UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

la.	Type of Work ZUUY UEC	144 1 36	5. Lease Number SF-078001-B
		DEIVED	Unit Reporting Number
lb.	Type of Well 070 FAR	MINGTON TO	6. If Indian, All. or Tribe
2.	Operator	2503111	7 Unit Agreement Name
	BURLINGTON RESOURCES Oil & Gas Company	1990 mm	Huertano Unit
3.	Address & Phone No. of Operator	AN SAN	9. Farm dr Lease Name
).	PO Box 4289, Farmington, NM 87499		Obs Farm or Lease Name Huerfand Unit
	(505) 326-9700	O Or o	9. Well Number 127F
l.	Location of Well	6/011105	10. Field, Pool, Wildcat
	1410' FNL, 255' FWL	01/1/91	NBASin Dakota 11_Sec., Twn, Rge, Mer. (NMPM)
	Latitude 36° 27.7528'N, Longitude 1	07° 52.3976′	ADI # 20.04E
			36120
14.	Distance in Miles from Nearest Town 18.6 miles intersection Hwy 550 & 6	4	12. County 13. State San Juan NM
	18.6 miles intersection Hwy 550 & 6		San Juan NM
15.	18.6 miles intersection Hwy 550 & 6 Distance from Proposed Location to Nearest Proposed 555'		San Juan NM
15.	18.6 miles intersection Hwy 550 & 6 Distance from Proposed Location to Nearest Pro		San Juan NM
15. 16.	Distance from Proposed Location to Nearest Proposed in Lease Distance from Proposed Location to Nearest Well	perty or Lease Lii	San Juan NM ne 17. Acres Assigned to Well DK 320 W/2
15. 16.	18.6 miles intersection Hwy 550 & 6 Distance from Proposed Location to Nearest Prop 255' Acres in Lease	perty or Lease Lin I, Drlg, Compl, or d R 3165.3	San Juan NM ne 17. Acres Assigned to Well DK 320 W/2
15. 16. 18.	Distance from Proposed Location to Nearest Proposed in Lease Distance from Proposed Location to Nearest Well 1500' Proposed Depth From Proposed Location to Nearest Well 1500' Proposed Depth From Proposed Location is subject to technical and procedural review pursuant to 43 CFR 3165 Elevations (DF, FT, GR, Etc.)	perty or Lease Lin I, Drlg, Compl, or d R 3165.3	San Juan NM 17. Acres Assigned to Well DK 320 W/2 Applied for on this Lease 20. Rotary or Cable Tools
15. 16. 18.	Distance from Proposed Location to Nearest Proposed in Lease Distance from Proposed Location to Nearest Well 1500' Proposed Depth 6926' This action is subject to technical an procedural review pursuant to 43 CFR 3165 and appeal pursuant to 43 CFR 3165	perty or Lease Lin I, Drlg, Compl, or d R 3165.3	17. Acres Assigned to Well DK 320 W/2 Applied for on this Lease 20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE
15. 16. 18. 19.	Distance from Proposed Location to Nearest Proposed in Lease Distance from Proposed Location to Nearest Well 1500' Proposed Depth From Proposed Location to Nearest Well 1500' Proposed Depth From Proposed Location is subject to technical and procedural review pursuant to 43 CFR 3165 Elevations (DF, FT, GR, Etc.)	perty or Lease Lin I, Drlg, Compl, or d R 3165.3	17. Acres Assigned to Well DK 320 W/2 Applied for on this Lease 20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start
15. 16. 18. 19. 21.	Distance from Proposed Location to Nearest Proposed in Lease Distance from Proposed Location to Nearest Well 1500' Proposed Depth This action is subject to technical and procedural review pursuant to 43 CFR 3165 Elevations (DF, FT, GR, Etc.) 6684' GR Proposed Casing and Cementing Program	perty or Lease Lin I, Drlg, Compl, or d R 3165.3	17. Acres Assigned to Well DK 320 W/2 Applied for on this Lease 20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHE
15. 16. 18. 19. 21.	Distance from Proposed Location to Nearest Propagators Distance from Proposed Location to Nearest Well 1500' Proposed Depth This action is subject to technical and procedural review pursuant to 43 CFR 3165 Elevations (DF, FT, GR, Etc.) 6684' GR Proposed Casing and Cementing Program See Operations Plan attached Authorized by:	perty or Lease Lin I, Drlg, Compl, or d R 3165.3	Applied for on this Lease 20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHE "GENERAL REQUIREMENTS".
15. 16. 18. 19. 21. 23.	Distance from Proposed Location to Nearest Proposed in Lease Distance from Proposed Location to Nearest Well 1500' Proposed Depth From Proposed Location is subject to technical and procedural review pursuant to 43 CFR 3165 Elevations (DF, FT, GR, Etc.) 6684' GR Proposed Casing and Cementing Program See Operations Plan attached Authorized by: Regulatory Specialist	perty or Lease Lin	Applied for on this Lease 20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACH "GENERAL REQUIREMENTS".

Threatened and Endangered Species Report attached

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.

NO HPA NOTIFICATION REQUIRED UNDER ORDER R-8768F.

NMOCD

DISTRICT: I 1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

811 South First, Artesia, N.M. 88210

DISTRICT IV

DISTRÌCT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

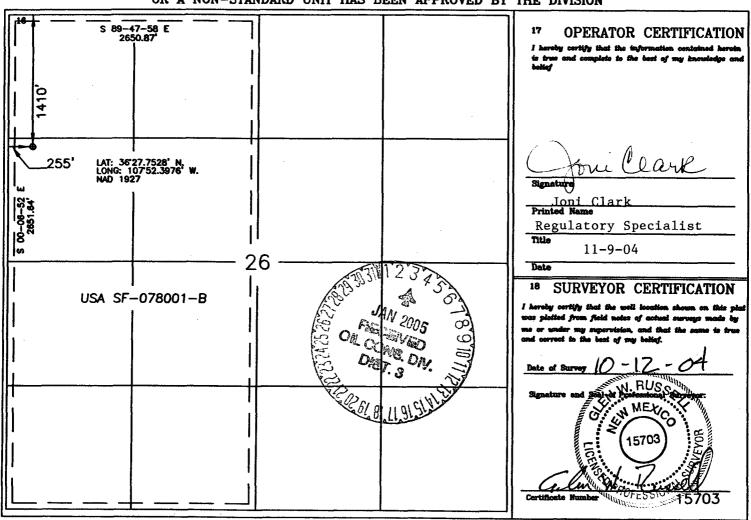
Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

2040 South Pacheco, Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT ¹API Number 32720 Basin Dakota 71599 ⁴Property Code ⁵Property Name Well Number 7139 HUERFANO UNIT 127F OGRID No. ⁸Operator Name • Elevation BURLINGTON RESOURCES OIL AND GAS COMPANY LP 6684' 14538 ¹⁰ Surface Location UL or lot no. Section Township Lot Idn Feet from the North/South line East/West line Range Feet from the County 26 10-W NORTH 26-N 1410' Ε 255' WEST SAN JUAN

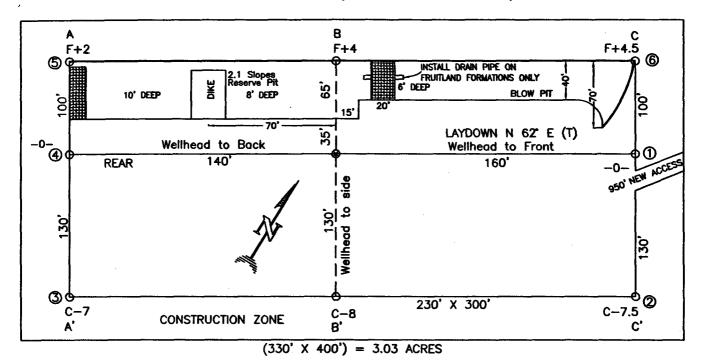
11 Bottom Hole Location If Different From Surface UL or lot no. Section Township Lot idn Feet from the North/South line | Feet from the East/Vest line County Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No. 320 acres W/2

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

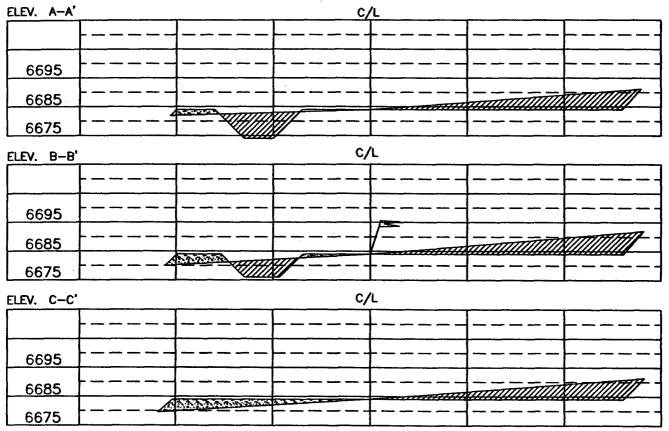


Submit 3 Copies To Appropriate Distri	ict State	of New Mexico					Form (C-103
Office District I	Energy, Min	erals and Natural Reso	ources _					4, 2004
1625 N. French Dr., Hobbs, NM 8824		OPPETATED AT DISTRI		WELL API NO.		-045-		
<u>District II</u> 1301 W. Grand Ave., Artesia, NM 882		SERVATION DIVISION SOUTH St. Francis Dr.	<u> </u>	5. Indicate Type		-043-		
District III		nta Fe, NM 87505	·	STATE		FEE	П	1
1000 Rio Brazos Rd., Aztec, NM 874		ata 1 0, 11111 07505	-	6. State Oil & G	as Lease N	,		
District IV	107505				OF OF	001 D		
1220 S. St. Francis Dr., Santa Fe, NM SUNDRY NO	OTICES AND REPORTS	ON WELLS		7. Lease Name o	SF-078 r Unit Agr		me	
(DO NOT USE THIS FORM FOR PROPOS DIFFERENT RESERVOIR. USE "APPLIC					_			
PROPOSALS.)	STITUTE OF TENANT (FORM)	re-tor) rok boerr	1	8. Well Number	Hueria	no Unit		
1. Type of Well:	TV OIL				10	ar.		
Oil Well Gas Well 2. Name of Operator	X Other			9. OGRID Numb		7F		
BURLINGTON R	ESOURCES OIL & GAS	COMPANY LP			145	538		
3. Address of Operator 3401 E. 30TH	STREET, FARMINGTO	N. NM 87402		10. Pool name or	Wildcat Basin I	Dakota		
4. Well Location	<u> </u>					Janou		
Unit Letter <u>E</u> :	1410 feet from th	ne North line	and	255 feet f	rom the	West	line	
								_
Section 26	Township 11. Elevation (Show whe		10W etc.)	NMPM	<u>Cou</u>	nty Sa	<u>ın Juan, N</u>	<u>M</u>
Pit or Below-grade Tank Application (Fo	or pit or below grade tank closu	nes a form C 144 must be et	tashad)					
Pit Location: UL A Sect 26 To				ater >100 Dis	tance from n	earest fresh v	vator well	>1000'
Distance from nearest surface water				Twp			racer wen_	1000
feet from the		rom the lir				 '		1
			 _					
12 Chec	ck Appropriate Box	to Indicate Nature	of Notic	re Renort or	Other D	iata		
	F INTENTION TO:			SUBSEQUE!			::	
PERFORM REMEDIAL WORK	PLUG AND ABANG	DON 🔲 RI	EMEDIAL '			ALTERIN		G 🗌
TEMPORARILY ABANDON	CHANGE PLANS	□ co	OMMENCI	E DRILLING OPN	vs.	PLUG AN	1D	П
PULL OR ALTER CASING	─ MULTIPLE		ASING TE	CT AND	_	ABANDO	NMENT	
PULL OR ALTER CASING	COMPLETION		EMENT JO					
OTHER:	New Drill	区 o	THER:					
13. Describe proposed or com				e pertinent dates,	including	estimated d	ate	<u> </u>
of starting any proposed wo or recompletion.	vork). SEE RULE 1103.	For Multiple Completion	ns: Attach	wellbore diagran	n of propo	sed complet	tion	
Burlington Resources proposes	to construct a new drilling	gpit and an associated blo	ow/flare pi	it. Based on Burl	ington's ir	nterpretation	n of the	
Ecosphere's risk ranking criteria								
Workover Pit Construction / Op designed to manage fluids, and t								
according to the Drilling / Work						pates closing	g mese pr	ıs
I hereby certify that the information	n above is true and comple	ete to the best of my know	wledge and	d belief Touthon.	and for that a	ny nit on bolo		
grade tank has been/will be constructed or	_		~			- •	_	
SIGNATURE JEVUI	Cost	TITLE Sr. Regi	ulatom: Car	anialist		DATE	11/15/200	14
SIGNATURE	<u> </u>	TITLE St. Regi	ulawiy Spe	Cialist		_ DATE _	11/15/200	
Type or print name Joni Clark		E-mail address: jclar	k@br-inc	<u>.com</u> Te	lephone N	o. 326-9'	700	
(This space for State use)	. 1				a manager of passager	. // A	AI -) ABD
ADDDDOVED DV		ESPUTY C	M R GAS	s imprector, d	IST. 🕰	PA CO	1V - 6	<u> </u>
APPPROVED BY Conditions of approval, if any:	THY	TITLE		, , , , , , , , , , , , , , , , , , ,		_ DATE _		

BURLINGTON RESOURCES OIL & GAS COMPANY LP HUERFANO UNIT 127F, 1410' FNL & 255' FWL SECTION 26, T-26-N, R-10-W, NMPM, SAN JUAN COUNTY, NM GROUND ELEVATION: 6684', DATE: OCTOBER 6, 2004



RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE). BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.



NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUNG UTILITIES OR PIPELINES.

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

ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

OPERATIONS PLAN

Well Name: Huerfano Unit #127F

Location: 1410'FNL, 255' FWL, Section 26, T-26-N, R-10-W

San Juan County, New Mexico

Latitude 36° 27.75′, Longitude 107° 52.40′

Formation: Basin Dakota

Elevation: 6684'GL

Formation Tops:	Top	Bottom	Contents
Surface	San Jose	1196'	
Ojo Alamo	1196′	1323'	aquifer
Kirtland	1323'	2033'	gas
Fruitland	2033 ′	2151'	
Pictured Cliffs	2151'	2316'	gas
Lewis	2316 ′	2526 ′	gas
Huerfanito Bentonite	2526 ′	3036 ′	gas
Chacra	3036 ′	3696'	gas
Cliff House	3696 ′	3731 ′	
Menefee	3731 ′	4536'	gas
Point Lookout	4536'	4838 ′	gas
Mancos	4838'	5593 ′	gas
Gallup	5593 ′	6523 ′	gas
Greenhorn	6523'	6578 '	gas
Graneros	6578 '	6629'	gas
Two Wells	6629 ′	6681 ′	_
Paguate	6681 ′	6750 ′	
Cubero	6750 ′	6797 ′	
Encinal	6797 ′	6886 ′	
Morrison	6886 ′		gas
TD	6926′		-

Logging Program:

Mud Logs/Coring/DST -

Mud logs - From 6423' to TD

Coring - none DST - none

Open hole - none

Cased hole - Gamma Ray - surface to TD

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 300'	Spud MUD/Air/Air Mist	8.4-9.0	40-50	no control
300'- 6926'	LSND	8.4-9.0	30-60	no control

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

<u> Hole Size</u>	Depth Interval	<u>Csg.Size</u> Wt.	Grade
12 1/4"	0' - 300'	8 5/8" 32.3#	J-55
7 7/8"	0' - 6926'	4 1/2" 10.5#	J-55

Tubing Program: 0' - 6926' 2 3/8" 4.7# J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 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" 2000 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, 2000 psi minimum choke manifold (Reference Figure #3).

Completion Operations -

7 1/16" 2000 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 -

8 5/8" x 4 $\frac{1}{2}$ " x 2 3/8" x 2000 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 drill crew.
- All BOP tests & drills will be recorded in daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing:

8 5/8" surface casing conventionally drilled Cement with 290 sacks Type III cement with 0.25 pps Celloflake, 3% calcium chloride.
(200% excess, bring cement to surface). Wait on cement appropriate time until cement achieves 250 psi compressive strength at 60 degrees F. prior to nipple up of BOPE.
Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface.

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

4 1/2" Production Casing Two Stage -

Stage collar set @ 4460'. First Stage: Lead with w/299 sacks Premium Lite cmt w/3% calcium chloride, 0.4% sodium metasilicate, 0.25 pps celloflake, 5 pps LCM-1 and 0.4% FL-52. Tail w/75 sacks Premium Lite HS FM cmt w/0.25 pps celloflake, 0.3% CD-32, 6.25 pps LCM-1 and 1% FL-52. Second Stage: 664 sacks Premium Lite cmt w/3% calcium chloride, 0.4% metasilicate, 0.25 pps celloflake, 5 pps LCM-1 and 0.4% FL-52. (2201 cu ft - 40% excess, circulate to surface, run CBL/temperature survey if cement is not circulated to surface.)

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. Bowspring centralizers spaced every fourth joint off bottom, to the base of the Ojo Alamo @ 1323'. Two turbolating centralizers at the base of the Ojo Alamo 1323'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

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

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 (Air/Mist Drilling):

The following equipment will be operational while air/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.

Special Drilling Operations (Air/Mist Drilling):

- · 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.

Additional Information:

- The Dakota formation will be completed.
- No abnormal temperatures or hazards are anticipated.
- Anticipated pore pressures are as follows:

Fruitland Coal 300 psi Pictured Cliffs 600 psi Mesa Verde 700 psi Dakota 2500 psi

- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered below the top of the Pictured Cliffs.
- The west half of Section 26 is dedicated to the Dakota formation.

• This gas is dedicated.

Drilling Engineer

700

BURLINGTON RESOURCES

Burlington Resources

2000 psi System Onling Rig

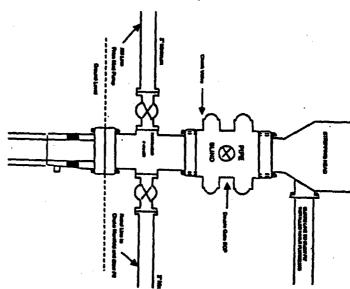
Figure #1

4-20-0L

equipment with two chotes. Point to Total Depth. 2,000pel working pressure Choice menifold inetalization from Surface Casing

Figure #3

Drilling Rig Choke Manifold Configuration 2000 pai System



Operations. 7-1/16' bors, 2000 pei minimum worldby he BOP. All BOP equipment is 2000 pai working pipe rame. A stripping head to be installed on the top of vlinimum BOP installation for all Completion/Workover sure double gate BOP to be equipped with blind and ictuding 600 pel etripping head.

4-20-01

BURLINGTON RESOURCES

Completion/Workover Rig BOP Configuration 2,000 pai System