UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	APPLICATION FOR P	<u>5 PM 3 34 </u>	
la.	Type of Work	5. Lease Number	
	DRILL RE(CEIVED USA SF-0780	•
	070 FARI	MINGTON NH Unit Reporting N	lumber
b.	Type of Well GAS	6. If Indian, All. or	Tribe
2.	Operator BURLINGTON RESCURCES Oil & Gas Com	7. Unit Agreement	Name
3.	Address & Phone No. of Operator	8. Farm or Lease N	ame NOTE:
	PO Box 4289, Farmington,	NM 87499 Heaton	prop. code 7
	(505) 326-9700	9. Well Number #100S	1 20,000
. .	Location of Well	10. Field, Pool, Wil	deat
	Unit D (NWNW), 725' FNL & 8		
		11. Sec., Twn, Rge,	Mer (NMPM)
	Latitude 36° 51.6458 N	Sec. 33, T31N,	
	Longitude 108° 00.1060 W	API # 30-045- 3 4	_
4.	Distance in Miles from Nearest Town	12. County	13. State
	3 mile/Aztec	San Juan	NM
5.	Distance from Proposed Location to No.	earest Property or Lease Line	angan i di an
6.	Acres in Lease	17. Acres Assigned FC-320 (W/2)	
8.	Distance from Proposed Location to No.	earest Well, Drlg, Compl, or Applied for on this Lea	nse
9.	Proposed Depth 2605'	20. Rotary or Cable Rotary	Tools
1.	Elevations (DF, FT, GR, Etc.)	22. Approx. Date \	Nork will Start
	5891' GL	- The state of the	
3.	Proposed Casing and Cementing Progra	am	RCVD JUL 12'0
	See Operations Plan attac		OIL CONS. DIN DIST. 3
4.	Authorized by: Rhonda Rogers (Reg	rulatory (Technician) Da	-07
	TNO	APPROVAL DATE	
ERMI	The state of the s	AITHOTAL DATE	

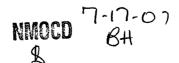
Threatened and Endangered Species Report attached

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.

Example Master Plan Type 2

Bond Numbers NMB-000015 and NMB-000089



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

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised October 12, 2005

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

OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Submit to Appropriate District Office State Lease - 4 Copies
5 Pm 3 3 Lease - 3 Copies

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

2007 JUL Santa Fe, NM 87505

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PEADN NM

'API Number	² Pool Code	Pool NameWC 31N11W33			
30-045- 343\$9	71629/ 97629	BASIN FRUITLAND COAL/FRUITL	AND SAND'		
Property Code	ty Code ⁶ Property Name				
_7102-7105	HE	1008			
OGRID No.	⁸ Ор	Operator Name			
14538	BURLINGTON RESOURCES OIL AND GAS, LP				
	¹⁰ Sur	face Location			

UL or lot no. Section Township Range North/South line Feet from the East/West line Lot Idn Feet from the County D 33 31-N 11-W SAN JUAN 725' NORTH WEST 800' 11 Bottom Hole Location If Different From Surface UL or lot no. Township Feet from the North/South line | Feet from the Bast/West line County B Dedicated Acres is Joint or Infill ¹⁴ Consolidation Code ¹⁶ Order No. 320.00 W/2 -FC

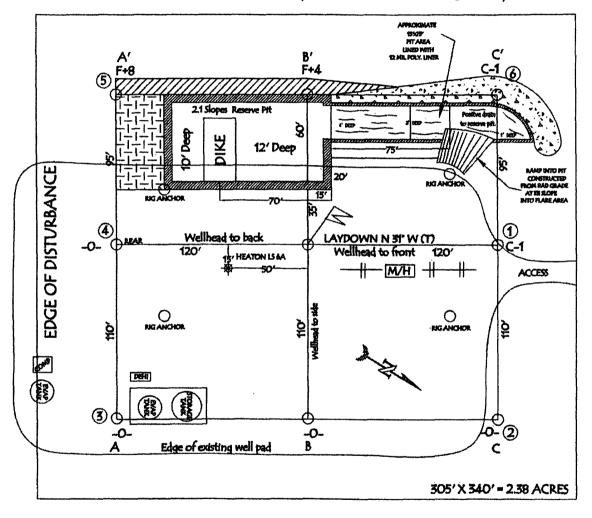
NO ALLOWARLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

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								
860, 800, 725,	8. 39. E,,	LAT: 3651.6458' N. LONG: 10800.1080' W. NAD 1927 LAT: 36.880787 N. LONG: 108.002391' W. NAD 1983	LOT 1	17 OPERATOR CERTIFICATION I hereby certify that the information contained howen is true and complete to the less of my knowledge and bettef, and that the organisation either owns a working inference or unleased mineral inferent in the land including the proposed bottom has location or has a right to drill this well at this location pursuant to a contrast with an owner of such a unineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order hereinfore entered by the division. 4/12/4				
88 88 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3	3		Signature Kandis Roland Printed Name Regulatory Technician				
USA SY OTROPT	FEE -		,	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Sarrey MEKIC. Signature and of Probational Surveyor:				
				Certificate Number 15703				

Submit 3 Copies To Appropriate District Office	State of New Me	exico		Form C-103
District I 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Natur	al Resources	WELL API NO.	May 27, 2004
<u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION	DIVISION	5. Indicate Type of Lease	045-34359
District III	1220 South St. France		STATE STATE	FEE 🗍
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 875		6. State Oil & Gas Lease No	
District IV	·	503	Federal Lease # U	
1220 S. St. Francis Dr., Santa Fe, NM 8750				
(DO NOT USE THIS FORM FOR PROPOSALS	CES AND REPORTS ON WELLS TO DRILL OR TO DEEPEN OR PLUG BACK	TO A	7. Lease Name or Unit Agre	ement Name
DIFFERENT RESERVOIR USE "APPLICATION			Heat	on
PROPOSALS.)				
1. Type of Well: Oil Well Gas Well X	Other		8. Well Number #100)S
2. Name of Operator	Outo		9. OGRID Number	,0
	OURCES OIL & GAS COMPANY LP		1453	38
3. Address of Operator	REET, FARMINGTON, NM 87402		10. Pool name or Wildcat Basin Fruitland Co	ol/Equitland Sand
4. Well Location	CEET, FARMINGTON, NM 87402		Basin Fruntand Cos	n/Fruntand Sand
Unit Letter D:	725' feet from the North	line and	800' feet from the	West line
Section 33		Rng 11W	NMPM Coun	ty San Juan
	Elevation (Show whether DR, RKB, RT, 5891'	GR, etc.)		
Pit or Below-grade Tank Application	or Closure		**************************************	estransconde Santanus Economica productiva escribir e escribic
Pit type New Drill Depth to Groundw	ater >100 Distance from nearest fresh	h water well	>1000 Distance from neare	st surface water <1000
Pit Liner Thickness: 12	mil Below-Grade Tank: Vo	olume	bbls; Construction Materi	al
12. Check	Appropriate Box to Indicate N	lature of Notic	ce. Report or Other Dat	a
NOTICE OF IN		1	SUBSEQUENT REPO	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL	· · · · · · · · · · · · · · · · · · ·	ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS		E DRILLING OPNS.	P AND A
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CI	EMENT JOB	
OTHER: New	Drill X	OTHER:		П
13. Describe proposed or complete	ed operations. (Clearly state all pertinen	t details, and give	pertinent dates, including esti	mated date
	. SEE RULE 1103. For Multiple Com	pletions: Attach v	wellbore diagram of proposed	completion
or recompletion.				,
New Drill, Lined:				
	nstruct a new drilling pit, an associated			
•	ranking criteria, the new drilling pit and		-	•
	/ Operation Procedures dated Novembed that portion will be lined as per the ris			
	Pit Closure Procedure dated August 2,			pates closing these pits
<u> </u>				
I hereby certify that the information abo	ve is true and complete to the hest of my	knowledge and b	relief I further cartify that any n	it or helow.
grade tank has been/will be constructed or close	·	eral permit X	or an (attached) alternative OCD-	
		_		
SIGNATURE Mond	DOCUS_TITLE_	Regula	atory Technician	DATE <u>7-5-07</u>
Type or print name Rhond	a Rogers E-mail address:	ronerrs@conoc	ophillips.com Telephone No	. 505-599-4018
For State Use Only	D-man address.		Dil & Gas Inspecto	
	- Wi-	ochury C	District #3	
APPPROVED BY Conditions of Approval (if any):	TITLE _			DATE JUL 1 7 2007

APPPROVED BY _______Conditions of Approval (if any):

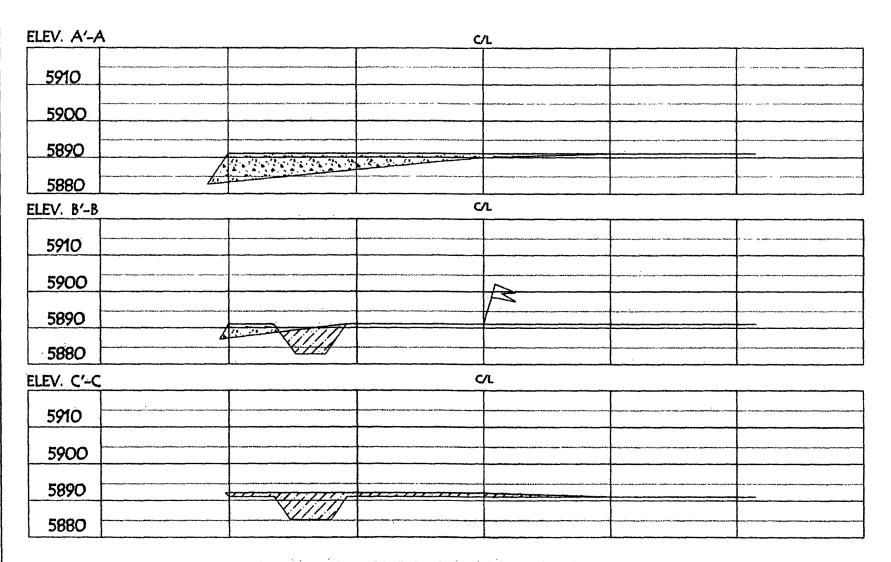
BURLINGTON RESOURCES OIL & GAS COMPANY LP HEATON 100S, 725' FNL & 800' FWL SECTION 33, T-31- N, R-11-W, NMPM, SAN JUAN COUNTY, NM GROUND ELEVATION: 5891', DATE: MARCH 14, 2007



LATITUDE: 36" 51.6458" N LONGITUDE: 108" 00.1060" W NAD27

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

BURLINGTON RESOURCES OIL & GAS COMPANY LP HEATON 100S, 725' FNL & 800' FWL SECTION 33, T-31- N, R-11-W, NMPM, SAN JUAN COUNTY, NM GROUND ELEVATION: 5891', DATE: MARCH 14, 2007



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

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.



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HEATON 100S

DEVELOPMENT

Lease: AFE #: WAN.CDR.7089 AFE \$:								
Field Name: hBR_	SAN JUAN	Rig: A	ztec Rig 580			State: NM	County: SAN JUAN	API #:
Geologist:		Phone	:		Geophy	vsicist:	Ph	none:
Geoscientist: Cla	rk, Dave D	Phone	: 505-326-976	2	Prod. E	ngineer:	Ph	one:
Res. Engineer: Sch		Phone	: 505-326-978	8	Proj. Fi	eld Lead:	Ph	none:
Primary Objective	re (Zones):					i e		
Zone	Zone Name							
JCV E	BASIN FRUITLAND	COAL (GAS)						
RCO087	RUITLAND SAND(F	RCO087)						
Location: Surface	. Datu	m Code: N/	AD 27					Straight Hole
Latitude: 36.86076	54 Longitude: -	108.001767	X:		Y:		Section: 33	Range: 011W
Footage X: 800 FV			Elevation: 589	 91		ownship: 031N	L	ranger 01177
Tolerance:					<u>. , , , , , , , , , , , , , , , , , , ,</u>			
Location Type: Yea	ar Round	Start (Date (Est.):		Com	pletion Date:	Date In Op	peration:
Formation Data:	Assume KB = 5903	3 Units =	FT					
Formation Call & Casing Points		epth SS in Ft) (Ft)	Depletion (Yes/No)	BHP (PSIG)	внт		Remarks	
Surface Casing	1	20 5783				8-3/4 hole. 7" Circulate cemer	20 ppf, J-55 STC csg. Cent to surface.	ment with 50 cuft.
OJO ALAMO	9	36 4967						<u> </u>
KIRTLAND	9	77 4926						
FRUITLAND	20	05 3898				Gas		
PICTURED CLIFFS	24	105 3498		200		Gas		
Total Depth	26	505 3298					1/2" 10.5 ppf, J-55, STC or cement to surface.	asing. Cement with 400
Reference Wells								
Reference Type	Well Name	·	Comments					
Logging Program: Intermediate Logs: Log only if show GR/ILD Triple Combo								
TD Logs:								
GR/CBL. Run induction/GR fromTD to surface. Run neutron/density from td to minimum footage (1000'). Use standard 2" & 5" combo.								
Additional Information:								
Log Type	Stage	From (Ft)	To (Ft)		Tool T	ype/Name	Remarks	

Comments: Location/Tops/Logging - FCNM031N011W33NW1 Twin Heaton LS 6B (1st choice - MV) or Heaton 6A (2nd choice - MV) else stay 800' away from PC well (Heaton 12) and prefer F,D,E,C.

Zones - FCNM031N011W33NW1 FSNM031N011W33NW1

General/Work Description - BDS STRATEGIC WELL MAKE SURE COST IS ALLOCATED AS: FC-97% FS-3%

Printed on: 7/5/2007 1:08:13 PM