

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD JAN 12 '09
OIL CONS. DIV.

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number I-149-IND-8464 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe Navajo Nation
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Bunny ET AL 9. Well Number #1N
4. Location of Well Surf: Unit N(SESW), 890' FSL & 1960' FWL Surf: Latitude 36.58499° N Longitude 107.77816° W	10. Field, Pool, Wildcat Basin Dakota/Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) N Sec. 10, T27N, R9W API # 30-045-34608
14. Distance in Miles from Nearest Town 15.8 mile/Blanco	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 890'	
16. Acres in Lease 320.0	17. Acres Assigned to Well 320 acres S/2 (MV/DK)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 624' Four-Star Nellie Plats #8	
19. Proposed Depth 6746'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6121' GR	22. Approx. Date Work will Start 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 2/21/08 Date
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Crystal Walker</u> Crystal Walker (Regulatory Technician)	

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 1/7/09

Archaeological 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 Bond Numbers NMB-000015 and NMB-000089

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

NMOCD

JAN 14 2009

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

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

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

FEB 21 2008

☐ AMENDED REPORT

Bureau of Land Management
Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34608	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde/ Basin Dakota
⁴ Property Code 6869	⁵ Property Name BUNNY ET AL	⁶ Well Number 1N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6121

¹⁰ Surface Location

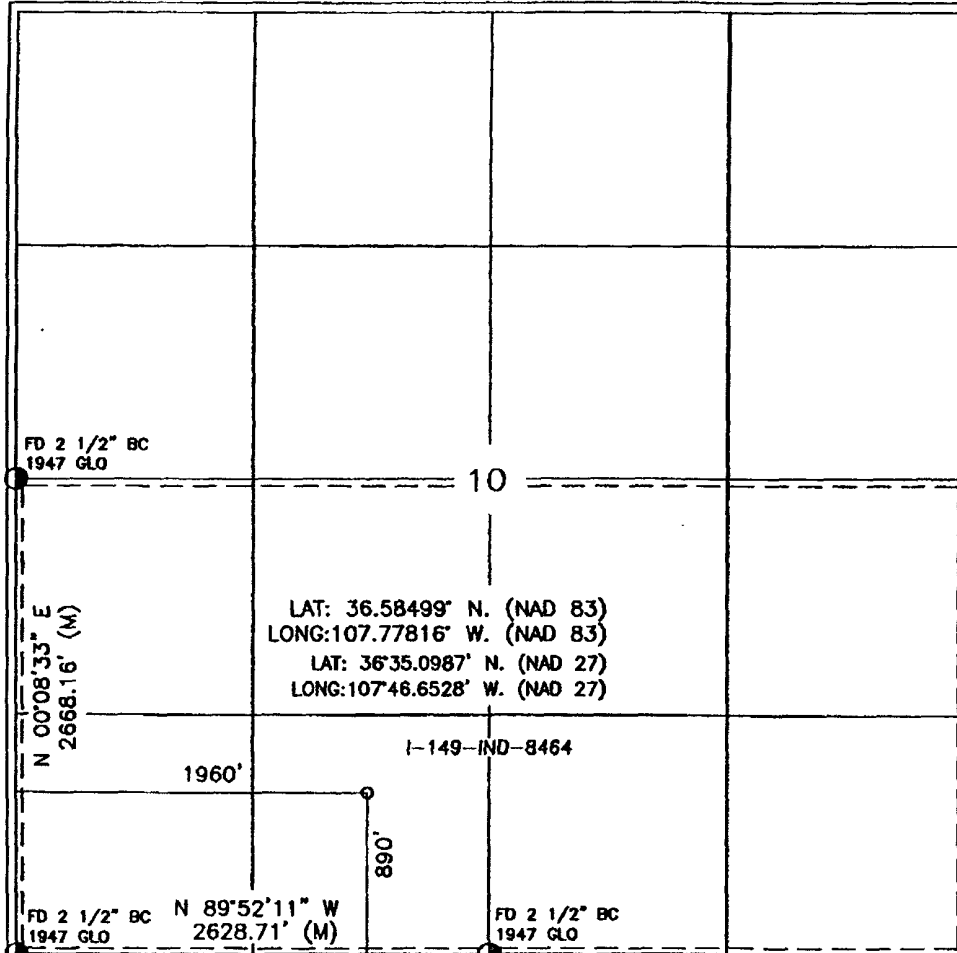
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	10	27-N	9-W		890	SOUTH	1960	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N									
¹² Dedicated Acres 320 Acres (S/2) (MV/DK)		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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

16



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 undivided 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.

Crystal Walker 2/21/08
Signature Date
Crystal Walker 2-21-08
Printed Name

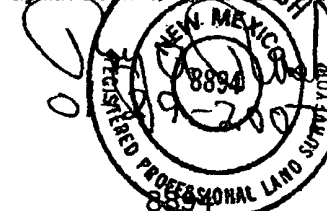
18 SURVEYOR CERTIFICATION

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.

JANUARY 19, 2007

Date of Survey

Signature and Seal of Registered Professional Land Surveyor



Certificate Number

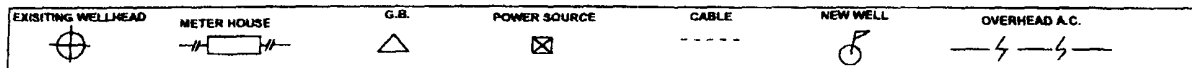
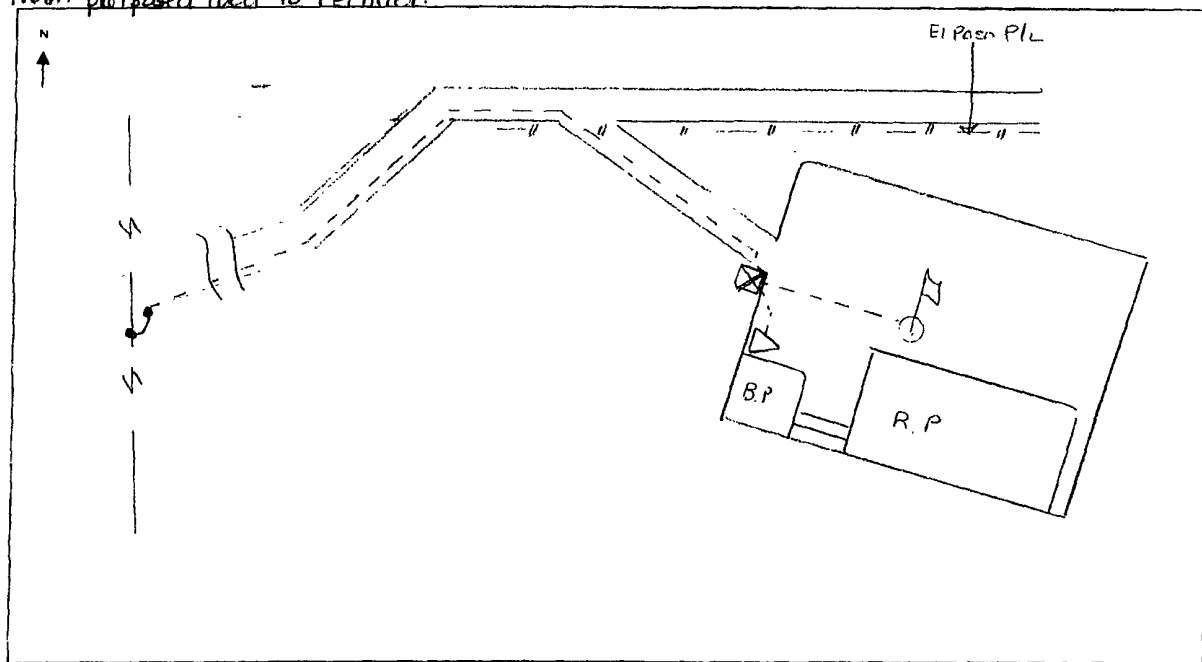


TECHNICAL SERVICES
& CORROSION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Bunny ET AL #1N LEGALS N-10-27-9 COUNTY San Juan

PURPOSED C.P. SYSYTEM: Drill G.B. on west edge of location. Set rectifier on outer west edge (south side of access road). Trench 75' of positive from GB to rectifier. Set HP off existing span pole and trench approx 1500' of A/C from HP to rectifier. Trench approx 175' of #8 neg. from proposed well to rectifier.



COMMENTS: _____

NEAREST POWER SOURCE Overhead A/C DISTANCE: 2000'

PIPELINES IN AREA: El Paso P/L

TECHNICIAN: Michelle Hingose DATE: 5/17/07

6 CR 5412 BLOOMFIELD, N.M. 87413
OFFICE: 505-634-0271 CELL: 505-793-6953

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

BUNNY ET AL 1N

DEVELOPMENT

Lease:		AFE #: WAN.ZA2.7967D/7968M				AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Bearcat Rig 4		State: NM	County: SAN JUAN		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Head, Chip F		Phone: 505-326-9772		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
R20002	MESAVERDE(R20002)						
R20076	DAKOTA(R20076)						
Location: Surface Datum Code: NAD 27							
Latitude: 36.585073		Longitude: -107.777580		X:	Y:	Section: 10	Range: 009W
Footage X: 1960 FWL		Footage Y: 890 FSL		Elevation: 6119 (FT)		Township: 027N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6131 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
SURFACE CSG	320	5811	☐			12-1/4" hole. 8-5/8" 24 ppf, J-55, STC casing. Cement with 319 cuft. Circulate cement to surface.	
OJO ALAMO	1213	4918	☐				
KIRTLAND	1321	4810	☐				
FRUITLAND	1924	4207	☐				
PICTURED CLIFFS	2126	4005	☐				
LEWIS	2263	3868	☐				
HUERFANITO BENTONITE	2624	3507	☐				
CHACRA	3043	3088	☐				
MASSIVE CLIFF HOUSE	3701	2430	☐				
MENEFEE	3804	2327	☐				
MASSIVE POINT LOOKOUT	4419	1712	☐	550			
MANCOS	4781	1350	☐				
UPPER GALLUP	5613	518	☐				
GREENHORN	6403	-272	☐	1800			
GRANEROS	6459	-328	☐				
TWO WELLS	6506	-375	☐				
PAGUATE	6577	-446	☐				
UPPER CUBERO	6633	-502	☐				
LOWER CUBERO	6648	-517	☐				
ENCINAL	6702	-571	☐				
Total Depth	6746	-615	☐			7-7/8" hole. 4-1/2", 11.6 ppf, L-80, LTC casing. Cement with 2011 cuft. Circulate cement to surface.	
Reference Wells:							
Reference Type	Well Name		Comments				

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

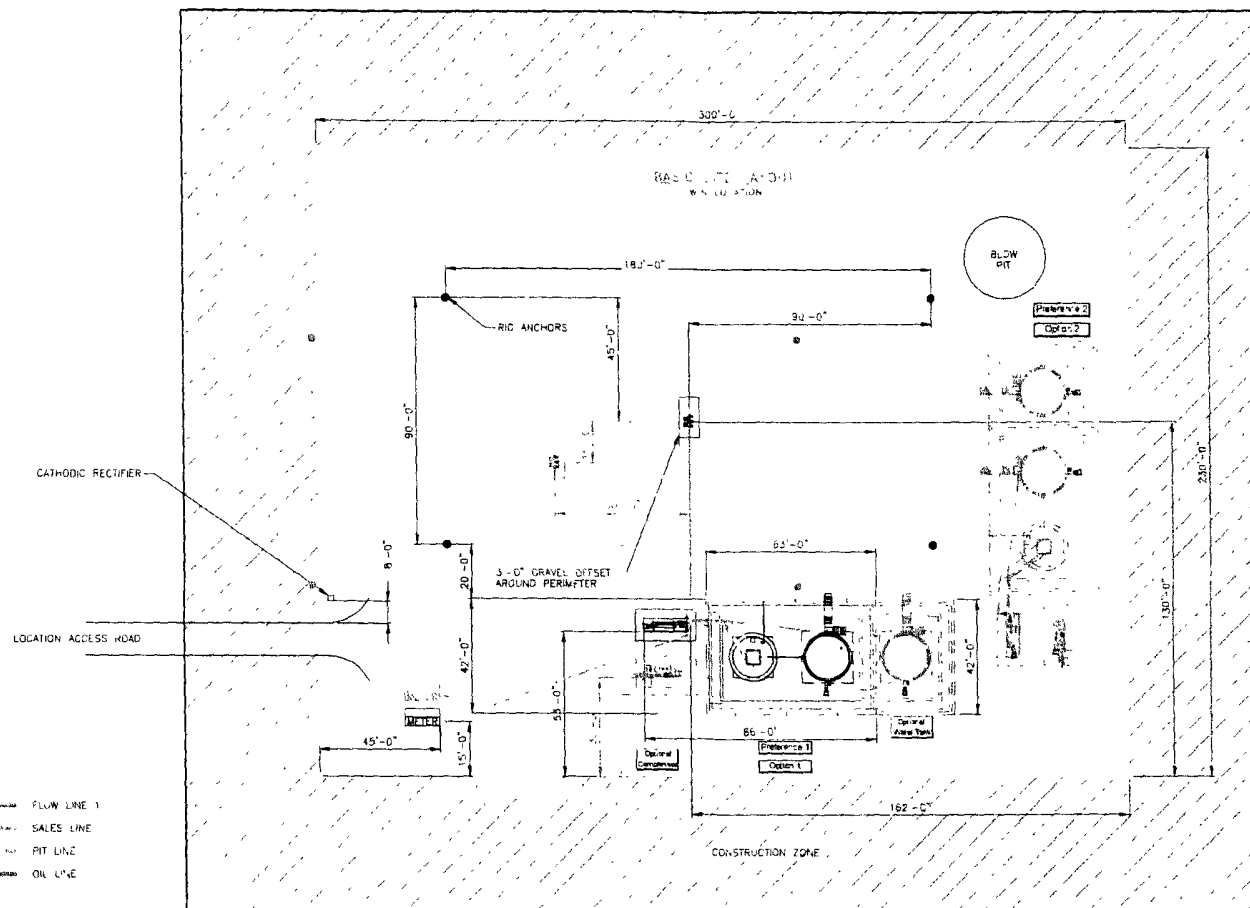
BUNNY ET AL 1N

DEVELOPMENT

Logging Program:			
Intermediate Logs:	☐ Log only if show	☐ GR/ILD	☐ Triple Combo

TD Logs:	☐ Triple Combo	☐ Dipmeter	☐ RFT	☐ Sonic	☐ VSP	☐ TDT	☒ Other
GR/CBL							

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks



FLOW LINE 1
 SALES LINE
 PIT LINE
 OIL LINE

SEE SHEET 2 & 4 FOR PIPING DETAILS
 ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 2'-0" TO 4'-0"

SHEET 1 OF 5

										ENGINEERING REVIEW		REFERENCE DRAWINGS		CONOCOPhillips		HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT		
										DISCIPLINE	REVIEWED	DATE	NO.	DESCRIPTION				
										PROCESS								
										MECHANICAL								
										PIPELINE								
										ELECTRICAL								
										P & I								
										CONSTRUCTION								
										PROJECT								
DESIGNATION	DATE	BY	CHK'D	ENG	TRK	PR.					SAN JUAN BUSINESS UNIT		C.D. NO.	SCALE	DATE	BY		
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Project: S:\3\PRD\San Juan Business Unit\San Juan Location Site Layout.dwg 06/28/2007 - 02:39pm

HP3PHASE-REV1
 1 of 5

**Directions from the Post Office
In BLANCO, NM to**

Burlington Resources Oil & Gas Company LP BUNNY ET AL No. 1N

890' FSL & 1960' FWL, Section 10, T-27-N, R-9-W, N.M.P.M., San Juan County, New Mexico

From the Post Office in Blanco, NM

Travel east on Hwy 64 and go 1.4 miles.

Turn right on CR 4450 (Largo Canyon Road) and go southeasterly 3.6 miles.

Take fork to the right and go 0.6 miles, crossing bridge.

Stay to the left on CR 4450 and continue southeasterly 2.9 miles.

Turn right on CR 7007 and go southwesterly 5.1 miles.

Turn right on CR7225 (NCM) and go westerly 2.1 miles to new access on left.

New access continues southwesterly 219'.