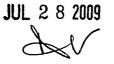
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

	APPLICATION FOR PERMIT TO D			JUN 2 9 2009
1a.	Type of Work DRILL		5. Lease Number SF-078138 Unit Reporting N	eau of Land Managem armington Field Office lumber
1b.	Type of Well GAS		6. If Indian, All. or	Гribe
2.	Operator BURLINGTON		7. Unit Agreement いんべん	Name 5782
	RESOURCES Oil & Gas Company, LP		(ROVD JUL 23 O
3.	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease N Morris A CO/ 9. Well Number 4S	amell CUNS. DIV DIST. 3
4.	Location of Well Surf:Unit I(NESE), 1475' FSL & 1245'	FEL	10. Field, Pool, Wild Basin Frui	dcat tland Coal
	Surf: Latitude: 36.809099° N (NAD83 Longitude: 107.973718° W)	11. Sec., Twn, Rge, Sec. 15, T3 API # 30-045-	0N, R11W
14.	Distance in Miles from Nearest Town 4.2 miles/Aztec		12. County San Juan	13. State
15.	Distance from Proposed Location to Nearest Prope	erty or Lease Li	ne	
16.	Acres in Lease 2063.26		17. Acres Assigned FC 317.66 (
18.	Distance from Proposed Location to Nearest Well,	Drig, Compi, or	Applied for on this L	ease
19.	Proposed Depth 2503'	TAL EXIST	20. Rotary or Cable Rotary	Tools
21.	Elevations (DF, FT, GR, Etc.) 5873' GL		22. Approx. Date War S APPROVAL OR A	CCEPTANCE OF TH
23.	Proposed Casing and Cementing Program See Operations Plan attached	S OPE AU1	RATOR FROM OBTA HORIZATION REQU FEDERAL AND INDI	INING ANY OTHER
24.	Authorized by: Sucry Williams Tracey N. Monroe (Staff I		<i></i>	Date
PERM	IT NO.	APPROVAL DA	TE	
APPRO	OVED BY SOMMONING TITLE	ATU	DAT	E 7/28/09
Threat	eological Report attached ened and Endangered Species Report attached This format is issued in lieu of U.S. BLM Form 3160-3	NOTIFY	AZTEC OC TO CASING	

Example Master Plan Type 2

Bond Numbers NMB-000015 and NMB-000089





District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

State of New Mexico

Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
State Lease 7 Comises

1220 South St. Francis Dr. Santa Fe, NM 87505

State Lease - 7 Copies

Fee Lease - 3 Copies

Form C-102

JUN 29 2009

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-045- 3500				Pool Code 629	ol Name AND COAL				
4 Property Code 7328					5 Proper MOF	ty Name RRIS A COM		⁶ Well Number 4S	
' '' 					8 Operat N RESOURCE			⁹ Elevation 5873	
					¹⁰ SURFACE	LOCATION			
UL or lot no.	Section 15	Township Range Solution Feet from the Solution Feet from the Solution Feet from the Solution Feet from the Solution East/West line EAST EAST							County SAN JUAN
			11 E	Bottom H	ole Location	If Different Fro	m Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 317.66 (F		or Infill	Consolidation	n Code	Order No.				
	NO A	LLOWAE	BLE WILL BI	E ASSIGNI	ED TO THIS CO	OMPLETION UNTI	L ALL INTEREST	S HAVE BEEN	

CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

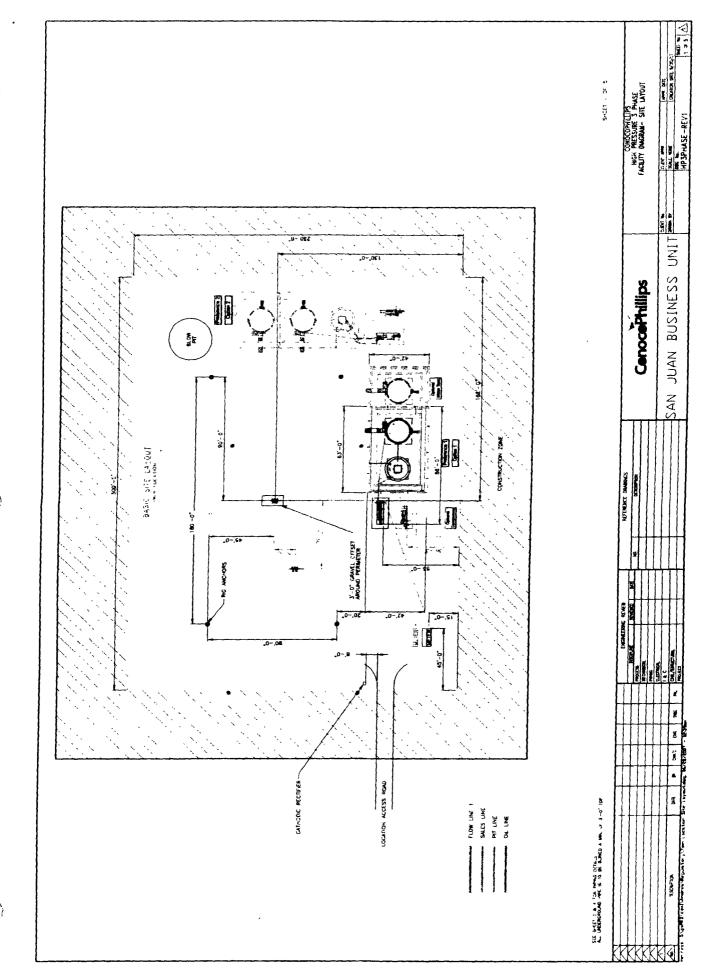
16		B	S195.5' (R) S191.0' (M)	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
		G FEE	2 E/2 DEDICATED ACREAGE USA SF-078138 SECTION 15, T-30-N, R-11-W	James Gardenhire Printed Name Regulatory Technician Title and E-mail Address 10/27/08 Date 18 SURVEYOR CERTIFICATION
_	WELL FLAG NAD 83 LAT: 36.809099° N ONG: 107.973718° W NAD 27 LAT:36°48.545731' N NG: 107°58.385733' W	+	1245'	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 Survey: 10/15/08 Signature and Seal of Professional Surveyor:
	BLM 1969	FEE N 89°47' W N 89°43'23" W	2733.7' (R) BLM 2732.3' (W) 1969	Certificate Number: NM 11393



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

Lease: Field Name: SAN Geologist: Geoscientist:	NAUCI				TA	EE #+\\//				·· · · · · · · · · · · · · · · ·		
Geologist:	NAUL I		l n					AN.CDR.8368			AEE \$: 754,100.53	
Geologist:			Field Name: SAN JUAN Rig: X			ng Rig		State: NM	Count	y: SAN JUAN	API #:	
							Geophysicist:			Phone:		
					····			Prod. Engineer:		Phone:		
Res. Engineer: Phone:						·		Field Lead:	Phone:			
Primary Object	tve (Zó	nes))										
Zone	Zone N		***************************************				weign is a financiary.				,	
R20001	······				,	1 .						
						_				,		
				Section of the	ka ka asari kati satis apropi kaca s				era consessa			
Location and Latitude: 36.809	The state of the s	Datu Longitude:	in Goda -107 9730	A PERSONAL PROPERTY.			Y:		Section	on: 15	Range: 011W	
Footage X: 1245		Footage Y:			: Y: Selevation: 5873 (FT) Township: 030N						Mange, OTTH	
Tolerance:	1		1173 7 36				(,,)	Township. 0501				
Location Type: Y		· · · · · · · · · · · · · · · · · · ·			(Est.): 1/	1/2011	Con	npletion Date:		Date In (Operation:	
Formation Call &	ASSUM	e KB = 588		its = FT) anlation	DUD	7					
Casing Points			epth D in Ft)		Depletion (Yes/No)	BHP (PSIG)	внт			Remarks		
Surface Casing		2	:00	5689				8-3/4 hole. 7" Circulate cemei	20 ppf,	J-55 STC csg. (Cement with 77 cuft.	
OJO ALAMO		9	16 4	1973				Circulate Cerrici	110 00 30	illuc.		
KIRTLAND		10	028 4	1861								
FRUITLAND		17	721 4	1168		200		Gas				
FRUITLAND COAL		20	061 3	3828								
PICTURED CLIFFS		23	303 3	3586				Gas; TD - 200'	Below 1	T/PCCF		
Total Depth		25	5 03 3	386							casing. Cement with 382	
	FACTOR VI				vegamentatio	area esta	acquest of	cuft. Circulate c	ement	to surface.		
Reference Well Reference Type	Well N				omments				2000			
Production	Bruinato				N-11W15	NW SE N	IW				7 T.	
Production	3	-Pubco Unit	1		N-11W14							
Production	Federal				N-11W14		w					
Production		Com-15	,		N-11W15							
Loggica Progra Intermediate Log		og only if sho	ow 🔲 GF	אווס [Triple (Combo	\$2.25 					
TD Logs: Triple Combo Dipmeter RFT Sonic VSP TDT Other									,			
	Cased Hole GR / CBL											
Additional Inform	ation:									,		
Log Type	Stage		From (FI	()	To (Ft)	·	Tool 1	ype/Name		Remarks		



!)

BURLINGTON RESOURCES OIL & GAS COMPANY LP

MURPHY A 4S 1475' FSL, 1245' FEL SECTION 15, T-30-N, R-11-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO NAD 83 LAT.: 36.809099'N LONG.: 107.973718'W ELEV.: 5873 NAVD88 NEW ACCESS 158.5'

FROM AZTEC, NM AT THE INTERSECTION OF HWY. 550 AND AZTEC BLVD. (NM ST. HWY 516)

- TURN SOUTH ON HWY. 550 AT CONOCO SUNDIAL/SAFEWAY STORE.
- GO 1.85 MI. TURN LEFT OFF EAST SIDE OF HWY, 550.
- GO 0.42 MI. NORTHEAST. TURN RIGHT.
- GO 0.3 MI. SOUTHEAST TO INTERSECTION AND TURN LEFT.
- GO 1.0 MI. AND TURN RIGHT PAST THE WASH.
- GO 0.6 MI. STAY STRAIGHT TO THE BROG MORRIS A 13A. STAKED WELL IS TWINNED HERE.