UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Type of Work DRILL RECEIVED 070 FARMINGTON II Type of Well GAS Operator BURLINGTON RESCURCES Oil & Gas Company Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well 1050' FNL, 860' FWL Latitude 36° 25.1072'N, Longitude 107° 26.5425 Distance in Miles from Nearest Town 50 miles to intersection Hwy 64 & 550 Distance from Proposed Location to Nearest Property or Lease II 860' Acres in Lease Distance from Proposed Location to Nearest Well, Drig, Compl. 650'' Proposed Depth 7345' Elevations (DF, FT, GR, Etc.) 6779' GR	5. Lease Number SF-078885 Unit Reporting Number NMNM * 57 83 63 6 6. If Indian, All. or Tribe 7. Unit Agreement Name Canyon Largo Unit 8. Farm or Lease Name Canyon Largo Unit 9. Well Number #278E 10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) W D Sec. 11, T25N, R06W API # 30-045-639 - 299 60 12. County Rio Arriba NM
BURLINGTON RESCURCES Oil & Gas Company Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well 1050' FNL, 860' FWL Latitude 36° 25.1072'N, Longitude 107° 26.5425 Distance in Miles from Nearest Town 50 miles to intersection Hwy 64 & 550 Distance from Proposed Location to Nearest Property or Lease I 860' Acres in Lease Distance from Proposed Location to Nearest Well, Drig, Compl. 650'' Proposed Depth 7345' Elevations (DF, FT, GR, Etc.)	Canyon Largo Unit 8. Farm or Lease Name Canyon Largo Unit 9. Well Number #278E 10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) W D Sec. 11, T25N, R06W API # 30-045-639-29960 12. County Rio Arriba NM
Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well 1050' FNL, 860' FWL Latitude 36° 25.1072'N, Longitude 107° 26.5425 Distance in Miles from Nearest Town 50 miles to intersection Hwy 64 & 550 Distance from Proposed Location to Nearest Property or Lease I 860' Acres in Lease Distance from Proposed Location to Nearest Well, Drig, Compl. 650'' Proposed Depth 7345' Elevations (DF, FT, GR, Etc.)	8. Farm or Lease Name Canyon Largo Unit 9. Well Number #278E 10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) W D Sec. 11, T25N, R06W API # 30-045-639-29960 12. County Rio Arriba NM
PO Box 4289, Farmington, NM 87499 (505) 326-9700 Location of Well 1050' FNL, 860' FWL Latitude 36° 25.1072'N, Longitude 107° 26.5425 Distance in Miles from Nearest Town 50 miles to intersection Hwy 64 & 550 Distance from Proposed Location to Nearest Property or Lease I 860' Acres in Lease Distance from Proposed Location to Nearest Well, Drlg, Compl, 650'' Proposed Depth 7345' Elevations (DF, FT, GR, Etc.)	Canyon Largo Unit 9. Well Number #278E 10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) W D Sec. 11, T25N, R06W API# 30-045-639-29960 12. County Rio Arriba NM
Location of Well 1050' FNL, 860' FWL Latitude 36° 25.1072'N, Longitude 107° 26.5425 Distance in Miles from Nearest Town 50 miles to intersection Hwy 64 & 550 Distance from Proposed Location to Nearest Property or Lease I 860' Acres in Lease Distance from Proposed Location to Nearest Well, Drig, Compl, 650'' Proposed Depth 7345' Elevations (DF, FT, GR, Etc.)	10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) W D Sec. 11, 725N, R06W API # 30-045-639-29960 12. County Rio Arriba NM
Distance from Proposed Location to Nearest Well, Drig, Compl. Distance from Proposed Location to Nearest Well, Drig, Compl. Distance from Proposed Location to Nearest Well, Drig, Compl. Distance from Proposed Location to Nearest Well, Drig, Compl. Distance from Proposed Location to Nearest Well, Drig, Compl. Distance from Proposed Location to Nearest Well, Drig, Compl. Distance from Proposed Location to Nearest Well, Drig, Compl. Elevations (DF, FT, GR, Etc.)	Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) 'W O Sec. 11, T25N, R06W API # 30-045- 639 - 299 60 12. County Rio Arriba NM
Distance in Miles from Nearest Town 50 miles to intersection Hwy 64 & 550 Distance from Proposed Location to Nearest Property or Lease I 860' Acres in Lease Distance from Proposed Location to Nearest Well, Drig, Compl, 650'' Proposed Depth 7345' Elevations (DF, FT, GR, Etc.)	W D Sec. 11, T25N, R06W API # 30-045- 639 - 299 60 12. County Rio Arriba NM
Distance from Proposed Location to Nearest Property or Lease I 860' Acres in Lease Distance from Proposed Location to Nearest Well, Drig, Compl, 650'' Proposed Depth 7345' Elevations (DF, FT, GR, Etc.)	Rio Arriba NM
Acres in Lease Distance from Proposed Location to Nearest Well, Drlg, Compl, 650'' Proposed Depth 7345' Elevations (DF, FT, GR, Etc.)	
Distance from Proposed Location to Nearest Well, Drlg, Compl, 650'' Proposed Depth 7345' Elevations (DF, FT, GR, Etc.)	17. Acres Assigned to Well
Proposed Depth 7345′ Elevations (DF, FT, GR, Etc.)	320 W/2 DK
Proposed Depth 7345 ' Elevations (DF, FT, GR, Etc.)	r Applied for on this Lease
	20. Rotary or Cable Tools Rotary
And the second s	· 22. Approx. Date Work will Start
Proposed Casing and Cementing Program See Operations Plan attached	
Authorized by: Regulatory Analyst	6-14-06 Date
MIT NO. APPROVAL DE ROVED BY DIFFERENCE TITLE ATTE	DATE
ROVED BY DIFFIGURES TITLE /(150	
naeological Report attached eatened and Endangered Species Report attached	/ DATE 0/30

NO HPA NOTIFICATION NEEDED UNDER ORDER R-8768F.

This action is subject to technical and procedural review pursuant to 43 CFR 3165.8 and appeal pursuant to 43 CFR 3165.4

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.



DISTRICT I 1625 N. French Dr., Hobbs, N.M. 86240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised October 12, 2005

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

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

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

DISTRICT II 1301 West Grand Avenue, Artesia, N.M. 88210

☐ AMENDED REPORT

15703

Certificate Number

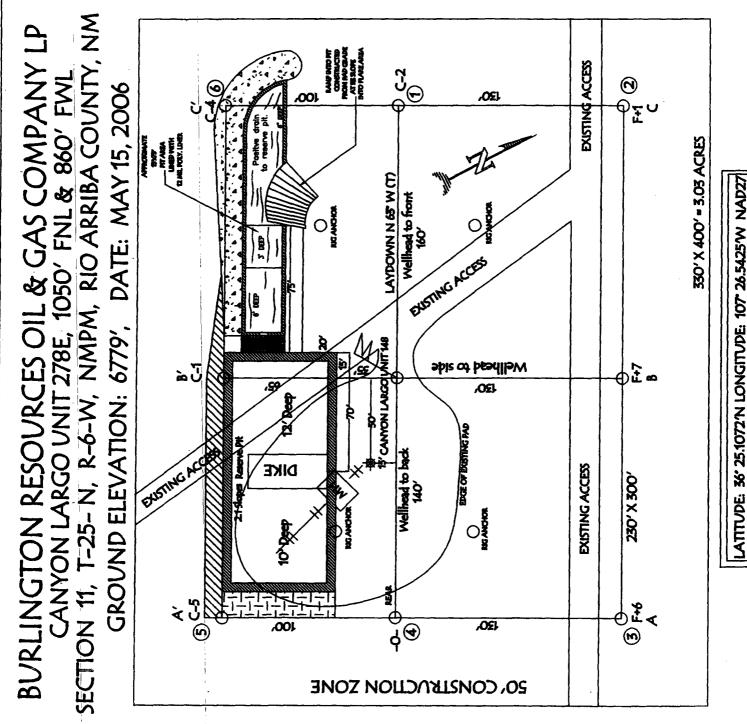
WELL LOCATION AND ACREAGE DEDICATION PLAT

		W	EPT P(CATIO	N AND AC	REAGE DEDI	CATION PL	AT.		
¹ API Nun		29960	J	Pool Code			⁸ Pool Nam	ıe		
30-6 *Property Code	039-	0 1 100	الا	71599	⁵ Property		n Dakota		• 4	ell Number
6886		CANYON LARGO UNIT							278E	
OGRID No.		Operator Name					• Elevation			
14538			BURLI	NGTON RE	SOURCES OIL	AND GAS COMPA	NY LP	LP 6779'		
					10 Surface	Location				
	ection	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes		County
D	11	25-N	6-W		1050'	NORTH	860'	WES	T	RIO ARRIBA
UL or lot no. Se	ection	Township	" Botto	m Hole	Location	If Different From North/South line	m Surface	East/Wes	4 Nac	T a
or or not no.	ecron	TOWNSHIP	venge	LOC IUII	reet from the	North/Sodin mie	reet from the	Bast/wes	r me	County
Dedicated Acres			¹⁸ Joint or I	nfill	14 Consolidation	Code	15 Order No.	 		1
W/2 1	DK	1								
NO ALLOWABI	LE W					ON UNTIL ALL			EN CO	NSOLIDATED
		OR A N	on—sta	NDARD U	JNIT HAS BI	EEN APPROVED	BY THE DIV	ISION		
860° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° × 1050° ×	2622	LAT: 36'25.10' LONG: 107'28. NAD 1927 LAT: 36'25'08. LONG: 107'28' NAD 1983	.5425' V . .5" N.	1			I hereby on in true and bolief, and a working land inobad has a right	rify that the complete to that this organizate or us interest or us ing the prope to drill this or to triff on or interest, or to its ory pooling	information the best of anisation enleaged introduced bottom until at the	ural interest in the hole location or is location purauant the a mineral or ry pooling agreementation entered by the
USA SF-0788	385			L			I heroby con was plotted me or under	rify that the from field nor my supervisto the best of	well locati stee of act	IFICATION ion shown on this pical surveys made by hat the same is true SOAJAMA

Office	state of Nev	v Mexico		Form C-103
District I	Energy, Minerals and	Natural Resources		May 27, 2004
1625 N. French Dr., Hobbs, NM 88240 District II			WELL API NO.	30-039- 299(0)
1301 W. Grand Ave., Artesia, NM 882	OIL CONSERVAT	ION DIVISION	5. Indicate Type of Le	ase
District III	1220 South St.	Francis Dr.	STATE	FEE
1000 Rio Brazos Rd., Aztec, NM 8741	Santa Fe, NI	M 87505	6. State Oil & Gas Lea	ase No.
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM	37505		S	F-078885
SUNDRY NO	TICES AND REPORTS ON WELL		7. Lease Name or Unit	
(DO NOT USE THIS FORM FOR PROPOS. DIFFERENT RESERVOIR. USE "APPLICA			Cany	on Largo Unit
PROPOSALS.)	(***===		Carry	on Largo Cint
1. Type of Well: Oil Well Gas Well	X Other		8. Well Number	278E
2. Name of Operator	COLUMN CEC ON A CAS CONTRAN	N/ I D	9. OGRID Number	14520
3. Address of Operator	SOURCES OIL & GAS COMPAN	IY LP	10. Pool name or Wild	14538 cat
3401 E. 30TH S	TREET, FARMINGTON, NM 874	02		asin Dakota
4. Well Location Unit Letter D:	1050 feet from the No	orth line and	860 feet from t	ho Wast line
Section 11	Township 25N			he <u>West</u> line County Rio Arriba
	11. Elevation (Show whether DR, R			
Pit or Below-grade Tank Application	or Closure			1200
Pit type New Drill Depth to Grou		rest fresh water well		n nearest surface water
Pit Liner Thickness: n/a	mil Below-Grade Tank:	Volume	bbls; Construction	
	k Appropriate Box to Indic	ate Nature of Not	•	
·	INTENTION TO:	DEMEDIA	SUBSEQUENT R	
PERFORM REMEDIAL WORK TEMPORARILY ABANDON	PLUG AND ABANDON CHANGE PLANS	REMEDIAL	CE DRILLING OPNS.	ALTERING CASING P AND A
PULL OR ALTER CASING	MULTIPLE COMPL		EMENT JOB	
		_		L
OTHER:	lew Drill	X OTHER:		1 1
	New Drill Neted operations. (Clearly state all		ive pertinent dates, inclu	iding estimated date
13. Describe proposed or composed of starting any proposed w		pertinent details, and g		
13. Describe proposed or comp	leted operations. (Clearly state all	pertinent details, and g		
13. Describe proposed or composed of starting any proposed w	leted operations. (Clearly state all	pertinent details, and g		
13. Describe proposed or composed of starting any proposed we	leted operations. (Clearly state all	pertinent details, and g		
13. Describe proposed or composed of starting any proposed we	leted operations. (Clearly state all	pertinent details, and g		
13. Describe proposed or composed or starting any proposed we or recompletion.	leted operations. (Clearly state all	pertinent details, and g		
13. Describe proposed or composed of starting any proposed w	leted operations. (Clearly state all	pertinent details, and g		
Describe proposed or composed or starting any proposed we or recompletion. New Drill, Unlined: Burlington Resources proposes to	oleted operations. (Clearly state all ork). SEE RULE 1103. For Multip	pertinent details, and g le Completions: Attac	ch wellbore diagram of property of the second secon	roposed completion 's interpretation of the
13. Describe proposed or compof starting any proposed we or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria	oleted operations. (Clearly state all ork). SEE RULE 1103. For Multip of construct a new drilling pit and an the new drilling pit and vent/flare p	pertinent details, and g le Completions: Attac associated vent/flare p pit will be an unlined p	ch wellbore diagram of property of the wellbore diagram of the wellbore diagra	roposed completion 's interpretation of the con's Revised Drilling /
13. Describe proposed or composed or starting any proposed we or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria Workover Pit Construction / Ope	o construct a new drilling pit and an the new drilling pit and vent/flare pration Procedures dated November	pertinent details, and g le Completions: Attac associated vent/flare p pit will be an unlined p 11, 2004 on file at the	oit. Based on Burlington oit as detailed in Burlingt NMOCD office. A portion	roposed completion I's interpretation of the ton's Revised Drilling / ion of the vent/flare pit will be
13. Describe proposed or composed or starting any proposed we or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria Workover Pit Construction / Opedesigned to manage fluids, and the starting of the star	oleted operations. (Clearly state all ork). SEE RULE 1103. For Multip of construct a new drilling pit and an the new drilling pit and vent/flare p	pertinent details, and g le Completions: Attac associated vent/flare p pit will be an unlined p 11, 2004 on file at the le risk ranking criteria.	oit. Based on Burlington oit as detailed in Burlingt NMOCD office. A porti Burlington Resources a	roposed completion I's interpretation of the ton's Revised Drilling / ion of the vent/flare pit will be
13. Describe proposed or composed or starting any proposed we or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria Workover Pit Construction / Opedesigned to manage fluids, and the starting of the star	o construct a new drilling pit and an the new drilling pit and vent/flare paration Procedures dated November that portion will be unlined, as per the	pertinent details, and g le Completions: Attac associated vent/flare p pit will be an unlined p 11, 2004 on file at the le risk ranking criteria.	oit. Based on Burlington oit as detailed in Burlingt NMOCD office. A porti Burlington Resources a	roposed completion I's interpretation of the ton's Revised Drilling / ion of the vent/flare pit will be
13. Describe proposed or composed or starting any proposed we or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria Workover Pit Construction / Opedesigned to manage fluids, and the starting of the star	o construct a new drilling pit and an the new drilling pit and vent/flare paration Procedures dated November that portion will be unlined, as per the	pertinent details, and g le Completions: Attac associated vent/flare p pit will be an unlined p 11, 2004 on file at the le risk ranking criteria.	oit. Based on Burlington oit as detailed in Burlingt NMOCD office. A porti Burlington Resources a	roposed completion I's interpretation of the ton's Revised Drilling / ion of the vent/flare pit will be
13. Describe proposed or composed or starting any proposed we or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria Workover Pit Construction / Opedesigned to manage fluids, and the starting of the star	o construct a new drilling pit and an the new drilling pit and vent/flare paration Procedures dated November that portion will be unlined, as per the	pertinent details, and g le Completions: Attac associated vent/flare p pit will be an unlined p 11, 2004 on file at the le risk ranking criteria.	oit. Based on Burlington oit as detailed in Burlingt NMOCD office. A porti Burlington Resources a	roposed completion I's interpretation of the ton's Revised Drilling / ion of the vent/flare pit will be
13. Describe proposed or composed or starting any proposed we or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria Workover Pit Construction / Opedesigned to manage fluids, and the starting of the star	o construct a new drilling pit and an the new drilling pit and vent/flare paration Procedures dated November that portion will be unlined, as per the	pertinent details, and g le Completions: Attac associated vent/flare p pit will be an unlined p 11, 2004 on file at the le risk ranking criteria.	oit. Based on Burlington oit as detailed in Burlingt NMOCD office. A porti Burlington Resources a	roposed completion I's interpretation of the ton's Revised Drilling / ion of the vent/flare pit will be
13. Describe proposed or composed was of starting any proposed was or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria Workover Pit Construction / Opedesigned to manage fluids, and the according to the Drilling / Worker	oconstruct a new drilling pit and and the new drilling pit and vent/flare paration Procedures dated November that portion will be unlined, as per the over Pit Closure Procedure dated August 2015.	pertinent details, and g le Completions: Attac associated vent/flare p pit will be an unlined p 11, 2004 on file at the le risk ranking criteria. agust 2, 2004 on file th	oit. Based on Burlington oit as detailed in Burlingt NMOCD office. A porti- Burlington Resources a at the NMOCD office.	roposed completion I's interpretation of the ton's Revised Drilling / ion of the vent/flare pit will be unticipates closing these pits
13. Describe proposed or composed of starting any proposed we or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria Workover Pit Construction / Opedesigned to manage fluids, and the according to the Drilling / Worker I hereby certify that the information	oconstruct a new drilling pit and and the new drilling pit and vent/flare paration Procedures dated November that portion will be unlined, as per the over Pit Closure Procedure dated August 2006.	associated vent/flare point will be an unlined partial to the price of	bit. Based on Burlington bit as detailed in Burlingt NMOCD office. A portion Burlington Resources a at the NMOCD office.	roposed completion 's interpretation of the ton's Revised Drilling / ion of the vent/flare pit will be unticipates closing these pits that any pit or below-
13. Describe proposed or composed was of starting any proposed was or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria Workover Pit Construction / Opedesigned to manage fluids, and the according to the Drilling / Worker	oconstruct a new drilling pit and and the new drilling pit and vent/flare paration Procedures dated November that portion will be unlined, as per the over Pit Closure Procedure dated August 2006.	associated vent/flare point will be an unlined partial to the price of	bit. Based on Burlington bit as detailed in Burlingt NMOCD office. A portion Burlington Resources a at the NMOCD office.	roposed completion 's interpretation of the ton's Revised Drilling / ion of the vent/flare pit will be unticipates closing these pits that any pit or below-
13. Describe proposed or composed of starting any proposed we or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria Workover Pit Construction / Opedesigned to manage fluids, and the according to the Drilling / Worker I hereby certify that the information	oconstruct a new drilling pit and and the new drilling pit and vent/flare paration Procedures dated November that portion will be unlined, as per the over Pit Closure Procedure dated August above is true and complete to the beclosed according to NMOCD guidelines	associated vent/flare poit will be an unlined pl. 11, 2004 on file at the risk ranking criteria. agust 2, 2004 on file the risk ranking criteria.	bit. Based on Burlington bit as detailed in Burlingt NMOCD office. A portion Burlington Resources a at the NMOCD office.	roposed completion 's interpretation of the ton's Revised Drilling / ion of the vent/flare pit will be unticipates closing these pits that any pit or below-
13. Describe proposed or composed was or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria Workover Pit Construction / Ope designed to manage fluids, and the according to the Drilling / Workover I hereby certify that the information grade tank has been/will be constructed or SIGNATURE	oconstruct a new drilling pit and and the new drilling pit and vent/flare paration Procedures dated November nat portion will be unlined, as per the over Pit Closure Procedure dated August above is true and complete to the beclosed according to NMOCD guidelines	associated vent/flare point will be an unlined	cit. Based on Burlington oit as detailed in Burlingt NMOCD office. A portion Burlington Resources a at the NMOCD office. Ind belief. I further certify or an (attached) alternative gulatory Analyst	roposed completion a's interpretation of the ton's Revised Drilling / ion of the vent/flare pit will be unticipates closing these pits that any pit or below- e OCD-approved plan
13. Describe proposed or composed was or recompletion. New Drill, Unlined: Burlington Resources proposes to Ecosphere's risk ranking criteria Workover Pit Construction / Ope designed to manage fluids, and the according to the Drilling / Workover I hereby certify that the information grade tank has been/will be constructed or SIGNATURE	oconstruct a new drilling pit and and the new drilling pit and vent/flare paration Procedures dated November that portion will be unlined, as per the over Pit Closure Procedure dated August above is true and complete to the beclosed according to NMOCD guidelines	associated vent/flare point will be an unlined	ch wellbore diagram of property of the wellbore diagram of property of the wellbore diagram of property as detailed in Burlington NMOCD office. A portional burlington Resources at the NMOCD office.	roposed completion a's interpretation of the ton's Revised Drilling / ion of the vent/flare pit will be unticipates closing these pits that any pit or below- e OCD-approved plan

Conditions of Approval (if any):

PIPIUNES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION CONTRACTOR SHOVID CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED TO NOTE: VECTOR SURVEYS IS NOT LABLE FOR VUDERGROUND VITLINGS OR PIPEUNGS.



REJERVE PIT DIKE. TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).

BURLINGTON RESOURCES OIL & GAS COMPANY LP SECTION 11, T-25- N, R-6-W, NMPM, RIO ARRIBA COUNTY, NM CANYON LARGO UNIT 278E, 1050' FNL & 860' FWL GROUND ELEVATION: 6779', DATE: MAY 15, 2006

CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPLINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION. NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

OPERATIONS PLAN

Well Name: Canyon Largo Unit #278E

Location: 1050'FNL, 860' FWL, Section 11, T-25-N, R-06-W

Rio Arriba, New Mexico

Latitude 36° 25.1072', Longitude 107° 26.5425'

Formation: Basin Dakota

Elevation: 6779'GL

Formation Tops:	Top	Bottom	Contents
Surface	San Jose	2244'	
Ojo Alamo	2244'	2384'	aquifer
Kirtland	2384'	2732'	gas
Fruitland	2732′	2870′	
Pictured Cliffs	2870'	2928'	gas
Lewis	2928′	3269 <i>'</i>	gas
Huerfanito Bentonite	3269'	3728 <i>'</i>	gas
Chacra	3728 <i>'</i>	4494'	gas
Cliff House	4494'	4530'	
Menefee	4530'	5077 <i>′</i>	gas
Point Lookout	5077'	5335′	gas
Mancos	5335 <i>'</i>	6125′	gas
Gallup	6125′	7035 <i>'</i>	gas
Greenhorn	7035'	7089 '	gas
Graneros	7089'	7145'	gas
Two Wells	7145′	7228′	
Upper Cubero	7228′	7259′	
Lower Cubero	7259′	7297′	
Oak Canyon	7297 <i>'</i>	7339′	
Encinal	7339′	7345′	gas
TD	7345′		-

Logging Program:

Mud Logs/Coring/DST -

Mud logs - none

Coring - none

DST - none

Open hole - none

Cased hole - Gamma Ray - surface to TD

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 320'	Spud MUD/Air/Air Mest	8.4-9.0	40-50	no control
320'- 7345'	LSND	8.4-9.0	30-60	no control

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

Hole Size	Depth Interval	<u>Csg.Size</u> Wt.	Grade
12 1/4"	0' - 320'	8 5/8" 24.0#	J-55
7 7/8"	0' - 7345'	4 1/2" 10.5#	J-55

Tubing Program: 0' ~ 7345' 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, BOPE 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, BOPE 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 ½" 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 321 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.

Stage collar set @ 4927'. First Stage: Lead with w/266 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: 533 sacks Premium Lite cmt w/3% calcium chloride, 0.4% metasilicate, 0.25 pps celloflake, 5 pps LCM-1 and 0.4% FL-52. (2479 cu ft - 50% excess, circulate to surface, run CBL/temperature survey if cement is not circulated to surface.)

Stage | 1: 2.28 | 12.0 pps; stage 2: 2.13 | 12.0 pps

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 @ 2384'. Two turbolating centralizers at 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 11 is dedicated to the Dakota formation.
- This gas is dedicated.



b/6/06

Drilling Rig Choke Menifold Configuration 2000 pel System

Drilling Rig

Burlington Resources

2000 psi System

EGRATING HEAD: E FILL AR LINE ROOLF DO 17.22

Figure #1

4-20-01

Point to Total Depth. 2,000pel working pressure

Figure #3

7

equipment with two chahes.

Imum BOP installation for all Comple etion/Workover

Ne BOP. All BOP equipment is 2000 pel working rems. A stripping head to be installed on the top of erations. 7-1/16" bare, 2000 pel minimum working sure double gate BOP to be equipped with blind and ure or greater aucluding 500 pel stripping head Figure #2

BURLINGTON RESOURCES

BURLINGTON RESOURCES

Completion/Workover Rig BOP Configuration 2,000 pcl System

4-20-01