

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

MAR 13 2009

1a. Type of Work DRILL	5. Lease Number I-149-IND-8465 Bureau of Land Management Unit Reporting Number Farmington Field Office
1b. Type of Well GAS	6. If Indian, All. or Tribe Navajo Allotted
2. Operator <b>BURLINGTON</b> RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name RCVD DEC 22 '09 OIL CONS. DIV. DIST. 3
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name Charles ET AL 9. Well Number 2F
4. Location of Well Surf: Unit B (NWNE), 660' FNL & 2095' FEL  Surf: Latitude: 36.59534 N (NAD 83) Longitude: 107.73808 W	10. Field, Pool, Wildcat Basin Dakota  11. Sec., Twn, Rge, Mer. (NMPM) B Sec. 12, T27N, R9W  API # 30-045- 34928
14. Distance in Miles from Nearest Town 13 miles/Blanco	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 660'	
16. Acres in Lease	17. Acres Assigned to Well DK 320.00 (N/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 460' from Fourstar Charley Pah 2 (PC)	
19. Proposed Depth 6606'	20. Rotary or Cable Tools BLM'S APPROVAL AND ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS
21. Elevations (DF, FT, GR, Etc.) 5905' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT Date <u>12/21/09</u>

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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 4

Bond Numbers NMB-000015 and NMB-000089

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

NMOCD

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

JAN 04 2010

District I  
4525 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

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

Form C-102

Revised October 12, 2005

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

RECEIVED

MAR 13 2003

Bureau of Land Management  
Farmington Field Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- <b>34928</b>	*Pool Code 71599	*Pool Name BASIN DAKOTA
*Property Code 6906	*Property Name CHARLES ET AL	*Well Number 2F
*OGRID No 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	*Elevation 5905'

<sup>10</sup> Surface Location

UL or lot no B	Section 12	Township 27N	Range 9W	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 2095	East/West line EAST	County SAN JUAN
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no B	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 320.0 Acres - N/2	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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

<sup>16</sup> 2621.52' LAT: 36.59534°N LONG: 107.73808°W DATUM: NAD83 2622.18' LEASE NAVAJO I-149-IND-8465 2668.38'	555'	660'	2649.90'	2095'	2603.70'
12			2000'		
5311.02'			2683.56'		

<sup>17</sup> 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.

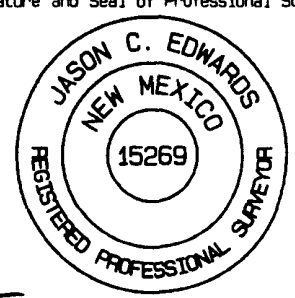
*Sasha Spangler* 11-26-07  
Signature Date  
'Sasha SPangler  
Printed Name

<sup>18</sup> 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

Survey Date: OCTOBER 22, 2007

Signature and Seal of Professional Surveyor

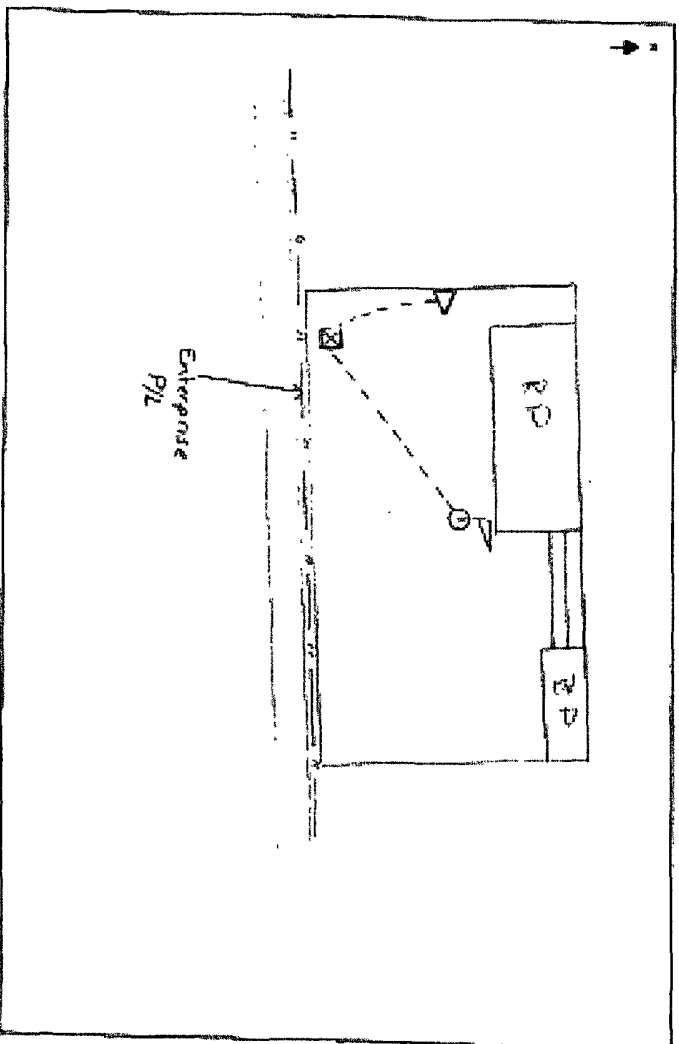
  
**JASON C. EDWARDS**  
Certificate Number 15269



# CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME: Chondas, Et Al # 2 E LEGALS: B. 12 27.4 COUNTY San Joaquin

PURPOSED C.P. SYSTEM: Well AB and set a four well solar @ SW corner  
near access road trench approx 20' at # 24 approx 1 mile from  
wellhead to solar.



SACRIFICIAL ANODE	RECTIFIER/DRIVER	PIPELINE	WELL	SOLAR PANEL	GROUNDING ROD
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COMMENTS:

NEAREST POWER SOURCE: N/A DISTANCE: N/A

PIPELINES IN AREA: Entrance

TECHNICIAN: Wesley H. Haggard DATE: 10/7/12

6 CR 5412 BLOOMFIELD, N.M. 87413  
 OFFICE: 505-634-0271 CELL: 505-783-6863

RECEIVED

APR 02 2009

ConocoPhillips

## PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

CHARLES ET AL 2F

Bureau of Land Management  
Farmington Field Office

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7242		AFE \$: 994,768.82	
Field Name: hBR_SAN JUAN		Rig: XXX Deferred Regulatory		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	Phone:
Geoscientist:		Phone:		Prod. Engineer:	Phone:
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:	Phone:
<b>Primary Objective (Zones):</b>					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
<b>Location: Surface</b>					
Datum Code: NAD 27		<b>Straight Hole</b>			
Latitude: 36.595332	Longitude: -107.737466	X:	Y:	Section: 12	Range: 009W
Footage X: 2095 FEL	Footage Y: 660 FNL	Elevation: 5905	(FT)	Township: 027N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2020		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 5917 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	320	5597	<input type="checkbox"/>		
12-1/4" OH, 320' 8 5/8" 24 ppf, J-55, STC casing. Cement with 312 cuft. Circulate cement to surface.					
OJO ALAMO	1097	4820	<input type="checkbox"/>		
KIRTLAND	1157	4760	<input type="checkbox"/>		
FRUITLAND	1707	4210	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	2010	3907	<input type="checkbox"/>		
LEWIS	2105	3812	<input type="checkbox"/>		
HUERFANITO BENTONITE	2527	3390	<input type="checkbox"/>		
CHACRA	2930	2987	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	3595	2322	<input type="checkbox"/>		
MENEFEE	3679	2238	<input type="checkbox"/>		
MASSIVE POINT LOOKOUT	4319	1598	<input type="checkbox"/>		GAS
MANCOS	4613	1304	<input type="checkbox"/>		
UPPER GALLUP	5469	448	<input type="checkbox"/>		
GREENHORN	6246	-329	<input type="checkbox"/>		
GRANEROS	6306	-389	<input type="checkbox"/>		
TWO WELLS	6365	-448	<input type="checkbox"/>	1900	Gas
PAGUATE	6419	-502	<input type="checkbox"/>		
CUBERO	6474	-557	<input type="checkbox"/>		
ENCINAL	6555	-638	<input type="checkbox"/>		
TOTAL DEPTH DK	6606	-689	<input type="checkbox"/>		
TD 40' below T/MRSN. 6-1/4" Hole. 4-1/2", 11.6 ppf, N-80 LTC casing. Cement with 1009 cuft. Circulate cement to surface.					
<b>Reference Wells:</b>					
Reference Type	Well Name	Comments			

**PROJECT PROPOSAL - New Drill / Sidetrack**

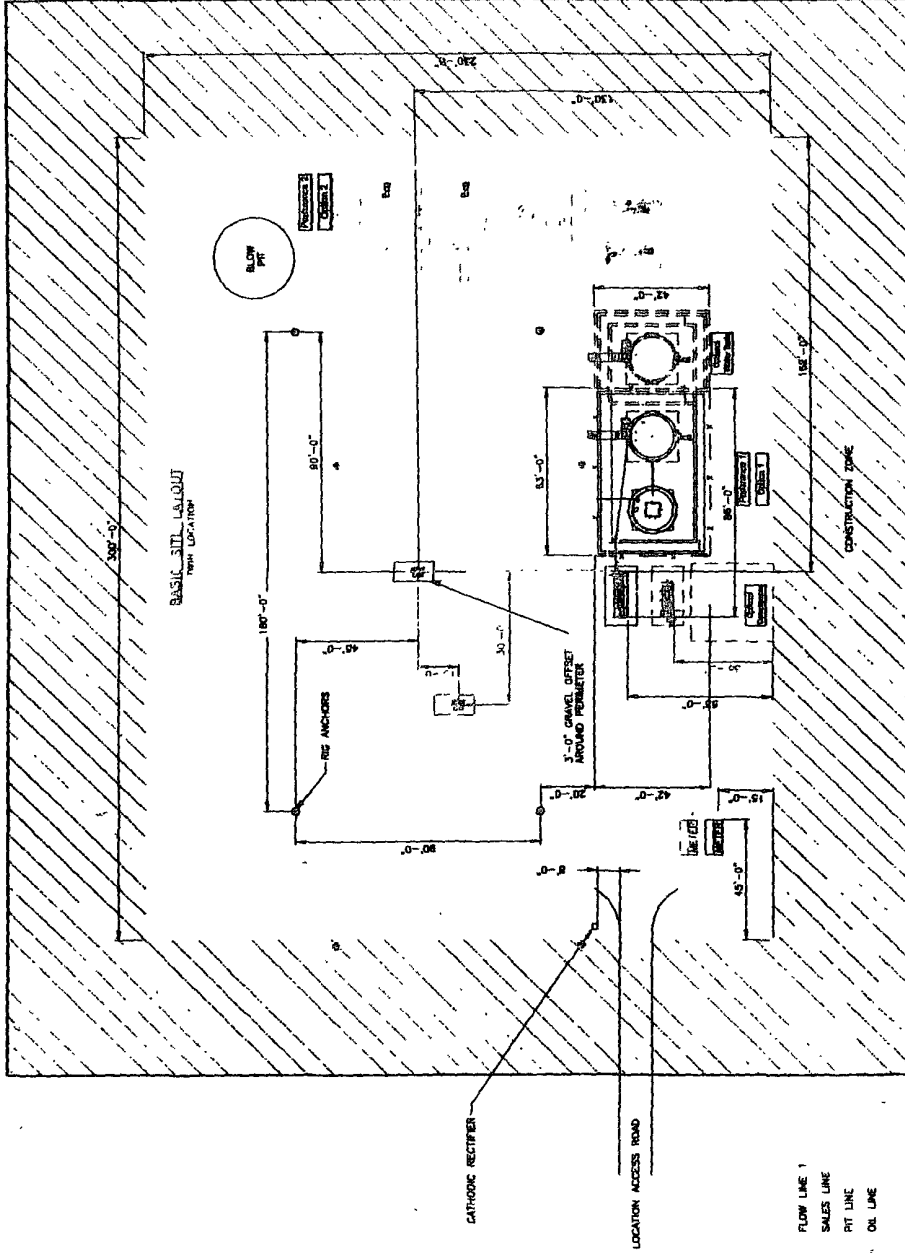
CHARLES ET AL 2F

DEVELOPMENT

<b>Logging Program:</b>	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

TD Logs:	<input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other
Est bottom perf ~15' above TD.	

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



SHEET 1 OF 2

CONOCO PHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT									
SAN JUAN BUSINESS UNIT									
HP 3PHASE-REV1									
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CHECKED BY: [blank]									
APPROVED BY: [blank]									
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**Directions from Intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM**

**to Burlington Resources Oil & Gas Company Charles Et Al #2F**

**660' FNL & 2095' FEL, Section 12, T27N, R9W, San Juan County, NM**

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Easterly on US Hwy 64 for 10.5 miles across the San Juan River to Largo Road (County Road #4450);

Go right (South-easterly) on Largo Road (County Road #4450) for 3.7 miles to fork in road;

Go right (South-easterly) remaining on Largo Road (County Road #4450) across 5-mile bridge for 0.6 miles to fork in road;

Go left which is straight (South-easterly) remaining on Largo Road (County Road #4450) for 2.9 miles to fork in road;

Go right (South-westerly) on County Road #7007 for 4.7 miles to fork in road;

Go left (Southerly) exiting County Road #7007 for 0.1 miles to fork in road;

Go left (South-easterly) for 0.1 miles to staked location on left-hand side which overlaps the existing roadway.