

RECEIVED

AUG 22 2008

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Bureau of Land Management Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED BY: [illegible]

1a. Type of Work DRILL
1b. Type of Well GAS
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700
4. Location of Well Surf: Unit K(NWSW), 1495' FSL & 1510' FWL NE Surf: Latitude 36.542921° N Longitude 107.743938° W
5. Lease Number I-149-IND-8473 Unit Reporting Number
6. If Indian, All. or Tribe Navajo Tribe Allotted
7. Unit Agreement Name Huerfanito Unit
8. Farm or Lease Name
9. Well Number #93S
10. Field, Pool, Wildcat Basin Fruitland Coal
11. Sec., Twn, Rge, Mer. (NMPM) K Sec. 25, T27N, R9W API # 30-045-34780
14. Distance in Miles from Nearest Town 8 miles/Counselors
12. County San Juan
13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1495'
16. Acres in Lease
17. Acres Assigned to Well 320.00 - W/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 810' from Huerfanito #46R
19. Proposed Depth 2312'
20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6244' GR
22. Approx. Date Work will Start 8/22/08
23. Proposed Casing and Cementing Program See Operations Plan attached
24. Authorized by: Crystal Tafoya (Regulatory Technician)

PERMIT NO. APPROVAL DATE APPROVED BY [Signature] TITLE AFEN DATE 10/28/08

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 2 Bond Numbers NMB-000015 and NMB-000089

NOV 07 2008 [Signature]

NMOCD [Signature]

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

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 7 Copies
Fee Lease - 3 Copies

AMMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34780		² Pool Code 71629		³ Pool Name BASIN FRUITLAND COAL	
⁴ Property Code 7138		⁵ Property Name HUERFANITO UNIT			⁶ Well Number 93S
⁷ OGRID No. 14538		⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP			⁹ Elevation 6244

¹⁰ SURFACE LOCATION

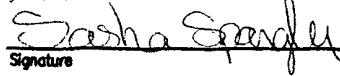

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	25	27-N	9-W		1495	SOUTH	1510	WEST	SAN JUAN

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
K									

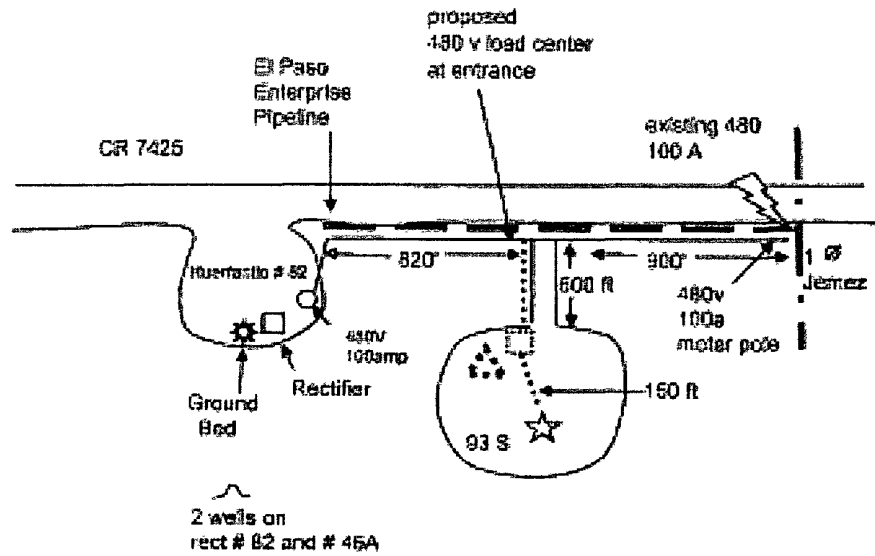
¹² Dedicated Acres 320.0W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 5287.6' (M) 5285.9' (R) W/2 DEDICATED ACREAGE NAVAJO I-149-IND-8473 SECTION 25, T-27-N, R-9-W WELL FLAG NAD 83 LAT: 36.542921° N LONG: 107.743938° W NAD 27 LAT: 36°32.574746' N LONG: 107°44.599530' W 1510' N 0°02'19" E N 0°03' E 1495' S 89°57' W S 89°54'18" W 2830.1' (R) 2830.4' (M)	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.  Signature Sasha Spangler Printed Name Regulatory Technician Title and E-mail Address 12-10-07 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: 10/16/07 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393	



Huerfanito Unit # 93 S



No pad yet

TANK	SEP OR DEHY	SOLAR	METER POLE	PUMP JACK	GNDBED	EXISTING CABLE
RECT	PIT	WELL	PROPOSED CABLE	POWER LINE		
			FOREIGN PL	CONOCO PL		

COMPANY

Burlington Resources

CHARGE CODE

WAN.RFE.PD07.HS

WELL NAME

Huerfano # 93 S

DATE

12/11/2007

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC	TNSHP	RNGE
25	27 N	9 W

LATITUDE
38.542921 N

LONGITUDE
107.743938 W

COUNTY

SAN JUAN

RECTIFIER

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	x			

SOLAR

GROUND BED

240 V METER POLE

480 V METER POLE

D.C. CABLES

A.C. CABLES

PRIMARY POWER

DISTANCE TO POWER

UNDERGROUND

PUMP/JACK

WATER PUMP

COMPRESSOR

RTU

SAMS

TANKS

# 8	300 ft			
# 8 tray	500 ft			
			900 ft	
			900 ft	

COMMENTS

480 v exists to north 900 ft - recommend setting a 480 v load panel at entrance

set 120/240 transformer and 8/12 load panel at entrance - then place 600 ft to

location

sandy soil

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANITO UNIT 93S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7375		AFE \$: 191,114.75	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist: Phone:	
Geoscientist: Clark, Dave D		Phone: +1 505-326-9762		Prod. Engineer: Phone:	
Res. Engineer:		Phone:		Proj. Field Lead: Phone:	

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface Datum Code: NAD 27 Straight Hole

Latitude: 36.542912	Longitude: -107.743325	X:	Y:	Section: 25	Range: 009W
Footage X: 1510 FWL	Footage Y: 1495 FSL	Elevation: 6244 (FT)	Township: 027N		

Tolerance:

Location Type: Year Round	Start Date (Est.): 1/1/2008	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6258 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	6138	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1280	4978	<input type="checkbox"/>			
KIRTLAND	1435	4823	<input type="checkbox"/>			
FRUITLAND	1778	4480	<input type="checkbox"/>	200		Gas
PICTURED CLIFFS	2112	4146	<input type="checkbox"/>			Gas
Total Depth	2312	3946	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 355 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	GENTLE H L 1	27N-9W25 SW NE SE
Production	Huerfanito 82	27N-9W25 NW SW
Production	Huerfanito 46R	27N-9W25 NE SW SW
Production	Huerfanito 46	27N-9W25 NE SW SW

Logging Program:

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

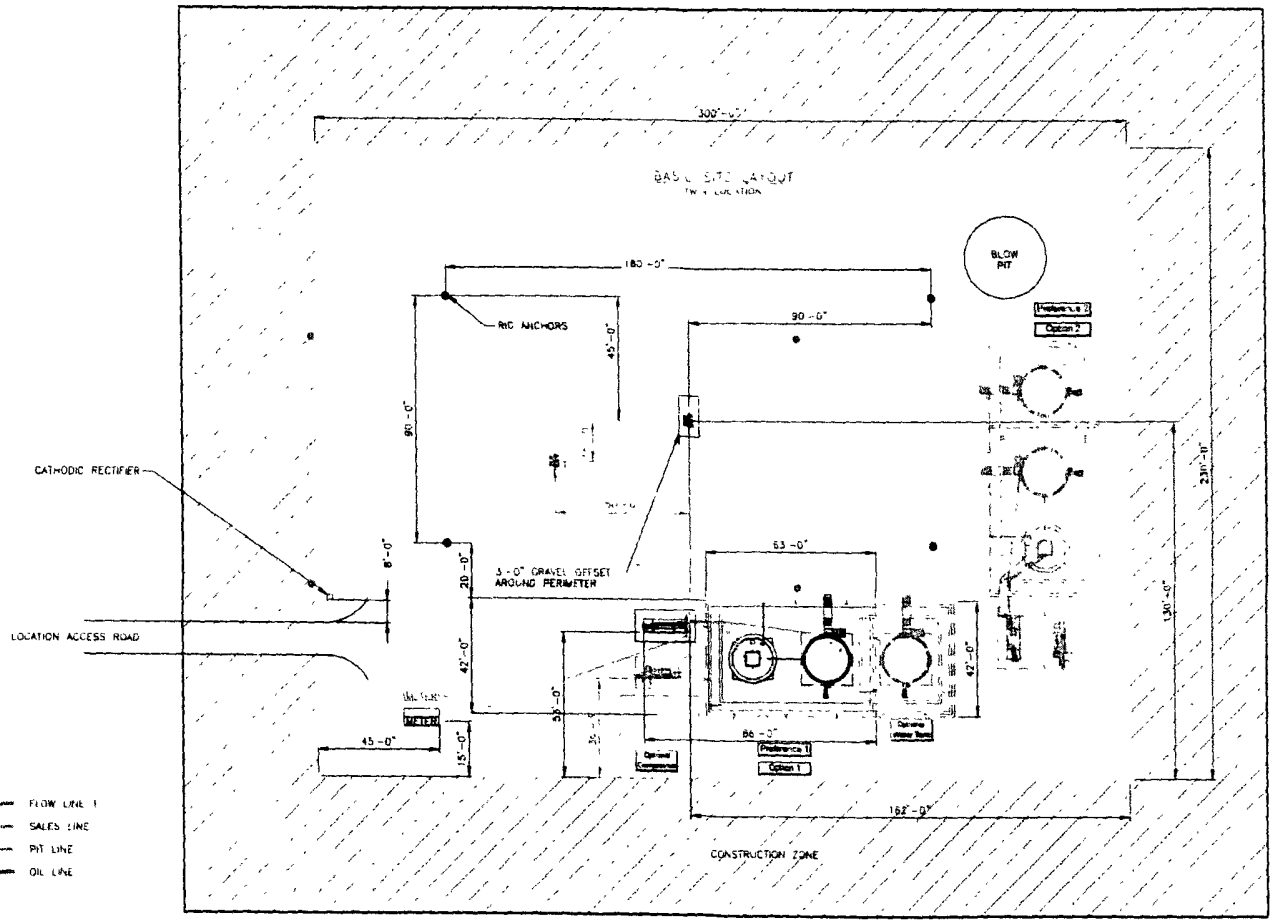
TD Logs: Triple Combo Dipmeter RFT Sonic VSP TDT Other

Cased Hole GR / CBL

Additional Information:

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



- 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 3'-0" TO

SHEET 1 OF 5

										ENGINEERING REVIEW DESIGNED: _____ REVIEWED: _____ DATE: _____ PROJECT: _____ MECHANICAL: _____ PIPING: _____ ELECTRICAL: _____ I & C: _____ CIVIL/STRUCTURAL: _____ PROJECT: _____		REFERENCE DRAWINGS NO. _____ DESCRIPTION: _____ NO. _____ DESCRIPTION: _____				CONOCOPhillips HIGH PRESSURE 3 PHASE FACILITY DIAGRAM - SITE LAYOUT		ELEV. NO. _____ DATE: _____ DRAWN BY: _____ SCALE: NONE DATE: _____		SHEET NO. 1 OF 5	
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Address: S:\projects\cpl\hp3phase\regulatory\San Juan Location Site Layout.dwg, 04/28/2007 - 08:33pm

BURLINGTON RESOURCES OIL & GAS COMPANY LP

HUERFANITO UNIT #93S

1495' FSL, 1510' FWL

SECTION 25, T-27-N, R-9-W, N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO

NAD 83 LAT.: 36.542921°N LONG.: 107.743938°W

ELEV.: 6244 NAVD88

NEW ACCESS 69'

From Bloomfield intersection, go south on HWY 550:

- Go: 15.9 miles near mile post 136. Turn left (east) on County road #7225.
- Go: 13.6 miles on County road #7225.
- Go: 3.4 miles (southerly) on County Road #7007.
- Go: 0.5 miles to well access road on the left.