UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Burnay of Land Management 5. Lease Nurragington Field Office Type of Work 1a. DRILL SF-079365 **Unit Reporting Number** 1b. Type of Well 6. If Indian, All. or Tribe GAS 2. Operator 7. Unit Agreement Name BURLINGTON RESCURCES Oil & Gas Company, LP San Juan 28-6 Unit 3. Address & Phone No. of Operator 8. Farm or Lease Name PO Box 4289, Farmington, NM 87499 9. Well Number (505) 326-9700 111P **Location of Well** 4. 10. Field, Pool, Wildcat Surf:Unit K (NESW), 1867' FSL & 2059' FWL Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) K Sec. 15, T27N, R6W Surf: Latitude: 36.57227 N Longitude: 107.45637 W API# 30-039- 🖯 14. **Distance in Miles from Nearest Town** 12. County 13. State 40 mile/Blanco Rio Arriba 15. Distance from Proposed Location to Nearest Property or Lease Line 1867 16. Acres in Lease 17. Acres Assigned to Well 1,720.000 DK/MV-320.00 (W/2) 18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1085' from San Juan 28-6 Unit 6 (MV) 19. **Proposed Depth** 20. Rotary or Cable Tools 7761' Rotary 21. Elevations (DF, FT, GR, Etc.) 22. Approx. Date Work will Start 6402' GL 23. **Proposed Casing and Cementing Program** See Operations Plan attached 24. Authorized by: James Gardenhire (Regulatory Technician) PERMIT NO. APPROVAL DATE **APPROVED BY** Archaeological Report attached NOTIFY AZTEC OCD 24 HRS. Threatened and Endangered Species Report attached NOTE: This format is issued in lieu of U.S. BLM Form 3160-3 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 of agency of the United

States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction. Example Master Plan Type 4

This action is subject to technical and procedural review pursuant to 43 CFR 3165 3 and appeal pursuant to 43 CFR 3165.4

14

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

Bond Numbers NMB-000015 and NMB-000089 BLM'S APPROVAL OR ACCEPTANCE OF THIS **ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS** ON FEDERAL AND INDIAN LANDS

والمرابع المرابع والمرابع والمرابع والمنطق والمرابع والمنابع والمرابع والمرابع والمرابع والمرابع والمرابع

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

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 EVE Bevised October 12, 2005

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

Submit to Appropriate District Office

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

OIL CONSERVATION DIVISION MAR 03 2009 1220 South St. Francis Dr.

State Lease — 4 Copies Fee Lease — 3 Copies

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87605

Section

15

UL or lot no.

K

Santa Fe, NM 87505 Bureau of Land Management AMENDED REPORT Farmington Field Office

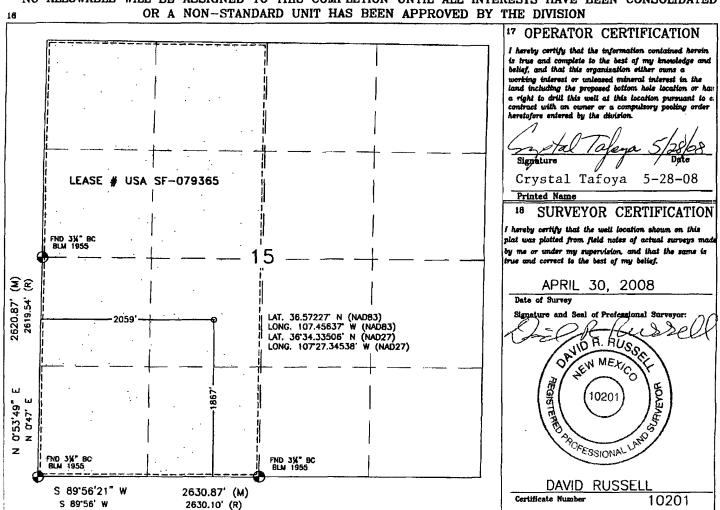
WELL LOCATION AND ACREAGE DEDICATION PLAT

30-039-300	*Pool Code 71599/72319	*Pool Code				
⁴ Property Code 7462		perty Name AN 28-6 UNIT	*Well Number			
YOGRID No. 14538	* Elevation 6402*					
	¹⁰ Surf	ace Location				

Township Range Lot Idn Feet from the North/South line Peet from the East/West line County 1867' 27N **6W** SOUTH 2059 RIO ARRIBA WEST

¹¹ Bottom Hole Location If Different From Surface UL or lot no. Section Township Feet from the North/South line Feet from the East/West line Range County 18 Dedicated Acres I Joint or Infill 14 Consolidation Code Order No. 320.0 Acres - (W/2)

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

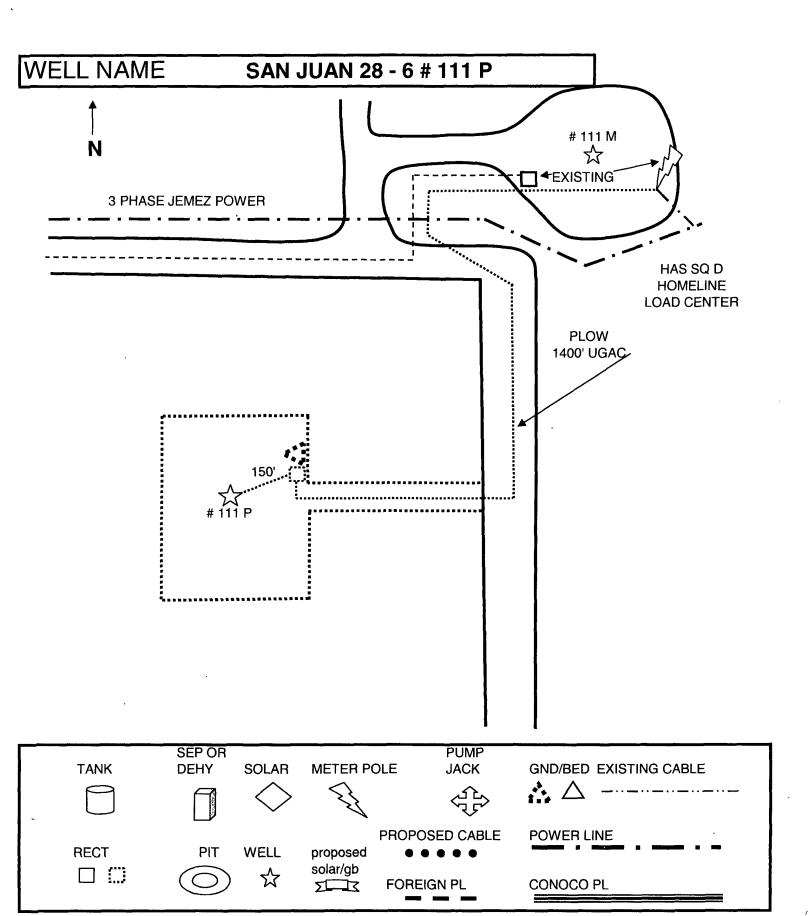


COMPANY	BURLIN	NGTON	RESOU	RCES		
Charge Code	WAN.R	FE.PD0	8.62			_
WELL NAME	SAN JU/	AN 28 - 6	# 111 P		5/29/2008	
DUAL WELL	WELL NA	ME				
TRIPLE WELL	WELL NA	ME				
COORDINATES	SEC K 15	TNSHP 27 N	RANGE 6 W	LATITUDE 36.57227 N		LONGITUDE
					J	
COUNTY	RIO ARRIE	ЗА				
	SIZE	NEEDED	EVICTING	1 PHASE 3 PHASE	1	
RECTIFIER	30/12	X	LXIOTIVG	TTTACE STITACE	l	
SOLAR						
GROUND BED		Х				
240 V METER POLE						
480 V METER POLE						
<u>D C CABLES</u>	# 8	200'		,		
A C CABLES	# 8	1500'			•	
PRIMARY POWER				JEMEZ		
DISTANCE TO POWER				1200 FT		
UNDERGROUND		L				
PUMPJACK						
WATER PUMP						

,* ·

COMMENTS	INSTALL HOME LINE BKR - PLOW UGAC (1400 FT) TO LOC - INSTALL RECTIFIER
	SYSTEM - SAND & SOME SANDSTONE -
<u></u>	

}





PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 111P

DEVELOPMENT

Lease:					A	FE #:WA	N.CDR.	8060		AFE \$:
Field Name: hBR	_SAN JU	AN		Rig: A	ztec Rig 673			State: NM	County: RIO ARRIBA	API #:
Geologist:				Phone			Geoph	ysicist:		hone:
Geoscientist:				Phone	•			Engineer:	P	hone:
Res. Engineer: M	cKee. Co	rv]	eg annequation	Phone	: +1 505-326	-9826		ield Lead:	_	hone:
Primary Object										
Zone	Zone Na	ame			,					
FRR	BASIN D	AKOT	A (PRORATE	D GAS	5)					
RON	BLANCO	MES	AVERDE (PR	ORATE	D GAS)					
Location: Surfa	e - , , ,		Datum Cod	de: NA	D 27					
Latitude: 36.5722	261 L	ongitu	ide: -107.45	5766	X:		Y:		Section: 15	Range: 006W
Footage X: 2059	FWL F	ootag	e Y: 1867 FS	SL	Elevation: 64	02	(FT)	Township: 027	N	
Tolerance:										
Location Type: Re	estricted			Start C	Date (Est.): 1/	1/2009	Con	npletion Date:	Date In O	peration:
Formation Data:	Assume	e KB =	: 6416 l	Jnits =	FT					
Formation Call &			Depth	SS	Depletion	ВНР	ВНТ		Remarks	
Casing Points			(TVD in Ft)	(Ft)	(Yes/No)	(PSIG)	Dill			
Surface Casing			320	6096	Ц			320' 8 5/8" Circulate ceme	24 ppf, J-55, STC casing. ent to surface.	Cement with 312 cuft.
OJO ALAMO			2362	4054						
KIRTLAND			2532	3884						
FRUITLAND			2724	3692				Possible Gas		
PICTURED CLIFFS			3089	3327						
LEWIS			3195	3221						
HUERFANITO BEN	TONITE		3607	2809						
CHACRA			4060	2356						
UPPER CLIFF HOUS	SE		4668	1748				Est. Top Perf	4670	
MENEFEE			4892	1524						
POINT LOOKOUT			5316	1100		570		GAS		
MANCOS			5739	677						
UPPER GALLUP			6407	9						
GREENHORN			7226	-810						
GRANEROS			7290	-874						
TWO WELLS			7325	-909		2700		Gas		
PAGUATE			7410	-994						
CUBERO			7438	-1022						
LOWER CUBERO			7474	-1058						
ENCINAL			7563	-1147						
TOP SET TD			7583	-1167				TD - Top Set f		
BURRO CANYON			7626	-1210	_			Est. Btm Perf	- 7709 based on SJ 28-6 2	209M Btm Perfs
MORRISON			7721	-1305	_					
Total Depth			7761	-1345				7 7/8" hole, 4 2282 cuft. Circ	-1/2" 11.6 ppf, N-80 LTC culate cement to surface.	casing. Cement with
Reference Well	S:		A 40 1 2 1							
Reference Type		me		20-100	Comments	M. OTHER PROPERTY.		The second secon	The second secon	The state of the s

27N-6W15 SW SW

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SJ 28-6 111

Production



PROJECT PROPOSAL - New Drill / Sidetrack

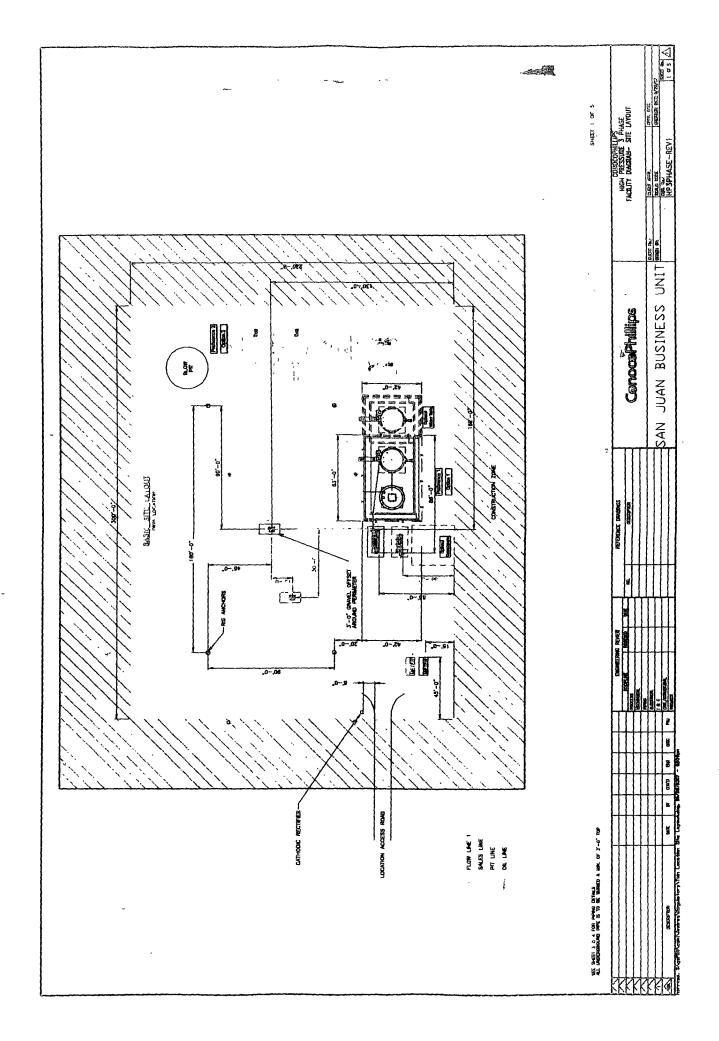
San Juan Business Unit

SAN JUAN 28-6 UNIT 111P

DEVELOPMENT

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks				
Additional Info	rmation:								
		100' above Greenho	orn to TD - mudlo	gger will call TD					
	Cased Hole GI	R / CBL							
TD Logs:	Triple Com	nbo Dipmeter	RFT Sc	nic VSP TDT 🗹 O	ther				
Thermediace E	ogs: Loq only if	show [_] GR/ILD	☐ Triple Com	bo					
Logging Prog	ıram:								
Production	SJ 28-6 111M		27N-6W15 SW SE NW						
Production	SJ 28-6 209M		27N-6W15 SW NE SE						
Production	SJ 28-6 6	28-6 6 27N-6W15 SE NW SW							

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BURLINGTON RESOURCES O&G CO LP

SAN JUAN 28-6 UNIT #111 P 1867' FSL & 2059' FWL LOCATED IN THE NE/4 SW/4 OF SECTION 15, T27N, R6W, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM BLANCO, NM, 28 MILES EAST ON HWY 64 AT MP 101.1, GO SOUTH ON AMERICAN GENERAL RD FOR 1 1 MILES.
- 2) STAY TO RIGHT & CONTINUE FOR 4 4 MILES.
- 3) TURN RIGHT & GO 4.2 MILES TO "T" INTERSECTION.
- 4) CONTINUE AHEAD FOR 0.2 MILES & ACROSS CEREZA WASH.
- 5) CONTINUE SOUTHERLY FOR 1.8 MILES.
- 6) TURN RIGHT, UP HILL FOR 0.3 MILES TO LOCATION, WELL FLAG IS ON LEFT SIDE OF ROAD.

WELL FLAG LOCATED AT LAT. 36.57227°N, LONG.107.45637°W (NAD 83).

RS

Russell Surveying 1409 W. Aztec Blvd. #2 Aztec, New Mexico 87410 (505) 334-8637