

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- Aerial photograph
- Mesaverde drainage patterns

Mr. Michael Stogner Page Two February 18, 2003

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Sincerely,

BURLINGTON RESOURCES

Peggy Cole

Regulatory Supervisor

WAIVER

Merchant Resources #1 L.P. hereby waives objection to Burlington Resources' application for a non-standard location for the Aztec Federal #1M as proposed above.

Xc:

Buleau of Land Management NMOCD – Aztec District Office



May 28, 2003

Mr. Michael Stogner New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87504

JUN 2 2003

Re: ADMINISTRATIVE APPROVAL OF

UNORTHODOX LOCATION FOR THE FOLLOWING:

700'FNL & 2225'FEL Aztec Federal 1M

Section 24, T30N-R11W

San Juan County, New Mexico

Dear Mr. Stogner:

ConocoPhillips Company has executed the enclosed Waiver letter to the captioned application of BURLINGTON RESOURCES. This replaces the Waiver COPC submitted to you by its cover letter dated March 13, 2003.

Jim Ball
Senior Landman
San Juan/Rockies

(832) 486-2360

Enclosures

cc: Ms. Peggy Cole @ Burlington

BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express May 21, 2003

RECEIVED MAY 2 7 2003

ConocoPhillips Company San Juan/Rockies

Mr. Michael Stogner New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87504

Re:

Aztec Federal #1M

700'FNL, 2225'FEL, Section 24, T-30-N, R-11-W, San Juan County

30-045-31109

Dear Mr. Stogner:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Otero Chacra and Basin Dakota pools. The subject well is planned as a Chacra, Mesaverde, Dakota commingled completion and an application will be submitted for downhole commingling in these three pools.

The subject well was staked at this location due to terrain, existing utilities, and geology. Rugged terrain shown on the attached topographic map, and the existing utilities as shown on the aerial photograph encompass a majority of the area within the legal window for the Chacra and Dakota. This well is staked at an orthodox location for the Mesaverde.

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Production from the Chacra is to be included in a 157.6 acre gas spacing and proration unit comprising of the northeast quarter of Section 24 and is to be dedicated to the Aztec Federal #1 (API# 30-045-09319), located at 1560'FSL, 1850'FEL of Section 24.

Production from the Dakota is to be included in a 320 acre gas spacing and proration unit comprising of the east half of Section 24 and is to be dedicated to the Aztec Federal #1 (API# 30-045-09319), located at 1560'FSL, 1850'FEL of Section 24.

Production from the Mesaverde is to be included in a 314.36 acre gas spacing and proration unit comprising of the north half of Section 24 and is to be dedicated to the Lloyd #2 (30-045-26641) located at 1840'FNL, 1710'FEL of Section 24, the Lloyd #2A (30-045-29531) located at 915'FNL, 1485'FWL of Section 24, and the Cedar Hill #1M (30-045-30078) located at 1715'FNL, 819'FWL of Section 24 (see attached plat). The Aztec Federal #1M is standard for the Mesaverde.

Mr. Michael Stogner Page Two February 18, 2003

The following attachments are for your review:

- Approved application for Permit to Drill
- Completed C-102 at referenced location
- Offset operators/owners plats for the Chacra and Dakota
- Topographic Map
- Aerial photograph
- Mesaverde drainage patterns
- Well Plat

Three copies of this application are being submitted to offset operators/owners by certified mail with a request that they furnish you with a Waiver of Objection, keep one copy for their files and return one copy to this office. Please let me know if you have any questions about this application.

WAIVER

Sincerely,

BURLINGTON RESOURCES

Peggý Cole

Regulatory Supervisor

	hereby	waives objection to Bu	rlington Resources' appli	cation for
a non	-standard location for the Aztec Fe	deral #1M as proposed a	above.	
Ву: _		Date:		
Xc:	Bureau of Land Management NMOCD – Aztec District Office			