UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	APPLICATION FOR PERMIT TO DRILL, DEEP	-arm total Office					
1a.	Type of Work	5. Lease Number of and Managaman					
	DRILL	SF-078356-A					
	/S RECEIVED	~ \					
1b.	Type of Work DRILL Type of Well GAS AGY 1810 RECEIVED OUT 2011 GO OIL CONS. DIV. DIST. 3	Unit Reporting Number					
	GAS O' O'	5					
	OIL CONS. DIV. DIST. 3	,					
2.	Operator BURLINGTON RESCURCES Oil & Gas Company, LP	⊿ [∑] /7. Unit Agreement Name					
	BURLINGTON Established	0K-NMNM 78394B					
	RESOURCES Oil & Gas Company, LP 1-18080	Huerfanito Unit MV-NMNM 78394 C					
3.	Address & Phone No. of Operator	8. Farm or Lease Name					
	PO Box 4289, Farmington, NM 87499	,					
	· ·	9. Well Number					
	(505) 326-9700	85M					
4.	Location of Well	10. Field, Pool, Wildcat					
	Surface: Unit C(NENW), 710' FNL & 1385' FWL	Blanco MV / Basin DK					
		11. Sec., Twn, Rge, Mer. (NMPM)					
	Surface: Latitude: 36.551507° N (NAD83) Longitude: 107.762233° W	Sec. 26, T27N, R9W					
		API# 30-045-35287					
14.	Distance in Miles from Nearest Town	12. County 13. State					
	32.3 miles from Bloomfield, NM	San Juan NM					
15.	Distance from Proposed Location to Nearest Property or Lease	Line					
16.	Acres in Lease	17. Acres Assigned to Well					
	320.00 acres	MV 320.00 acres W/2					
		DK 320.00 acres W/2					
18.	Distance from Proposed Location to Nearest Well, Drlg, Compl. 2221' from (BR) Huerfanito Unit 89 (DK)	or Applied for on this Lease					
19.	Proposed Depth is action is subject to technical and	20. Rotary or Cable Tools					
	6800' procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	Rotary					
21.	Elevations (DF, FT, GR, Etc.)	22. Approx. Date Work will Start					
	6318' GL	DRILLING OPERATIONS AUTHORIZED ARE					
		SUBJECT TO COMPLIANCE WITH ATTACHED					
23.	Proposed Casing and Cementing Program	"GENERAL REQUIREMENTS".					
	See Operations Plan attached						
24.	Authorized by: Dusse	720-17 5011					
24.	Dollie L. Busse (Staff Regulatory	Tech) Date					
PERM	NIT NO. APPROVAL	DATE					
17/4	AFTROVAL:						
APPR	OVED BY JAMES TITLE AM	DATE 7/5//					
	neological Report attached A gas recovery unit	may or may not be used on this location.					
IIIIGa	neneu and Endangered Species Neport 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 Bond Numbers NMB-000015 and NMB-000089

NOTIFY AZTEC OCD 24 HRS. AUG 0 1 2011

BLM'S APPROVAL OR ACCEPTANCE OF THIS BLM'S APPROVAL OR ACCEPTANCE AND ACTION DOES NOT RELIEVE THE LESSEE AND ACTION DOES NOT RELIEVE THE ACTION DOES NOT RELIEVE THE LESSEE AND ACTION DO PRIOR TO CASING & CEMENT

ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

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.
Santa Fe, NM 87505

MASubmit to Appropriate District Office

State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 Famrington Field Office Bureau of Land Managen L., AMENDED REPORT

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

Pool Code 30-045 - 355.8 71-599/72319 **Pool Code 30-045 - 355.8** 71-599/72319 **Pool Code 30-045/8-72319 **Pool Code 30-045/8-72319				W	ELL L	OCATIO	N AND AC	REAGE DED	ICATION PI	LAT				
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LOCAL GRID NAD83.	- {			E A DISTANC	UE OF 2645	5.64 FEE! AS	MEASURED BY	.r.s.	Certificate			15/03		



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANITO UNIT 85M

DEVELOPMENT

Lease:								AN.CDR.0044			AFE \$: 0.00	
Field Name: SAN JUAN			Rig: Aztec Rig 711				Stat	e: NM	County: SAN JUAN	API #:		
Geologist:				Phone	:		Geop	hysicist:			Phone:	
Geoscientist:					:	Prod	Prod. Engineer:			Phone:		
Res. Engineer:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		or :	Phone	14	· · · · · · · · · · · · · · · · · · ·	Proj.	Field Lea	ad:		Phone:	
Primary Object	ive (Zor	nes):									277	
Zone	Zone N	ame	- 									
RON	BLANC	O MES	AVERDE (PR	ORATE	ED GAS)							
FRR	BASIN [DAKOT	A (PRORATE	D GAS	S)							
Location: Surface	e .		Datum Cod	de: NA	AD 27						Straight Hole	
Latitude: 36.5514	98 L	.ongitu	ıde: -107.76	1619	X:	2.00	Y:			Section: 26	Range: 009W	
Footage X: 1385	FWL F	ootag	e Y: 710 FNL	_	Elevation:	6318	(FT)	Townsh	ip: 027	N		
Tolerance:					•							
Location Type: Ye	ear Roun	ıd		Start [Date (Est.):	1/1/2012	Co	mpletion	Date:	Date In	Operation:	
Formation Data:	Assum	e KB =	: 6333 U	Jnits =	FT							
Formation Call & Casing Points			Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)		ВНТ		Rema	rks	
Surface Casing		1	200	6133	<u> </u>	(100,110)	(1010)	12-1/4" hole. 9 5/8" 32.3 ppf, H-40, STC casi				
OJO ALAMO			1340	4993	·		_		with 1	21 cuft. Circulate cement	to surface.	
KIRTLAND			1469	4864								
FRUITLAND			1839	4494					Possib	e Gas		
PICTURED CLIFFS			2220	4113								
LEWIS			2311	4022						·		
HUERFANITO BENT	ONITE		2711	3622						,		
CHACRA			3123	3210								
UPPER CLIFF HOUS	SE		3587	2746					Cliffho	use is wet		
MASSIVE CLIFF HO	USE		3812	2521		-						
MENEFEE			3870	2463			· V		Est. To	p Perf - 4220 (2113)		
Intermediate Casing	g		4020	2313				131	8-3/4"		STC/LTC casing. Cement	
POINT LOOKOUT			4521	1812	· · · · · · · · · · · · · · · · · · ·		829		GAS	oo care. Circulate cement	to surface.	
MANCOS		-	4903	1430					<u>-</u>	- · · · · · · · · · · · · · · · · · · ·		
UPPER GALLUP			5702	631								
GREENHORN			6511	-178								
GRANEROS			6563	-230								
TWO WELLS			6609	-276			2114	}	Gas		1,1 1,11,11,11,11,11,11,11,11,11,11,11,1	
PAGUATE			6671	-338								
UPPER CUBERO			6731	-398								
LOWER CUBERO			6735	-402					Est. Bt	m Perf - 6780 (- 447) b	ased on offset wells	
ENCINAL		_,	6800	-467			*********		TD - T		· · · · · · · · · · · · · · · · · · ·	
Total Depth			6800	-467				188	6-1/4' with 38	hole, 4-1/2" 11.6 ppf, l	-80 LTC casing. Cement to a minimum 100' inside	
BURRO CANYON			6882	-549								

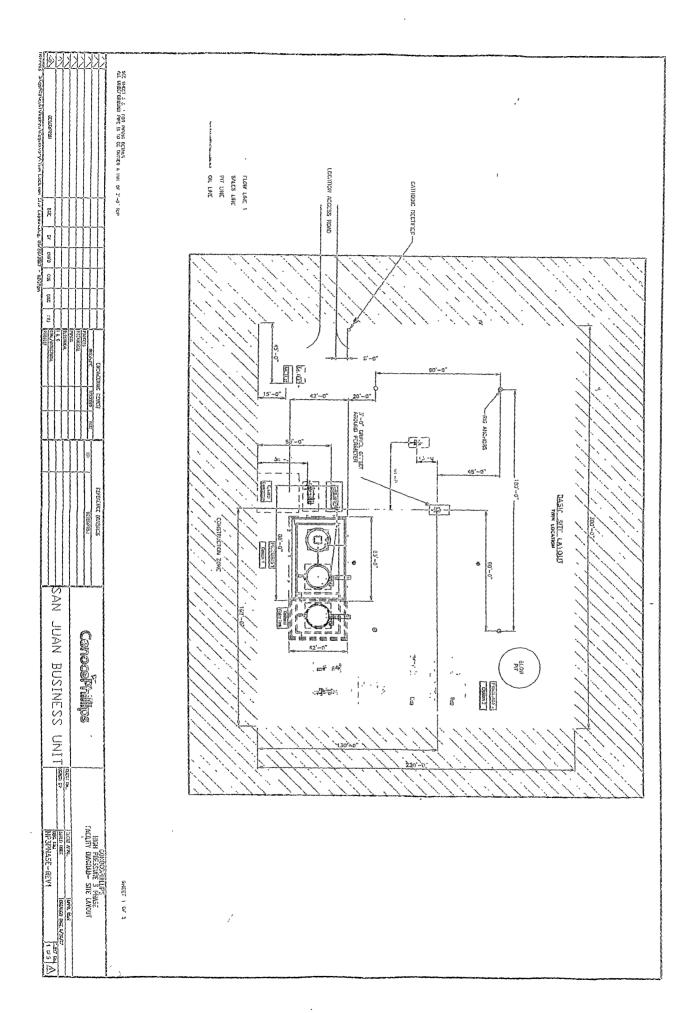
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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANITO	UNII 85M		DEVELOPMENT						
MORRISON	6	917 -584							
Reference Well	s:								
Reference Type	Well Name	(Comments						
Production	Huerfanito Unit 105	2	7N 9W 27 NE NE						
Production	Huerfanito Unit 89	2	7N 9W 23 NW SW						
Production	Huerfanito Unit 85	2	7N 9W 26 SE SW						
	s: Log only if sh								
			1 C 1 - ·						
TD Logs:			RFT Sonic	□ VSP□ TDT ☑ Other					
	Cased Hole GR/C				•				
		p to TD and mudic	ogger will call TD.						
Additional Inform	ation:								
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks				



Directions from the Intersection of Hwy 550 and Hwy 64 in Bloomfield, NM

To:

Burlington Resources Oil & Gas Company LP
HUERFANITO UNIT #85M
710' FNL & 1385' FWL,
Section 26, T27N, R9W, N.M.P.M., San Juan County,
New Mexico

Latitude: 36° 33′ 05.427″ N Longitude: 107° 45′ 44.040″ W Nad 1983

From the Intersection of Hwy 550 and Hwy 64, Take Hwy 550 (south) for 15.8 miles to CR 7225, Turn left (east) on CR 7225 for 4.5 miles. Turn right (easterly) for 4.2 miles, Turn right (southerly) 0.1 miles, Turn left (easterly) 2.4 miles, Turn left (northerly) on CR 7007 for 1.9 miles, Turn left (westerly) 0.7 miles, Turn left (southwesterly) 0.3 miles Through well location and continue westerly 1.0 miles, Stay left (northwesterly) @ y-intersection for 0.3 miles, Turn right (northeast) 0.8 miles, To beginning of new access on right side of road, Turn right and proceed 333.77' to the newly staked location, Twinned with the proposed well pad, HUERFANITO UNIT #176S.