

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 16 2008

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF - 080673 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name San Juan 27-4 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number #95N	
4. Location of Well Surface - Unit B (NWNE), 230' FEL & 2280' FEL, FNL Latitude 36.0594308 N. Longitude 107.272997 W.	10. Field, Pool, Wildcat Basin DK / Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) B Sec. 8, T27N, R4W API # 30-039-30521	
14. Distance in Miles from Nearest Town 52.7 Miles/Bllomfield, NM	12. County Rio Arriba,	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 230'		
16. Acres in Lease 2561' Acres	17. Acres Assigned to Well MV/DK - 320 252 5/8	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1450' from SJ 27-4 #125		
19. Proposed Depth 8179' <small>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4</small>	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6860' GL	22. Approx. Date Work will Start <small>DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".</small>	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin Regulatory Technician	<u>4/14/08</u> Date	

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

NOV 18 2008

NMOC

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

RECEIVED

APR 1 2008
Bureau of Land Management
Farmington Field Office

Form C-102

Revised October 12, 2005

(Submit to Appropriate District Office)

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30521	² Pool Code 72319/71599	³ Pool Name (Blanco MESAVERDE) (Basin DAKOTA)
⁴ Property Code 7452	⁵ Property Name SAN JUAN 27-4 UNIT	
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY	
		⁶ Well Number 95N
		⁹ Elevation 6860

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
B	8	27-N	4-W		NORTH	230	EAST	2280	RIO ARriba

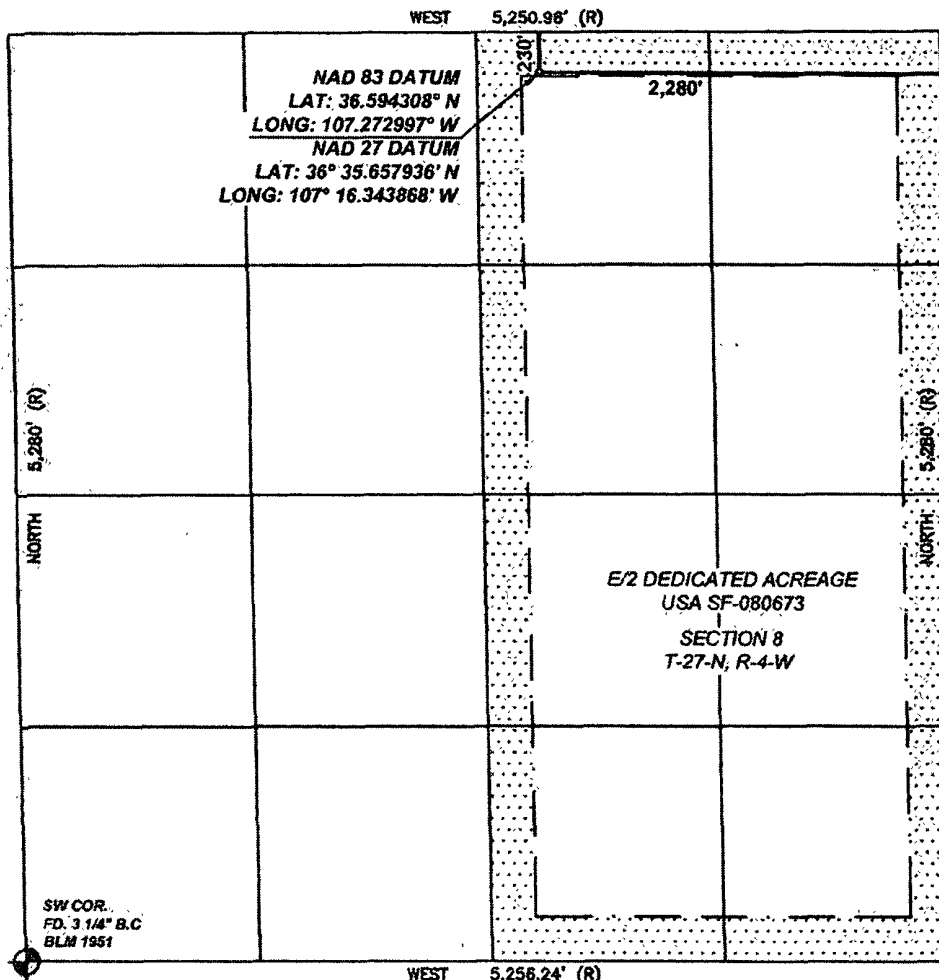
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B									

¹² Dedicated Acres 320.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

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 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
Signature

Sasha Spangler
Printed Name

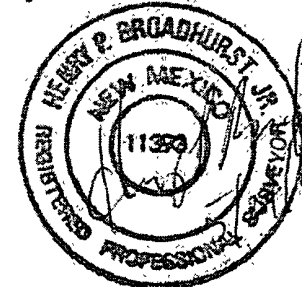
Regulatory Technician
Title and E-mail Address

02-04-08
Date

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.

Date of Survey: 11/13/08
Signature and Seal of Professional Surveyor



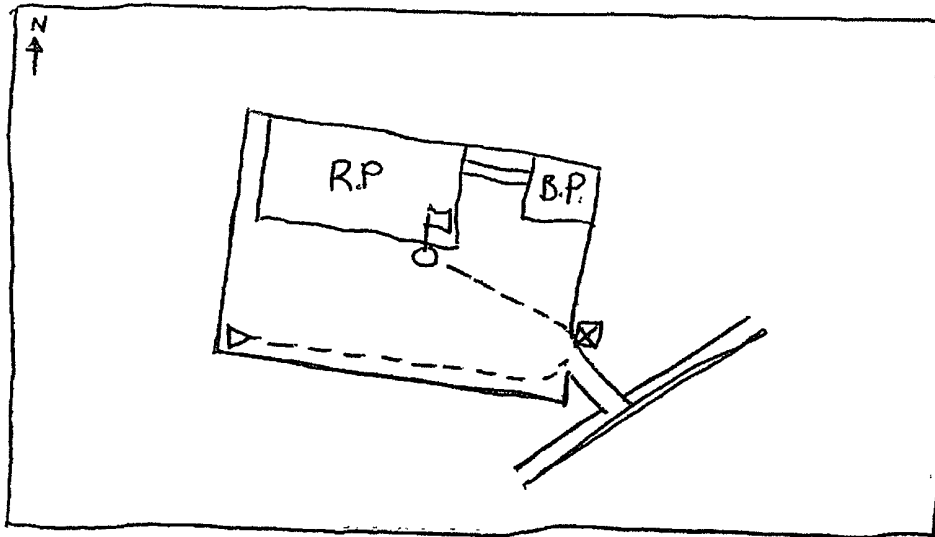
Certificate Number: NM 11393



CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL TOTAL: 527-4 # 95N LEGALS A 8-27-4 COUNTY Rio Arriba

PROPOSED CATHODIC PROTECTION SYSTEM: Drill 6 Bon Su corner location and solar SE edge of location Keren. 500' of positive well head to solar to Solar Trench approx 200' of #8 neg cable from



EXISTING WELLHEAD	METER HOUSE	G.B.	POWER SOURCE	CABLE	NEW WELL	OVERHEAD A.C.

COMMENTS:

NEAREST POWER SOURCE N/A

DISTANCE:

PIPELINES IN AREA:

TECHNICIAN: Michael H. Hargis

DATE: 10/19/07

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

Handwritten signature

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 27-4 UNIT 95N

DEVELOPMENT

Lease:		AFE #: WAN.ZA2.7186		AFE \$:	
Field Name: hBR_SAN JUAN 27-4 UNIT		Rig: XXX Deferred PDT		State: NM	County: RIO ARRIBA
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		Section: 08		Range: 004W
Latitude: 36.594299	Longitude: -107.272398	X:	Y:	Footage X: 2280 FEL		Footage Y: 230 FNL
Footage X: 2280 FEL		Footage Y: 230 FNL		Elevation: 6860 (FT)	Township: 027N	
Tolerance:						
Location Type: Restricted		Start Date (Est.): 1/1/2020		Completion Date:		Date In Operation:
Formation Data: Assume KB = 6876 Units = FT						

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	216	6660	<input type="checkbox"/>			12-1/4" hole. 9-5/8", 32.3 ppf, H-40, STC casing. Cement with 171 cu ft. Circulate cement to surface.
OJAM	3148	3728	<input type="checkbox"/>			
KRLD	3296	3580	<input type="checkbox"/>			
FRLD	3395	3481	<input type="checkbox"/>			Possible Gas
PCCF	3722	3154	<input type="checkbox"/>			
LEWS	3842	3034	<input type="checkbox"/>			
Intermediate Casing	3942	2934	<input type="checkbox"/>			8-3/4" hole. 7", 20 ppf, J-55, STC Casing. Cement with 887 cu ft. Circulate cement to surface.
CHRA	4687	2189	<input type="checkbox"/>			
UCLFH	5286	1590	<input type="checkbox"/>			Gas
MASSIVE CLIFF HOUSE	5486	1390	<input type="checkbox"/>	776		Gas
MENF	5556	1320	<input type="checkbox"/>			
PTLK	5878	998	<input type="checkbox"/>			
MNCS	6429	447	<input type="checkbox"/>			
GLLP	7058	-182	<input type="checkbox"/>			
GRHN	7834	-958	<input type="checkbox"/>			
GRRS	7900	-1024	<input type="checkbox"/>			
TWLS	7944	-1068	<input type="checkbox"/>	1300		Gas
PAGU	8025	-1149	<input type="checkbox"/>			
CBRO	8051	-1175	<input type="checkbox"/>			
CBRL	8096	-1220	<input type="checkbox"/>			
OAK CANYON	8153	-1277	<input type="checkbox"/>			
ENCINAL	8179	-1303	<input type="checkbox"/>			TD T/ENCN
Total Depth	8179	-1303	<input type="checkbox"/>			6-1/4" hole. 4-1/2", 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 577 cu ft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 27-4 UNIT 95N

DEVELOPMENT

Production	27-4 39	SW 5-27N-4W
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Logging Program:

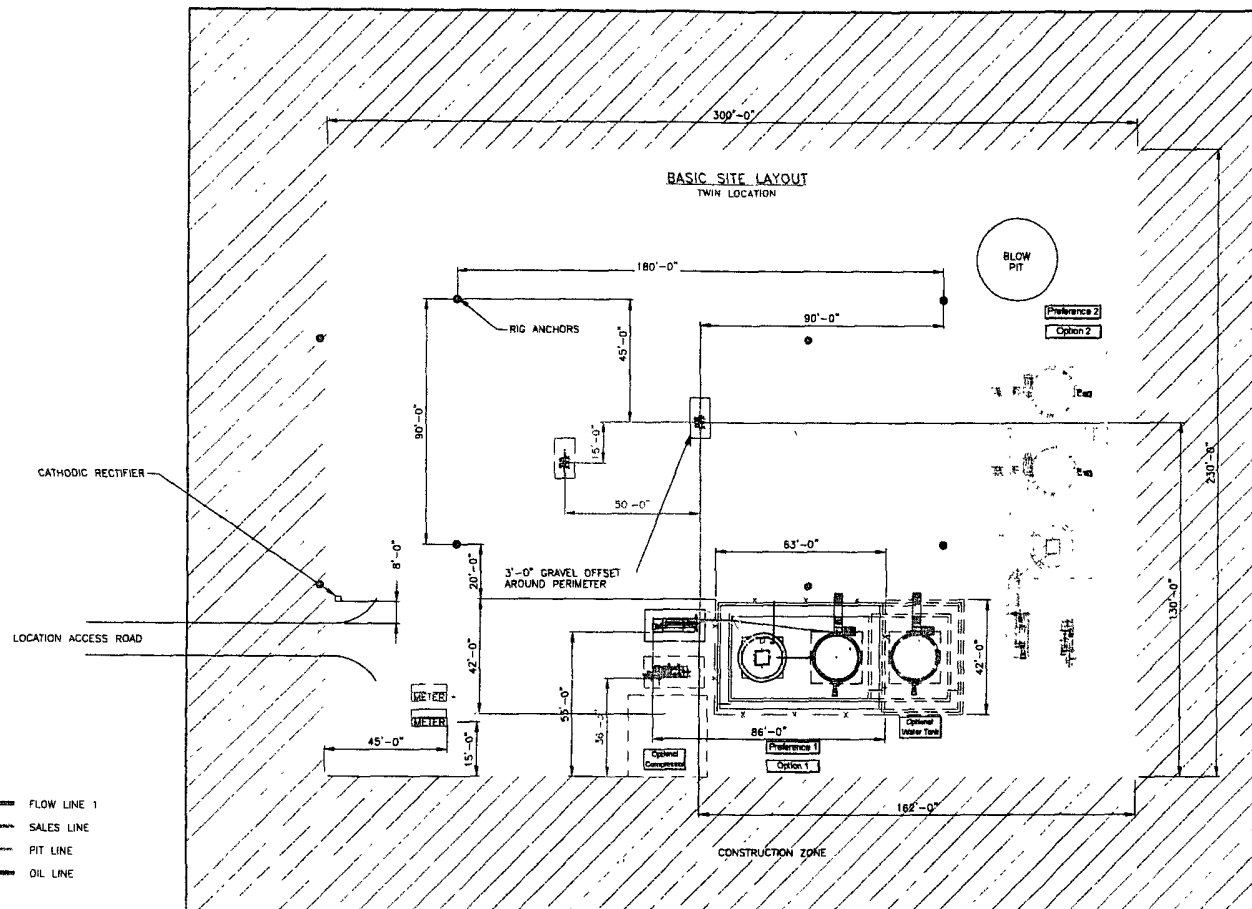
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

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
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SEE SHEET 3 & 4 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS		<div>CONOCOPhillips</div> <div>HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT</div>				
										DISCIPLINE	REVIEWED	DATE	NO	DESCRIPTION					
										PROCESS						<div>SAN JUAN BUSINESS UNIT</div>			
										MECHANICAL									
										PIPE									
										ELECTRICAL									
										I & C									
										CIVIL/STRUCTURAL									
																CLIENT No.	CLIENT APPR	APPR. DATE	
																DRAWN BY	SCALE: NONE	CREATION DATE: 6/20/07	
DESCRIPTION										DATE	BY	CHK'D	ENG	OSC	PRJ	DWC No. HP3PHASE-REV1			SHEET No. 1 OF 5

Filename: S:\gas\RD\N\N\Regulatory\Twin Location Site Layout.dwg, 06/28/2007 - 02:59pm

BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 27-4 UNIT #95N

230' FNL, 2280' FEL

SECTION 8, T-27-N, R-4-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

NAD 83 LAT.: 36.594308°N LONG.: 107.272997°W

ELEV. 6860 NAVD88

NEW ACCESS ROAD 18'

DRIVING DIRECTIONS TO BROG SAN JUAN 27-4 UNIT #95N, FROM BLOOMFIELD, N.M. AND INTERSECTION HWY 550 AND HWY 64:

- TRAVEL EAST ON HWY. 64 FOR 36.4 MILES, TO MILE POST 101.1
- TURN RIGHT BY GOBERNADOR SCHOOL AND TRAVEL SOUTH ON CR 366
- AT 1.0 MILES, Y IN ROAD, STAY RIGHT ON AMERICAN GENERAL ROAD,
- AT 1.3 MILES, CROSS CATTLE GUARD
- AT 3.4 MILES, CROSS CATTLE GUARD
- AT 4.4 MILES, ROAD INTERSECTION, STAY STRAIGHT AHEAD
- AT 5.4 MILES, CROSS WASH AND CONTINUE PAST TWIN PEAKS SIGN
- AT 7.1 MILES, CROSS CATTLE GUARD
- AT 8.3 MILES, Y IN ROAD, STAY LEFT, PASS SPEED SIGN
- AT 9.5 MILES, Y IN ROAD, STAY LEFT
- AT 10.5 MILES, CROSS CATTLE GUARD
- AT 11.3 MILES, PASS SPEED SIGN
- AT 11.8 MILES, CROSS CATTLE GUARD
- AT 14.7 MILES, PASS "44 CROSSING WATER HOLE" CONTINUE ON FOREST ROAD 357.
- AT 15.2 MILES, CROSS UNDER POWER LINES
- AT 15.3 MILES, CROSS WASH
- AT 15.4 MILES, SHARP RIGHT OFF FR 357 AND ONTO 357V BEG UP HILL GRADE
- AT 15.55 MILES, RIGHT SIDE ROAD 357V, ENTER WELL PAD AT PAD 3 15 FT. EAST OF LAYDOWN STAKE FOR SAN JUAN 27-4 UNIT #42F.