# DIST. 3

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

1a.	Type of Work 2008 N8U 20 PM 5 2U	5. Lease Number
	<b>DRILL</b> RECEIVED	NM-0546
	OTO FARMMOTOM WI	Unit Reporting Number
b.	Type of Well GAS	6. If Indian, All. or Tribe
	Operator	7. Unit Agreement Name
	ConocoPhillips	
 }.	Address & Phone No. of Operator	8. Farm or Lease Name
	PO Box 4289, Farmington, NM 87499	Maddox WN Federal
,	(505) 326-9700	9. Well Number #10
l.	Location of Well	10. Field, Pool, Wildcat
•	Unit D (NWNW) /144" FNL & //15 FWL,	Basin Fruitland Coal
	Latitude 36°48' 10.15133" N	11. Sec., Twn, Rge, Mer. (NMPM) Sec. 24 T30N, R13W, NMPM
	Longitude 108 <sup>0</sup> 09' 46.00544"W	API# 30-045- 34073
14.	Distance in Miles from Nearest Town 2 miles to Farmington	12. County 13. State San Juan NM
	·	
5.	Distance from Proposed Location to Nearest Property or Lease 748'	Line
6.	Acres in Lease	17. Acres Assigned to Well FC - 320 acres
8.	Distance from Proposed Location to Nearest Well, Drig, Compl,	or Applied for on this Lease
19.	Proposed Depth 2114'	20. Rotary or Cable Tools Rotary
21.	Elevations (DF, FT, GR, Etc.) 586 GL	22. Approx. Date Work will Start
23.	Proposed Casing and Cementing Program See Operations Plan attached	
24.	Authorized by: Macey M. Manue	11/20/06
	Regulatory Technician	Date
PERM	IIT NO. APPROVAL I	DATE
APPR	OVED BY AMMOREOR NITLE ATM	DATE 12/21/
Archa	eological Report submitted seperately	
	omental Assessment is attached.	
	This format is issued in lieu of U.S. BLM Form 3160-3	

This is not an HPA well

0151.3

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District H

1301 W. Grand Avenue, Artesta, NAS 88210 District III

1000 Rio Romos Rd., Anten, NM 87410 District CV

1220 S. St. Fennele Dr., Sunta Po, NA4 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

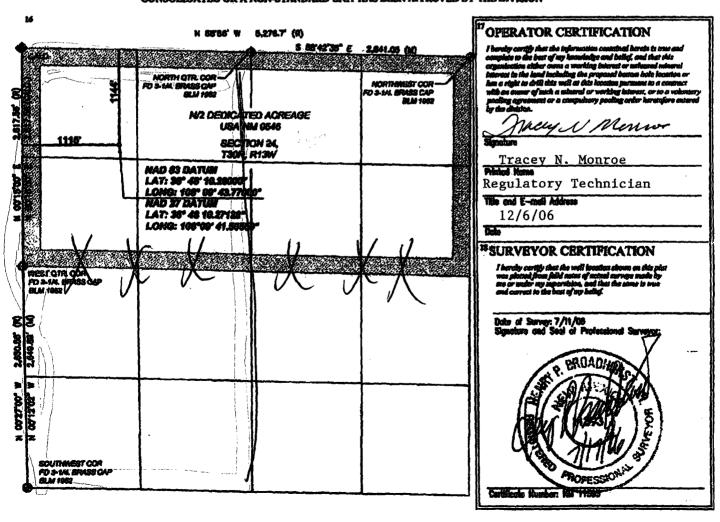
Fee Lease - 3 Copies
State Lease - 7 Copies
Submit to Appropriate District Office
Revised June 10, 2003
Form C-102

AMMENDED REPORT

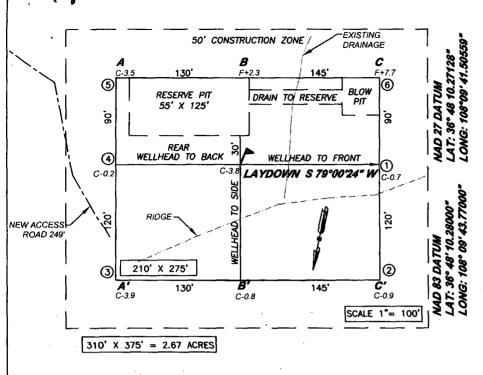
### WELL LOCATION AND ACREAGE DEDICATION PLAT

30-0	<b>PI Number</b> 45-	3407.	3 7 1629 FRUITLAND COAL									
3148					Propert MADDOX W		<sup>8</sup> Well Number 10					
217817	OGRED No. 217817 CONOCOPHILLIPS COMPANY								<sup>9</sup> Elevation 5,855.8°			
	10 SURFACE LOCATION											
Uit. or let so.	Section	Township	Renge	Lot 14	Foot from the	North/South line	Post from the	Ecot/West line	County			
D	24	30-N	13-W		1144	NORTH	1115	WEST	SAN JUAN			
			11 E	Pottom H	ole Location	f Different Pro	m Surface					
UL er lot no.	Section	Tomaship	kaye	Lot like	Foot float the	North/Book fise	Post from the	Bast/West line	County			
Delicated Acres 320 N	2 Solve	or in the	Consolidation	ı Code 13	Order No.	<u> </u>	.1		<u> </u>			

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



Submit 3 Copies To Appropriate District Office	State of New Me	exico		Form C-103
District I	Energy, Minerals and Natur			May 27, 2004
1625 N. French Dr., Hobbs, NM 88240 District II		į	WELL API NO.	30-045- 34073
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION	DIVISION	5. Indicate Type of Lease	30 043
District III	1220 South St. France	F-	STATE	FEE
1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u>	Santa Fe, NM 87	505	<ol> <li>State Oil &amp; Gas Lease No. NM-054</li> </ol>	6
1220 S. St. Francis Dr., Santa Fe, NM 87505			14)41-03-4	0
SUNDRY NOTICES (DO NOT USE THIS FORM FOR PROPOSALS T	S AND REPORTS ON WELLS		7. Lease Name or Unit Agreement Nam	ne
DIFFERENT RESERVOIR. USE "APPLICATION			Maddox WN I	Federal
PROPOSALS.)		_		
1. Type of Well: Oil Well Gas Well X	Other	18	8. Well Number	
2. Name of Operator	Other		9. OGRID Number	
BURLINGTON RESOU	RCES OIL & GAS COMPANY LP		217817	
3. Address of Operator	ET, FARMINGTON, NM 87402	\ <sup>1</sup>	<ol> <li>Pool name or Wildcat Fruitland C</li> </ol>	oal.
4. Well Location	ET, TARMINOTON, NWI 87402		Fruntand	Coal
	63 feet from the North	line and	748 feet from the	West line
Section 24	Township 30N R levation (Show whether DR, RKB, I	Range 13W RT. GR. etc.)	NMPM	County San Juan
	58	68' GL		
	or Closure			4
Pit type New Drill Depth to Groundwa	<del></del> .		21000' Distance from nearest surface wa	>1000'
Pit Liner Thickness: 12		olume	bbls; Construction Material	
·		cate Nature o	of Notice, Report or Other Dat	
NOTICE OF INT	PLUG AND ABANDON	REMEDIAL	SUBSEQUENT REPOR	ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS		E DRILLING OPNS.	P AND A
PULL OR ALTER CASING	MULTIPLE COMPL [	CASING/CE	MENT JOB	
OTHER: New Dr	ill Pit [X	OTHER:		
			give pertinent dates, including estimate	
or recompletion.	SEE RULE 1103. For Multiple Co	ompletions: Atta	ch wellbore diagram of proposed comp	oletion
0.7.000p.e				
New Drill, Lined:				
	ı			
			pre-set mud pit (if required). Based on	
			ned pits as detailed in ConocoPhillips' lided as pluids and that portion will be lined as p	
ConocoPhillips anticipates closing the				or and tion tunning or torta.
				•
		•		
I hereby certify that the information above	ve is true and complete to the best of	f my knowledge a	and belief. I further certify that any pit or b	elow-
grade tank has been/will be constructed or close				
SIGNATURE	ו וידיין ו		Dogwlatowy Tachwician	DATE 11/18/2007
SIGNATURE	TITU_	<del></del>	Regulatory Technician	DATE 11/15/2006
	. Monroe E-mail address		nroe@conocophillips.com Telephon	e No. 505-326-9752
For State Use Only	-At	DELAILY OUT	& Gas inspector, dist. 🐉	ምም በ o <b>ንበበ</b> ፎ
APPPROVED BY				
Conditions of Approval (if any):	TITLI			DATE DEC 28 2006



NOTE: CCI IS NOT LIABLE FOR UNDERGROUND UTILITIES

CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR

CABLES ON WELL PAD AND OR ACCESS ROAD PRIOR TO

CONSTRUCTION.

# CONOCOPHILLIPS COMPANY

MADDOX WN FEDERAL 10 1144' FNL, 1115' FWL SECTION 24, T30N, R13W, SAN JUAN COUNTY, NEW MEXICO ELEV.: 5,855.8' NADV88

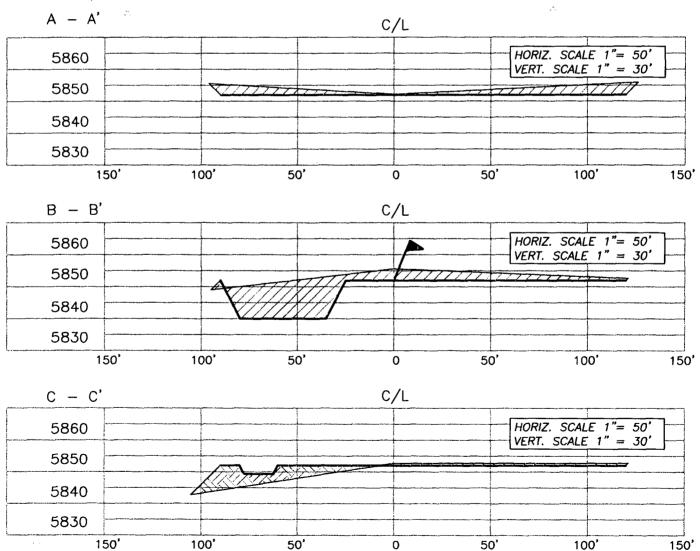
1300 W. BROADWAY

PHONE: (505)632-7777

CHENAULT CONSULTING INC.

CCI

BLOOMFIELD,NM, 87413



REVISIONS

REVISED BY

DATE

DESCRIPTION

NO.



# ECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

DOX WN FEDERAL 10

Lease:				AF	AFE \$:					
Field Name: NEW N	MEXICO-WES	Τ	Rig: Az	ztec Rig 580			State: NM	API #:		
Geoscientist: Brain	, Ted H.		Phone:	832-486-259	2	Prod.	Engineer:	Phone: 486-2334		
Res. Engineer: Han	rington, Tim I	₹.	Phone:	832-486-220	7	Proj. F	ield Lead: Fran	Phone:		
Primary Objective	e (Zones):									
Zone	Zone Name				7					
R20001	FRUITLAND (	COAL(R20001	1)							
The state of the s		Toggeting on großelbertigt.	deserve and the		ent a USA	mojusa - Augusta	gar Subsequent Constant of the		s opposit vog models op bespringer en black in ver	
Location: Surface		Datum Coo	N	11 (1965) s (1965) (1965)					Straight Hole	
Latitude: 36.80280	0 Longitu	de: -108.16		X:		Y:		Section: 24	Range: 13W	
Footage X: 748 FW	/L Footage	Y: 1163 FN	IL	Elevation: 58	68	(FT)	Township: 30N			
Tolerance:		···				,				
Location Type: Yea	r Round		Start D	Pate (Est.):		Con	npletion Date:	Date :	In Operation:	
Formation Data:	Assume KB =	5884 L	Jnits =	FT					,	
Formation Call & Casing Points		Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	внт		Remar	ks	
Surface Casing	61	q 120	5764			- <u>-</u>	12-1/4 hole. 9 to surface.	5/8" 32.3 ppf, H-40,	, STC casing. Circulate cement	
MACC	· · ·	384	5500	П			Possible water	flows.		
KRLD		534	5350	=						
FRLD		1574	4310	=			Possible gas.			
PCCF		1964	3920							
Total Depth		2114	3770					ssibly underreamed t C - left uncemented.	o 9.5". Optional Liner: 4.5",	
Reference Wells:						No alle	10.5#, 5-55 51	C - leit difcemented.		
Reference Type \	Veli Name	200.00000000000000000000000000000000000	2111119040	Comments			<u></u>	<u> </u>		
Logging Program										
Intermediate Logs:	Log only	if show	GR/ILD	O Triple	Combo					
TD Logs:	☐ Triple Co	ombo 🔲 Di	ipmeter	r 🗌 RFT 🗀	] Sonic	☐ VSP	<b>☑</b> TDT			
Additional Informat	tion:									
Log Type C.	HARRADE	N/ Nove	embei	r 21, 20	06 🕊	H				
Comments: BUR	LINGTON	RESOUF	RCES	/ Maddox	WN E	Fede	cal #10 A	APD	<u> </u>	
STI	PULATIO:	N/CONDI	TION	N OF APP	ROVAI					
:		•					_			
OCC	s well urring	is loca and wat	ited :er v	ın a gr wells ar	owing e be	g are ing o	ea where drilled i	home develo	opment is O Alamo	

aquifer. In order to protect the integrity of the Ojo Alamo fresh water aquifer, a minimum surface csg. depth of 619' is stipulated

as a condition of approval for this APD.

Printed on: 12/5/2006 11:26:09 AM

# Maddox WN Federal #10 APD Cement Calculations

Comp. Strength 8 hrs 475 psi 24 hrs 1375 psi	Comp. Strength 3 hrs 100 psi 24 hrs 443 psi	Comp. Strength 24 hrs 1850 psi 48 hrs 3411 psi ent ent
Option 3 65 sx 165 bbls 18.5 cuft 16.1 ft²sx 14.5 ppg 7.41 gal/sx Type I-II Ready Mix + 20% Fly Ash	Option 3  107 sx 50.2 bbls 281.7 cuft 2.63 ff <sup>3</sup> 6x 11.7 ppg 15.92 gal/sx Class G Generie + 3% D079 Extender + 0.20% D046 Antifoam + 1.0 lb/bbl CemNet	Option 3  54 sx  Com 12.3 bbls  24 hrs  12.3 bbls  24 hrs  12.8 ft/sx  13.5 ppg  5.255 gal/sx  50/50 Poz: Class G Cement  + 2% D020 Bentonite  + 5.0 lb/sx D024 Gilsonite Extender  + 2% S001 Calcium Chloride  + 0.1% D046 Antificamer  + 0.1% D046 Antificamer
Comp. Strength 6 frs 250 psi 8 frs 500 psi	Comp. Strength 1:47 hrs 50 psi 12 hrs 350 psi 24 hrs 450 psi 24 hrs 450 psi	Comp. Strength 2:05 50 psi 4:06 500 psi 12 hrs 1250 psi 24hrs 1819 psi ment
Option 2 76 sx 16.4 bbls 16.4 bbls 91.9 cuft 1.21 ft <sup>3</sup> /sx 15.6 ppg 5.29 gal/sx Standard Cement + 3% Calcium Chloride + 0.25 lb/sx Flocele	Option 2 108 sx 50.2 bbls 281.7 cuft 2.60 ft/sx 11.5 ppg 14.62 gal/sx Type III Ashgrove Cement + 30 lb/sx San Juan Poz + 3% Bentonite + 5.0 lb/sx Phenoseal	Option 2 52 sx 12.3 bbls 2.4 13.3 bbls 4.4 1.33 ff/sx 11 1.35 ff/sx 11 1.35 ppg 2.5 5.52 gal/sx 50/50 Poz: Standard Cement + 2% Bentonite + 6.0 lb/sx Phenoseal
Comp. Strength 6 hrs 250 psi 8 hrs 500 psi psi loride	Comp. Strength 9 hrs 300 psi 48 hrs 525 psi	Comp. Strength 3:53 500 psi 8:22 1000 psi 24 hrs 3170 psi 48 hrs 5399 psi ment phane Flakes loride ite Extender
Option 1  79 sx	PRODUCTION LEAD: Option 1 104 sx 50.2 bbls 281.7 cuft 2.72 ft <sup>3</sup> /sx 11.7 ppg 15.74 gal/sx Class G Cement + 3% D079 Extender + 0.20% D046 Antifoam + 10 lb/sx Phenoseal	PRODUCTION TAIL:  Option 1 53 sx Comp. 12.3 bbls 3:53 5 68.9 cuff 8:22 1 1.3.1 ff³/sx 24 hrs 3 13.5 ppg 48 hrs 5 5.317 gal/sx 50/50 Poz: Class G Cement + 0.25 lb/sx D029 Cellophane Flakes + 2% D020 Bentonite + 2% D020 Bentonite + 1.5 lb/sx D024 Gilsonite Extender + 0.1% D046 Antifoamer
9.625 • 9.001 • 82.3 ppf H-40 125 %	6.25 * 4.5 * 4.052 * 10.5 ppf J-65 ppf 4.39 * 423 * 42	
CSG OD: CSG ID: WGT: GRADE: EXCESS:	HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS: TAIL:	

			Comp. St	10:56 500	42 hrs 1012				Class G Cement	eliophane Flakes	£		
		Option 5	134 sx	50.2 bbls	281.7 cuft 42 hrs 10	2.10 ft³/sx	11.7 ppg	11.724 gal/sx	75% Type XI / 25%	+ 0.25 lb/sx D029 C	+ 3% D079 Extender	+ 0.20% 0.445	
			Comp. Strength	1:47 50 psi	12 hrs 350 psi	24 hrs 450 psi							
<u>SURFACE:</u>		INTERMEDIATE LEAD: Option 4	3 sx		281.7 cuft			16.85 gal/sx	Standard Cement	+ 3% Econolite (Extender)	+ 10 lb/sx Phenoseal		
12.25 ° 9.625 ° 9.001 ° 9.001 ° 32.3 ppf H-40 ° 125 %	9/9					6.25 "	4.5	4.052	10.5 ppf	J-55	% 09	423	2114
HOLE: CSG OD: CSG ID: WGT: RGRADE:	DEPTH:					HOLE	CSG OD:	CSG ID:	WGT:	GRADE	EXCESS:	TAIL:	DEPTH:
			<b>在</b>										

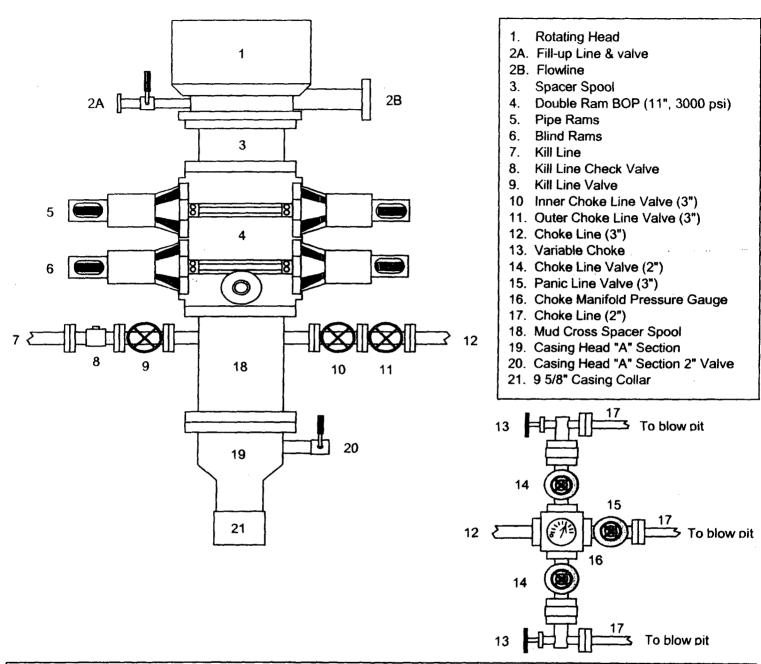
Comp. Strength 10:56 500 psi 42 hrs 1012 psi

INTERMEDIATE TAIL:

M3. 12/5/06

# BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

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



A 12-1/4" hole will be drilled to approximately 220' and the 9-5/8" surface casing will be run and cemented. 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. A test plug will be set in the wellhead and the pipe rams and choke manifold will be tested to 200 psi to 300 psi (low pressure test) for 10 minutes and to 1000 psi (high pressure test) for 10 minutes. Then the test plug will be removed, and the 9-5/8" casing will be pressure tested against closed blind rams to 200 psi to 300 psi for 10 minutes and to 1000 psi for 30 minutes (this value is one 44% of the minimum internal yield pressure of the 9-5/8" casing). (Note: per regulatory requirements we will wait on cement at least 8 hrs after placement before testing the 9-5/8" surface casing). Then an 8-3/4" hole will be drilled to intermediate casing point and 7" intermediate casing will be run and cemented.

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

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

Blowout preventor equipment (BOPE) tests must be performed using an appropriately sized test plug. The BOPE test must be performed and recorded using a test pump, calibrated test gauges and a properly calibrated strip or chart recorder. The test must be recorded in the driller's log and will include a low pressure test requirement of 250 psig held for five minutes and a high pressure test requirement held for ten minutes as described in Onshore Order No. 2 or otherwise authorized in the Application for Permit to Drill (APD). A successful BOPE test using a test plug is considered when no pressure drop occurs over the duration of the test. Test gauges and recorders must be of the proper range and resolution commensurate with the authorized test pressure. Where intermediate casing strings are used, only one BOPE test will be necessary contingent upon the test being conducted to the highest approved test pressure to which the BOPE will be exposed. Casing pressure tests must be held for 30 minutes with no more than a 10 percent pressure drop during the duration of the test.

abmitted in lieu of Form 3160-5

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells	200 <b>6</b> DEC 7 PM 2 59		
•		5.	Lease Number
1. Type of Well GAS	RECEIVED 070 FARMINGTON HH	6.	NM-0546 If Indian, All. or Tribe Name
2. Name of Operator		7.	Unit Agreement Name
BURLINGTON			
RESOURCES OIL & GAS COM	IPANY LP	<b>–</b> 8.	Well Name & Number
3. Address & Phone No. of Operator			Maddox WN Federal 10
PO Box 4289, Farmington, NM 87499 (505)	) 326-9700	9.	API Well No.
4. Location of Well, Footage, Sec., T, R, M			30-045- 34073
Sec., TN, RW, NMPM		10.	Field and Pool
Unit D (NWNW) 1144' FNL & 1115' FWL	, Sec. 24, T30N, R13W NMPM		<b>Basin Fruitland Coal</b>
		11.	County and State San Juan Co., NM
Type of Submission  X Notice of Intent Abandonn Recomplet Subsequent Report Plugging Casing Re Final Abandonment Altering C	tion New Construction Non-Routine Fracturing  pair Water Shut off	er –	
13. Describe Proposed or Completed Operatio	ons -		
This location was moved per the BLM to are 1144' FNL and 1115' FWL. The old to QRT/QRT.			
Please see attached Plat C102.			
14. I hereby certify that the foregoing is true a	and correct.		
Signed Macy N. Monra	Tracey N. Monroe Title Reg	ulatory ]	<u>Fechnician</u> Date <u>12/6/06</u>
(This space for Federal or State Office use)  APPROVED BY  CONDITION OF APPROVAL, if any:  Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and will the United States any false, fictitious or fraudulent statements or representations as			Date 12/21/86

# ted in lieu of Form 3160-5

# **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

AMENDED

RCVD DECZBOS DIST. 3

	Sundry Notices and Reports on Wells					
1.	Type of Well GAS	RECEIVED 070 FARMINGTO		5. 6.	Lease Number NM-0546 If Indian, All. or Tribe Name	
2.	Name of Operator			7.	Unit Agreement Name	
	BURLINGTON RESCURCES OIL & GAS COMPANY I	LP		8.	Well Name & Number	
3.	Address & Phone No. of Operator			0.	Maddox WN Federal 10	
	PO Box 4289, Farmington, NM 87499 (505) 326-970	00		9.	API Well No.	
4.	Location of Well, Footage, Sec., T, R, M		10.	30-045- 34073 Field and Pool		
	Unit D (NWNW), 1163' FNL & 748' FWL, Section	24, T30N R13W, NMPM		11.	Basin Fruitland Coal County and State San Juan Co., NM	
12.	CHECK APPROPRIATE BOX TO INDICATE NA  Type of Submission Type of Action  Notice of Intent Abandonment Recompletion  X Subsequent Report Plugging Casing Repair Final Abandonment Altering Casing	Change of Plans New Construction Non-Routine Fracturing Water Shut off			DATA sed Ops Plan	
14 Sig (T: Al	Describe Proposed or Completed Operations  2/5/06 Revised well plan. Please see attached Operations  I hereby certify that the foregoing is true and correspond Marion Tracey N. I have been provided in the space for Federal of State Officials (1988)  PROVED BY Time of State Officials (1988)  ONDITION OF APPROVAL, if any:	Monroe Title Regu	ions.	ınicia	an Date 12/5/06.  Date 12/21/08	
Title	18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make ar Juited States any false, fictitious or fraudulent statements or representations as to any matter					