UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	APPLICATION FOR PE	RMIT TO DRILL, DEEPEN, OR PLUG BAG	CK
1a.	DRILL	N 27 Pt 3-38 5. Lease Numb USA SF-0 Unit Reporti	080724-A
1b.	Type of Well 210	6. If Indian, All	I. or Tribe
2.	Operator BURLINGTON RESCURCES Oil & Gas Compa	7. Unit Agreen	nent Name
3.	Address & Phone No. of Operator PO Box 4289, Farmington, N	8. Farm or Lea Zachr 9. Well Numbe	T y
	(505) 326-9700	#17M	
4.	Location of Well Unit K (NESW), 1995' FSL & 1	10. Field, Pool, 940' FWL Blanco MV/E	
	Latitude 36° 40.85242 N Longitude 107° 51.37991 W	11. Sec., Twn, K Sec. 35, T2	Rge, Mer. (NMPM) 29N, R10W
	Hongitude 107 51.57351 W	API #	30-045- 3 433 <i>\$</i>
14.	Distance in Miles from Nearest Town 9.1 miles	12. County San Juan	13. State NM
15.	Distance from Proposed Location to Nea	rest Property or Lease Line	
16.	Acres in Lease	17. Acres Assi MV/DR - 320	-
18.	Distance from Proposed Location to Nea	rest Well, Drlg, Compl, or Applied for on this	s Lease
19.	Proposed Depth 6568'	20. Rotary or (Rotary	
21.	Elevations (DF, FT, GR, Etc.) 5722' GL	22. Approx. D	Pate Work will Start RCVD JUN27'07
23.	Proposed Casing and Cementing Program See Operations Plan attach		OIL CONS. DIV DIST. 3
24.	Authorized by: Xawway Kandis Roland (Regul	latory Technician)	129/07 Date
PERMI	T NO.	APPROVAL DATE	-1
APPRO	OVED BY DISTINGUES COS	TITLE AFUN C	DATE 6/25/07
Archa	eological Report attached		

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 3

6-29.07 BH

NMOCD

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised October 12, 2005

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

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

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 207 MAY 29 LANENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number 30-045-71599/72319 BASIN DAKOTA/BLANCO MESA VERDE ⁶ Well Number ⁴Property Code ⁶Property Name 7654 **ZACHRY** 17M OGRID No. *Operator Name * Elevation 14538 BURLINGTON RESOURCES O&G CO LP 5722' ¹⁰ Surface Location UL or lot no. Section Township Lot Idn Feet from the North/South line Feet from the Bast/West line County 10W 1995 K 35 29N SOUTH 1940' WEST SAN JUAN 11 Bottom Hole Location If Different From Surface UL or lot no. Section Township Lot Idn Feet from the Range North/South line Feet from the East/West line County K Joint or Infill ¹⁴ Consolidation Code 12 Dedicated Acres 15 Order No. 320 MV/DK S/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 FND PK NAIL OPERATOR CERTIFICATION PNO 3-1/4" BC S 89"16"33" S 89"56" W S 89"18"35" FND 2" AC BLM 1999 2566.67' (M) 2569.26' (M) I hereby certify that the infe S 89'56' W 2633.40' (R) S 89'56' W 2633.40' (R) plate to the best of my ig the proposed bottom hole location or has is to drill this well at this los Rhonda Rogers $\mathbf{\Xi}$ Printed Name 5280.00' (R) 5272.70' (I Œ SURVEYOR CERTIFICATION 5280.00 es plotted from field notes of actual surveys made by ms or under my supervision, and that the same is true and correct to the best of my belief. LAT. 36.68088 N (NAD83) LONG. 107.85695 W (NAD83) JANUARY 05, 2007 Date of Survey LAT. 36'40.85242' N (NAD27) LONG. 107'51.37991' W (NAD27) ZACHRY #36 LEASE # USA SF -080724-A SURVEYOR. NE'S 89'55'00" W 2568.06' (R&M) CACO'S 8 87'53'00" W 2620.20' (R&M) GLO 1913 DAVID RUSSELL Certificate Number 10201

Desiric IV Service Dr., Hobbs, NM 83240 Desire IV Service Dr., Hobbs, NM 83240 Desire IV Service Dr., Hobbs, NM 83240 OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87305 Santa		priate District	Sta	ate of New 1	Mexico		•	Form C-103
DIL CONSERVATION DIVISION S. Indicate Type of Lesse Debated	1625 N. French Dr., Hobbs	s, NM 88240	Energy, M	Ainerals and Na	tural Resources	WELL API NO.	21	May 27, 2004
Santa Frc, NM 87505		sia, NM 88210	OIL CO	NSERVATIO	N DIVISION	5. Indicate Type		1227
District Princip Or., Santa Fc, NM 87505 SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS TORN FOR PRONOSALS TO DRELL OR TO DEFENS ON PULLS RACK TO A DIFFERENCE RESERVOIR. LESS APPLICATION FOR PREMATY (FORM C-161) FOR SUCH 2 Achty.	***************************************		122	0 South St. Fr	ancis Dr.			
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GO NOT USL THIS FORM FOR PROPOSALS TO DELL OR TO DEEPEN OR PERGE BACK TO A DEFERENT RESERVOR. US "APPLICATION FOR FERMIT" (FORM C. 101) FOR SUCI				TS ON WELLS		7. Lease Name or	Unit Agreement Na	me
PROPOSALS 1. Type of Well Gas Well S Other	I'							
Class Well Gas Wel	1	SE AFFLICATION	N FOR PERMIT (FO	KMI C-101) FOR SU	СН		Zachry	
2. Name of Operator BIRLINGTON RESOURCES OIL & GAS COMPANY LP 3. Address of Operator BIRLINGTON RESOURCES OIL & GAS COMPANY LP 3. Address of Operator Letter & 1995 feet from the South line and 1940 feet from the West line Socion 35 Township 29N Rag 10W NMPM County San Juan Section 35 Township 29N Rag 10W NMPM County San Juan Pit Letter Tickenses 1. Elevation (Show whether PLR RRB, RT, GR, etc.) Pit Oper New Brill Depth to Groundwater 100 Distance from searest fresh water well biss. Construction Staterial Salestial 1. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PULL OR ALTER CASING CHANGE FLANS COMMENCE OFILLING OPPNS. ALTERING CASING CHANGE PLANS COMMENCE OFILLING OPPNS. PAND A ALTERING CASING CASING CHANGE PLANS OTHER: New Brill S. OTHER: New Brill S. OTHER: New Brill S. OTHER New Brill S. OTHER: New Brill S. OTHER NOTICE o		es Wall [V]	Other			8. Well Number	#17M	
3. Address of Operator 340) E. 30TH STREET, FARMINGTON, NM 87402 4. Well Location Unit Letter K		as well [A]	Other	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	9. OGRID Numbe		
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Unit Letter K : 1995 feet from the South line and 1940' feet from the West line Section 35 Township 29N Rng 10W NMPM County San Junn 11. Elevation (Show whether DR, RKB, RT, GR, etc.) Pit type New Drill Depth to Groundwater < 100 Distance from nearest fresh water well bibbs: Construction Material 291 Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK COMMENCE ORILLING OPNS. CHANGE PLANS COMMENCE ORILLING OPNS. CASING/CEMENT JOB MULTIPLE COMPL CHANGE PLANS CASING/CEMENT JOB DISTANCE OF STATE COMPLETOR OF STAT	3401	E. 30TH STRI	EET, FARMINGT	ON, NM 87402				·
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Pit type New Drill Depth to Groundwater <100 Distance from nearest fresh water well 1000 Distance from nearest surface water <100 Distance		11. E	Elevation (Show w		,	į		
Pit Liner Thickness: N/A mil Betow-Grade Tank: Volume bobs; Construction Material Squitty Ticol		lication	or Closure				<u> </u>	7200
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING PLUG AND ABANDON PULL OR ALTER CASING PAND A MULTIPLE COMPL TOTHER: New Drill 13. Describe proposed or completed operations. (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, an associated vent/flare pit and a pre-set mud pit (if required). Based on Burlington's interpretation of the Ecosphere's risk ranking cirteria, the new drilling pit and pre-set mud pit (if required). Based on Burlington's Newsod Drilling / Workover Prit 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 my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines a general permit	''	•			t fresh water well			vater <1000
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING New Drill OTHER: New Drill New Drill, lined: Burlington Resources proposed or completed operations. (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's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit (if required). Based on Burlington's Revised Drilling' (Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the ventiflare 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. Thereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines	Pit Liner Thickness:	N/A	mil Belov	v-Grade Tank:	Volume	bbls; Constru	ction Material	ynthetic
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	Burlington Resources Burlington's interprets Burlington's Revised I portion of the vent/flat anticipates closing the I hereby certify that the it grade tank has been/will be co	ation of the Eco Drilling / Worker re pit will be deserted in a see pits according	sphere's risk rank over Pit Construct signed to manage g to the Drilling / // we is true and com d according to NMO	ring criteria, the rion / Operation F fluids and that p Workover Pit Cl	new drilling pit and Procedures dated No ortion will be lined losure Procedure dated of my knowledge at a general permit X Reguess: ogerrs@conc	pre-set mud pit will ovember 11, 2004 or as per the risk rank ited August 2, 2004 and belief. I further ce or an (attached) alternation of the control of the ocophillips.con Tele	be lined pits as de file at the NMOCI ing criteria. Burlin on file at the NMOCI ing criteria. Burlin on file at the NMOCI ing criteria. Burlin on file at the NMOCI ing critist that any pit or belonative OCD-approved public phone No	tailed in D office. A gron Resources CD office. ow- olan 05-599-4018

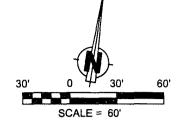
LATITUDE: 36.68088°N LONGITUDE: 107.85695°W DATUM: NAD 83

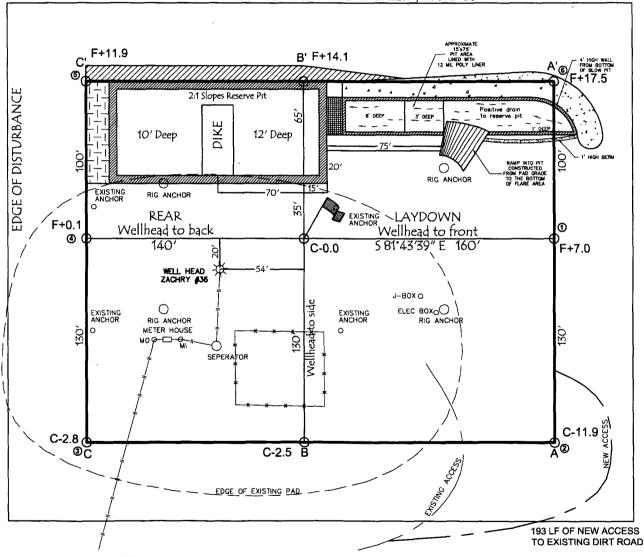
SLOPES TO BE CONSTRUCTED TO MATCH THE ORIGINAL CONTOURS AS CLOSE AS POSSIBLE.

BURLINGTON RESOURCES 0&G CO LP

ZACHRY #17M 1995' FSL & 1940' FWL LOCATED IN THE NE/4 SW/4 OF SECTION 35, T29N, R10W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO GROUND ELEVATION: 5722', NAVD 88 FINISHED PAD ELEVATION: 5722.1', NAVD 88





330' x 400' = 3.03 ACRES OF DISTURBANCE

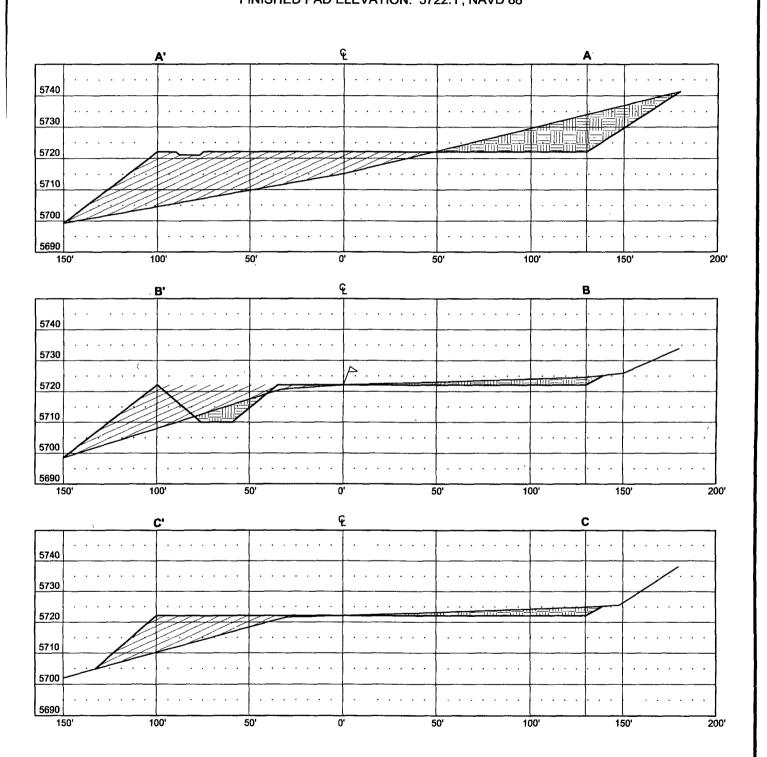
SCALE: 1" = 60' JOB No.: COP056 DATE: 01/10/07 NOTE:
RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
RUSSELL SURVEYING, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED, BURIED PIPELINES OR
CABLES ON WELL PAD, IN CONSTRUCTION ZONE AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR
TO CONSTRUCTION.



Russell Surveying 1409 W. Aztec Blvd. #5 Aztec, New Mexico 87410 (505) 334-8637 LATITUDE: 36.68088°N LONGITUDE: 107.85695°W DATUM: NAD 83

BURLINGTON RESOURCES O&G CO LP

ZACHRY #17M
1995' FSL & 1940' FWL
LOCATED IN THE NE/4 SW/4 OF SECTION 35,
T29N, R10W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
GROUND ELEVATION: 5722', NAVD 88
FINISHED PAD ELEVATION: 5722.1', NAVD 88



THIS DIAGRAM IS AN ESTIMATE OF DIRT BALANCE AND IS NOT INTENDED TO BE AN EXACT MEASURE OF VOLUME

/ERT. SCALE: 1" = 30' IORZ. SCALE: 1" = 50' JOB No.: COP056 DATE: 01/10/07





Russell Surveying 1409 W. Aztec Blvd. #5 Aztec, New Mexico 87410 (505) 334-8637



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ZACHRY 17M

DEVELOPMENT

Lease:			<u>A</u>	FE #: WA	N.CDR.	7023		AFE \$:
Field Name: hBR_SAN JUAN		Rig: H	&P Rig 283			State: NM	County: SAN JUAN	API #:
Geologist:		Phone:			Geoph	nysicist:	and the second s	Phone:
Geoscientist: Head, Chip F		Phone:	505-326-977	72	Prod.	Engineer:	**************************************	Phone:
Res. Engineer: McKee, Cory J			505-326-982	i	Proj. I	ield Lead:		Phone:
Primary Objective (Zones):								And the second s
Zone Name	· · · · · · · · · · · · · · · · · · ·			_			•	
FRR BASIN DAKO	TA (PRORATE	D GAS)	į				
RON BLANCO MES	SAVERDE (PR	ORATE	D GAS)	1				
								·
1								
Location: Surface	Datum Co	de: NA	D 27					Straight Hole
Latitude: 36.680874 Longit	ude: -107.85	6332	X:		Y:		Section: 35	Range: 010W
Footage X: 1940 FWL Footage	je Y: 1995 FS	SL	Elevation: 572	22	(FT)	Township: 029N		
Tolerance:						THE RESERVE THE PROPERTY OF THE PARTY OF THE	THE COLUMN TWO IS NOT THE PROPERTY OF THE PROP	a dagili a dagili a managamada sa dagili na adina di mandisina a produkta aya si ataun 14. dadi tagili dikama 🖰 🖽
Location Type: Year Round		Start D	ate (Est.):		Con	npletion Date:	Date I	In Operation:
Formation Data: Assume KB	= 5734 (Jnits =	FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	внт		Remark	ks
Surface Casing	217	5517		L				H-40, STC casing. Cement
OJO ALAMO	070	4055				with 171 cuft. (Circulate cement to s	urface.
KIRTLAND	879 999	4855 4735						
FRUITLAND	1659	4075				Possible Gas		
PICTURED CLIFFS	1974	3760				1 0331010 003		
LEWIS	2089	3645	ñ			\		
Intermediate Casing	2189	3545	ñ			8 3/4" Hole. 7'	', 20 ppf, J-55, STC C	Casing. Cement with 492
-			_				ement to surface.	
HUERFANITO BENTONITE	2469	3265						
CHACRA MASSIVE CLIEF HOUSE	2959	2775		000		C		
MASSIVE CLIFF HOUSE MENEFEE	3554 3654	2180 2080		800		Gas		1
MASSIVE POINT LOOKOUT	4289	1445					γ	
MANCOS	4629	1105	H					
UPPER GALLUP	5484	250	ñ					
GREENHORN	6259	-525	H					
GRANEROS	6318	-584	. П					
TWO WELLS	6374	-640	ñ	900		Gas		
PAGUATE	6432	-698	ñ	300				
CUBERO	6488	-754	D.					'
ENCINAL	6559	-825						•
TOTAL DEPTH DK	6568	-834	ō			6-1/4" Hole. 4- cuft. Circulate c casing string.	1/2", 10.6 ppf, J-55 s ement a minimum of	STC casing. Cement with 596 100' inside the previous
Reference Wells:				3 7 30 7	, 12 W		1. 3. 3. 3. 3. 3. X. A.	
Reference Type Well Name			Comments			·		

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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ZACHRY 1/W	Л		DEVELOPMENT					
Logging Prog	ram:							
Intermediate Lo	ogs: 🔲 Log only	if show 🔲 GR/ILD	☐ Triple Com	nbo				
				and a supplier of a supplier of the supplier o				
TD Loas:	Triple Co	ombo 🔲 Dipmeter	RFT Sc	onic VSP TDT 🗹 Oth	er			
	GR/CBL				· · · · · · · · · · · · · · · · · · ·			
Additional Infor	mation:							
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks			

Comments: Location/Tops/Logging - DK 29N10W35SW2 AND MVNM029N010W35SW2

Zones - DK 29N10W35SW2 AND MVNM029N010W35SW2

General/Work Description - NO LEWIS

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