UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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	APPLICATION FOR PERMIT TO DRILL, DEEPEN,		
1a.	Type of Work	20世紀 - 20世紀 5. Lease Number	<u>L 17 AM</u> 5,48
	DRILL	Navajo 14	-20-603-768
		Navajo 14 Unit Reporting Nur	nber
			FARMINGTON NM
1b.	Type of Well GAS	6. If Indian, All. or Tri	be
	GAD	Navajo	
2.		Agreement Name	
	BURLINGTON		RCVD NOV 29 '07
	RESOURCES Oil & Gas Company	Navajo Indian	OIL CONS. DIV.
3.	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499	8. Farm or Lease Nan	DIST. 3
		9. Well Number	010110
	(505) 326-9700	65	
4.	Location of Well	10. Field, Pool, Wildo	at
	Unit D (NWNW), 1240' FNL, 660' FWL	Basin Fruitland	
		Ballard Pictured	Cliffs
		11 Sec Two Roe M	
	Latitude 36° 31.2204 $\int dt 4/dt$	11. Sec., Twn, Rge, N Sec. 6, T26N, R	3W
	Longitude 107° 43.7421	2-	oul
		API # 30-045- 33	846
14.	Distance in Miles from Nearest Town	12. County	13. State
	30.8 miles to Bloomfield Post Office San	Juan NM	
5.	Distance from Proposed Location to Nearest Property or Lease Line		
16.	660 ′ Acres in Lease	17. Acres Assigned to	n Well
		323.03 ac 1	
		162.67 ac N	
8.	Distance from Brancood Location to Manuat Wall, Data Control or And	ad for an this I area	
10,	Distance from Proposed Location to Nearest Well, Drlg, Compl, or Appl 583' - Navajo Indian #6	ied for on this Lease	
19.	Proposed Depth	20. Rotary or Cable T	ools
	2108'	Rotary	
21.	Elevations (DF, FT, GR, Etc.)	22. Approx. Date W	ork will Start
	6101,		
23.	Proposed Casing and Cementing Program		<u></u>
	See Operations Plan attached	n 1 / 10	
24.	Authorized by: HOW Clark	-2 1 4 0	6
	Sr. Regulatory Specialist	Date	+
	v		
PERMIT	NO APPROVAL DAT	E	
	MIT IN AT AN	1,17	
PERMIT	AM IS AT IN	e Date//2	707
	MIT IN AT AN	1,17	2/07
APPRO	VED BY Allace TITLE AFM		707
APPRO Archaec Threate	VED BY Alloco TITLE AFM		H ₂ S POTENTIAL EXIS
APPRO Archaec Threate NOTE: 1	VED BY Handboog FITLE AFM plogical Report attached med and Endangered Species Report attached this format is issued in lieu of U.S. BLM Form 3160-3		H ₂ S POTENTIAL EXIS
APPRON Archaec Threaten NOTE: T Title 18	VED BY Alloco TITLE AFM	DATE	-
APPRON Archaec Threate NOTE: T Title 18 I States at NOT	VED BY ALCONO TITLE AFM	DATE	agency of the United
APPRON Archaec Threate NOTE: 1 Title 18 I States at NO States at NO	VED BY Analogy TITLE AFM plogical Report attached med and Endangered Species Report attached This format is issued in lieu of U.S. BLM Form 3160-3 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to m the false fictitious of fraudulent statements or presentations as to any matter within the ACTO CASING & CEMENT OCH TO CASING & CEMENT DISTING OPERATIONS AUTHO SUBJECT TO COMPLIANCE WITH	DATE	agency of the United
APPRON Archaece Threate NOTE: 1 Title 18 States ar NO PRIN This	VED BY ALCONO TITLE AFM	DATE	-

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

DISTRICT II 1301 W. Grand Ave., Artesia, N.M. 88210

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

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

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102 Revised June 10, 2003 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT ²Pool Code ¹ API Number ³Pool Name Basin Fruitland Coal/Ballard Pictured Cliffs 30--045- 7 71629/71439 * Well Number ⁴Property Code ⁸Property Name NAVAJO INDIAN 6S 7349 [®]Operator Name ⁷OGRID No. * Elevation 6101 BURLINGTON RESOURCES OIL & GAS COMPANY LP 14538 ¹⁰ Surface Location Feet from the North/South line Ui or lot no. Section Township Ronge Lot-Idn Feet from the East/West line County 8-W 26-N NORTH 6 1240 660 WEST D SAN JUAN "Bottom Hole Location If Different From Surface UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County D Dedicated Acres ¹⁵ Joint or Infill ¹⁴ Consolidation Code 15 Order No. PC 162.67ac NW4 FC 323.03 ac W2 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 FD 2 1/2" FD 3 1/4" BLM 1955 B.C. N 88'56'21" W 17 OPERATOR CERTIFICATION 2607.39' (M) I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief LOT 1 LOT 3 LOT 2 Ш LAT: 36'31.2204' N. (NAD 27) LONG: 107 43.7421' W. (NAD 27) LAT: 36.52034" N. (NAD 83) 660' LONG:107.72965' W. (NAD 27) Clark NAVAJO 14-20-603-768 -25'30" E 1.36' (M) Signature Joni Clark LOT 5 04° **Printed Name** Sr. Regulatory Specialist z Title 2/14/2006 Date ____ 6 FD 2 1/2" GLO 1947 B.C. 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me LOT 6 or under my supervision, and that the same is true and correct to the best of my belief. DF(NMSF--078433 Date LOT 7 PROFESE Certificate Numb

Submit 3 Copies To Appropriate District Office	State of New Mexico	Form C-103		
District I 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Natural Resources	May 27, 2004		
District II		WELL API NO. 30-045- 33840		
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease		
District III	1220 South St. Francis Dr.	STATE FEE		
1000 Rio Brazos Rd., Aztec, NM 87410				
District IV	,			
1220 S. St. Francis Dr., Santa Fe, NM 87505		Navajo 14-20-603-768		
SUNDRY NOTICES	AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name		
DIFFERENT RESERVOIR. USE "APPLICATION FOR		Neuroio Indian		
PROPOSALS.)		Navajo Indian		
1. Type of Well:		8. Well Number		
	ther	6S 6S		
2. Name of Operator	9. OGRID Number			
	CES OIL & GAS COMPANY LP	14538		
3. Address of Operator	10. Pool name or Wildcat			
3401 E. 30TH STREET	Basin Fruitland Coal			
4. Well Location Unit Letter D : 1240	Cost from the North Picco I	(() for the form the		
Unit Letter D : 1240 Section 6) feet from the <u>North</u> line and Township 26N Rng 8W	660feet from theline VNMPMCountySan Juan		
	vation (Show whether DR, RKB, RT, GR, etc.) 6101'	NMPM County San Juan		
Pit or Below-grade Tank Application on	r Closure			
Pit typenew drill Depth to Groundwater	>100' Distance from nearest fresh water well	>1000' Distance from nearest surface water <1000		
Pit Liner Thickness: 12 mi	il Below-Grade Tank: Volume	bbls; Construction Material		
12. Check Apr	propriate Box to Indicate Nature of No	tice. Report or Other Data		
NOTICE OF INTE	-	SUBSEQUENT REPORT OF:		
TEMPORARILY ABANDON	HANGE PLANS COMMEN	ICE DRILLING OPNS.		
PULL OR ALTER CASING				
OTHER: New Drill	Pit X OTHER:			
13. Describe proposed or completed of	perations. (Clearly state all pertinent details, and	give pertinent dates, including estimated date		

of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

New Drill, Lined:

Burlington Resources proposes to construct a new drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of		
grade tank has been/will be constructed or closed according to NMOCD guidelines, a g	eneral permit 🛛 🛛 or an (attached) alternative OCD-a	pproved plan
Darte Cha I have -		
SIGNATURE at 31 Chigston by TITLE	Sr. Regulatory Specialist	DATE2/23/2006
Coni Clark		
Type or print name Patsy Clugston E-mail address	pclugston@br-inc.com Telephone No.	505-326-9518
For State Use Only	Deputy Oil & Gas Inspector,	
	District #3	DEC 1 3 2007
APPPROVED BY TITLE	Blother # 0	DATE
Conditions of Approval (if any):		J.

February 23, 2006

OPERATIONS PLAN

Well Name:	Navajo Indian #6S
Location:	Unit D (NWNW) 1240' FNL & 660' FWL, Section 6, T26N, R8W
	San Juan County, New Mexico
	Latitude 36° 31.2204'N; Longitude 107° 43.7421'W
Formation:	Basin Fruitland Coal / Pictured Cliffs
Elevation:	6101' <i>G</i> R

Formation:	Тор	Bottom	Contents
Surface	San Jose		
Ojo Alamo	1043'		
Kirtland	1223'	1716'	gas
T/Fruitland	1716'		gas
Pictured Cliffs	1908'		
Total Depth	2108'		

Logging Program: None

Mud Program:						
<u>Interval</u>	<u>Interval</u> <u>Type</u>		<u>Weight</u>		Vis. Fluid Loss	
0- 120'	Spud mud/Air/Air Mi	st 8.4-8	.9	40-50	no control	
120-2108'	Non-dispersed	8.4-9	8.4-9.5		30-60 no control	
Casing Program:						
<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq.Size</u>	<u>Wt.</u>		<u>Grade</u>	
8 3 "	0 - 120'	7"	20.0#	:	J-55	
$6 \frac{1}{4}$ "	0 - 2108'	4 1/2"	10.5#		J/K-55	
Tubing Program:						
	0 - 2108'	2 3/8"	4.7#		J-55	

Float Equipment: 7" surface casing - guide shoe. Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe and float collar on bottom. Centralizers run every third joint above shoe to the base of the Ojo Alamo @ 1223'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1223'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

-

Wellhead Equipment: 7" x 4 1/2" x 2 3/8" x 11" 2000 psi xmas tree assembly.

Page 1

Page 2 Navajo Indian #65

Cementing:

7" surface casing Pre-Set Drilled - Cement with Type I, II cement with 20% flyash mixed at 14.5 ppg, 1.61 cu ft per sack yield. (Bring cement to surface). Wait on cement for 24 hours for pre-set holes before pressure testing or drilling out from under surface.

7" surface casing - Cement with 42 sx Type III cement with 0.25 pps Celloflake, 3% CaCl. (54cu ft of slurry @ 1.28 yield). 200% excess, bring cement to surface. Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface. WOC until cement establishes 250 psi compressive strength prior to NU of BOPE.

4 1/2" production casing - Cement with 74 sx (200cu ft of slurry @ 2.13 yield) Premium Lite with 3% calcium chloride, 5 pps LCM-1, and 1/4#/sack celloflake, 0.4% FL-52, & 0.4% SMS. Tail with 90sx (124cu ft of slurry @ 1.38 yield) Type III cmt with 1% calcium chloride, 1/4#/sack Celloflake and 0.2% FL-52. Total of 324 cf - 50% excess to circulate to surface.

BOP and tests:

-

Surface to TD - 11" 2000 psi (minimum double gate BOP stack (Reference Figure #1 and #2). Prior to drilling out surface casing, test rams to 600 psi/30 min.

Completion - 6" 2000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to completion operations, test rams and casing to 1500 psi/30 min.

From surface to TD - choke manifold (Reference Figure #3).

Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Additional information:

- The Fruitland Coal / Pictured Cliffs formation will be completed.
- Anticipated pore pressure for the Fruitland is between 600 700 psi.
- * This gas is dedicated.
- * The west half of the section is dedicated to Fruitland Coal, NW/4 dedicated to Pictured Cliff.
- * New casing will be utilized.
- * Pipe movement (either rotation or reciprocation) will be done if hole conditions permit.

- CARA

Drilling Engineer

2/27/2006 Date

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BURLINGTON RESOURCES

Drilling Rig Choke Manifold Configuration 2000 psi System

BURLINGTON RESOURCES

BOP Configuration

2,000 psi System

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Burlington Resources

Drilling Rig

2000 psi System



> Choke mentional installation from Surface Casting Point to Total Depth. 2,000pel working pressure equipment with two chokes.

> > Figure #3

|| || Minimum BOP installation for all Comptation/Workover Operations, 7-1/16' bore, 2000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A stripping head to be installed on the top of the BOP. All BOP equipment is 2000 psi working pressure or greater excluding 600 psi stripping head. Figure #2

BOP Installistion from Surface Casing Point to Total Depth. 11" Bore 10" Nominal, 2000 pel working preserve double gets BOP to be exploped with blind rame and pipe rame. A 500 pel rotating head on top r ram prevention. All BOP exploriment is 2,000 pel working preserve

4-20-01

Figure #1

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4-20-01

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....... NGROOM PIPE 8 BLIND 2700 . X dit Lim حار حديثة اعتنعا Roma State Streem Chatte ----_____