

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 25 2008

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RCVD SEP 9 08
OIL CONS. DIV.
DIST. 3

1a. Type of Work DRILL	5. Lease Number SF-076958 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	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Hare 9. Well Number #297	
4. Location of Well Surf: Unit B(NWNE), 1180' FNL & 1580' FEL Surf: Latitude 36.745045° N Longitude 107.868861° W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) B Sec. 10, T29N, R10W API # 30-045- 34778	
14. Distance in Miles from Nearest Town 3.7 miles/Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1180'		
16. Acres in Lease 2,336.050	17. Acres Assigned to Well 318.74 - E/2	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 733' from Hare #12 - PC		
19. Proposed Depth 2473'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5845' GR	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)	8/25/08 Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY D. Mantecón

TITLE AT-1

DATE 9/8/08

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

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

DRILLING OPERATIONS AUTHORIZED SUBJECT TO COMPLIANCE WITH ATTA "GENERAL REQUIREMENTS".

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

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

SEP 19 2008

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

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-045-34778		² Pool Code 71629		³ Pool Name BASIN FRUITLAND COAL	
⁴ Property Code 7091		⁵ Property Name HARE			⁶ Well Number 297
⁷ OGRID No. 14538		⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP			⁹ Elevation 5845

¹⁰ SURFACE LOCATION

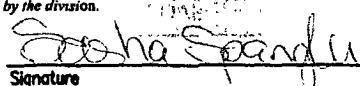
UL or lot no. B	Section 10	Township 29-N	Range 10-W	Lot Idn	Feet from the 1180	North/South line NORTH	Feet from the 1580	East/West line EAST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

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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¹² Dedicated Acres 318.74	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 WELL FLAG NAD 83 LAT: 36.745045° N LONG: 107.868861° W NAD 27 LAT: 36°44.702401' N LONG: 107°52.094532' W	N 89°17'34" W 2622.5' (M) N 89°20'00" W 2624.8' (R) 1180' 1580' S 0°56'00" W 2811.6' (R) S 0°58'29" W 2609.5' (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  Printed Name Sasha Spangler Regulatory Technician Title and E-mail Address 04-14-08 Date
	E/2 DEDICATED ACREAGE USA SF-076958 SECTION 10, T-29-N, R-10-W.	

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON		
WAN.RFE.PD07.KI		
HARE # 297	DATE	12/27/2007
WELL NAME		
WELL NAME		

COORDINATES

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
NE 10	29 N	10 W	36.745071 N	107.868822 W

COUNTY

SAN JUAN

RECTIFIER
SOLAR
GROUND BED
240 V METER POLE
480 V METER POLE
D C CABLES
A C CABLES
PRIMARY POWER
DISTANCE TO POWER
UNDERGROUND
PUMPJACK
WATER PUMP
COMPRESSOR
RTU
SAMS
TANKS

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	x			
	x			
100 A	x			
#8	300 ft			
#8	850 ft		city Fmt	
			1 phase	
			500 ft	

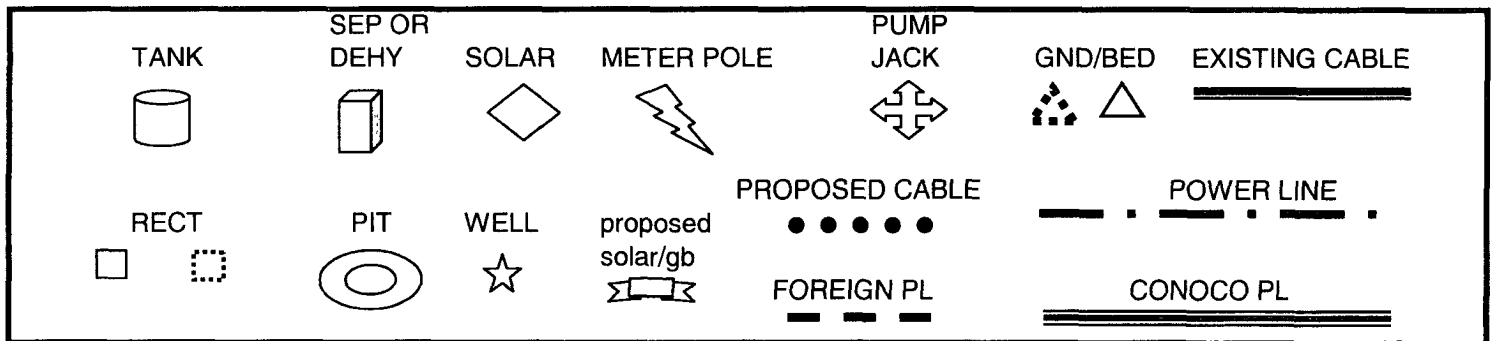
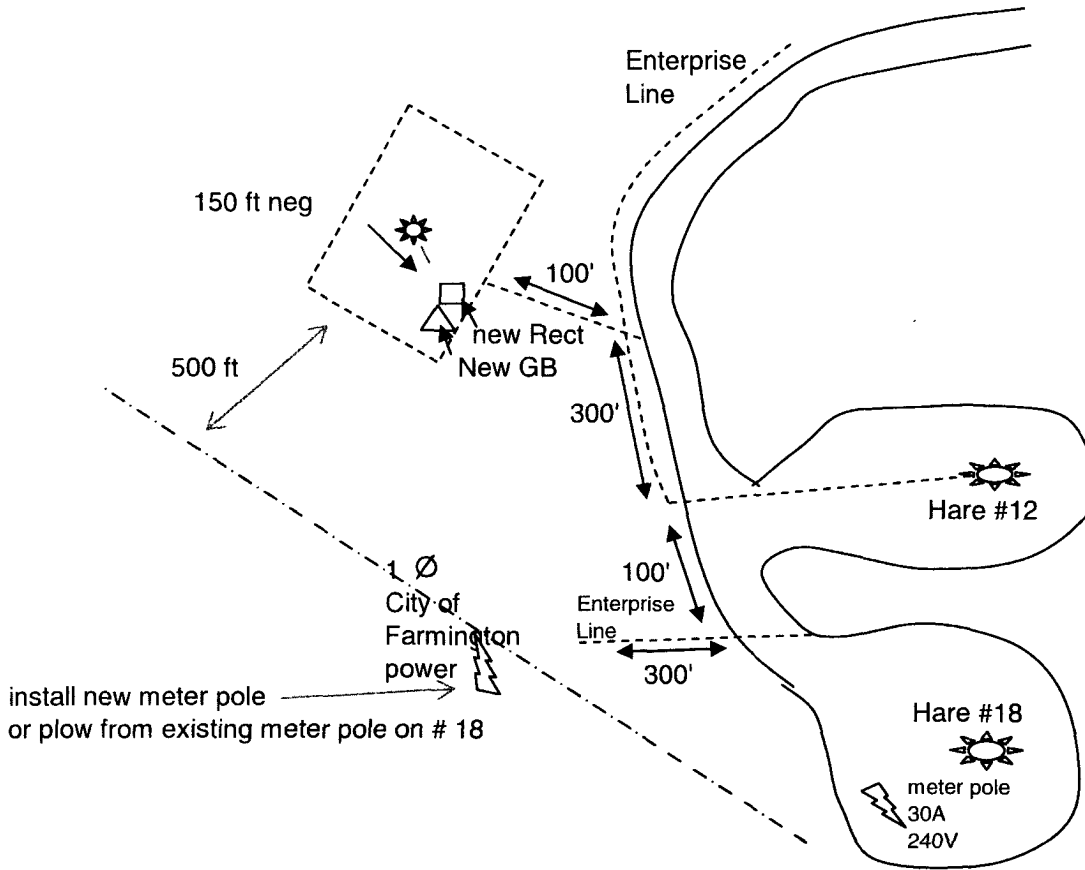
COMMENTS

sandy soil
either we need a 1 pole power line extension or
plow 850 ft a/c cable with 2 pipeline crossings



HARE # 297

sandy



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HARE 297

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7442		AFE \$: 256,289.33	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 580	State: NM	County: SAN JUAN	API #:
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: 36.745040	Longitude: -107.868242	X:	Y:	Section: 10	Range: 010W
Footage X: 1580 FEL	Footage Y: 1180 FNL	Elevation: 5845	(FT)	Township: 029N	
Tolerance:					

Location Type: Year Round Start Date (Est.): 1/1/2008 Completion Date: Date In Operation:

Formation Data: Assume KB = 5860 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5660	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	983	4877	<input type="checkbox"/>			
KIRTLAND	1201	4659	<input type="checkbox"/>			
FRUITLAND	1758	4102	<input type="checkbox"/>			Gas
PICTURED CLIFFS	2273	3587	<input type="checkbox"/>	250		Gas
Total Depth	2473	3387	<input type="checkbox"/>			TD - T/PCCF + 200'; 6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 380 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	HARE 12	29N-10W10 SW NE NE
Production	HARE-D 18	29N-10W10 NW SE NE
Production	HARE 14A	29N-10W10 SW NE NW

Logging Program:

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

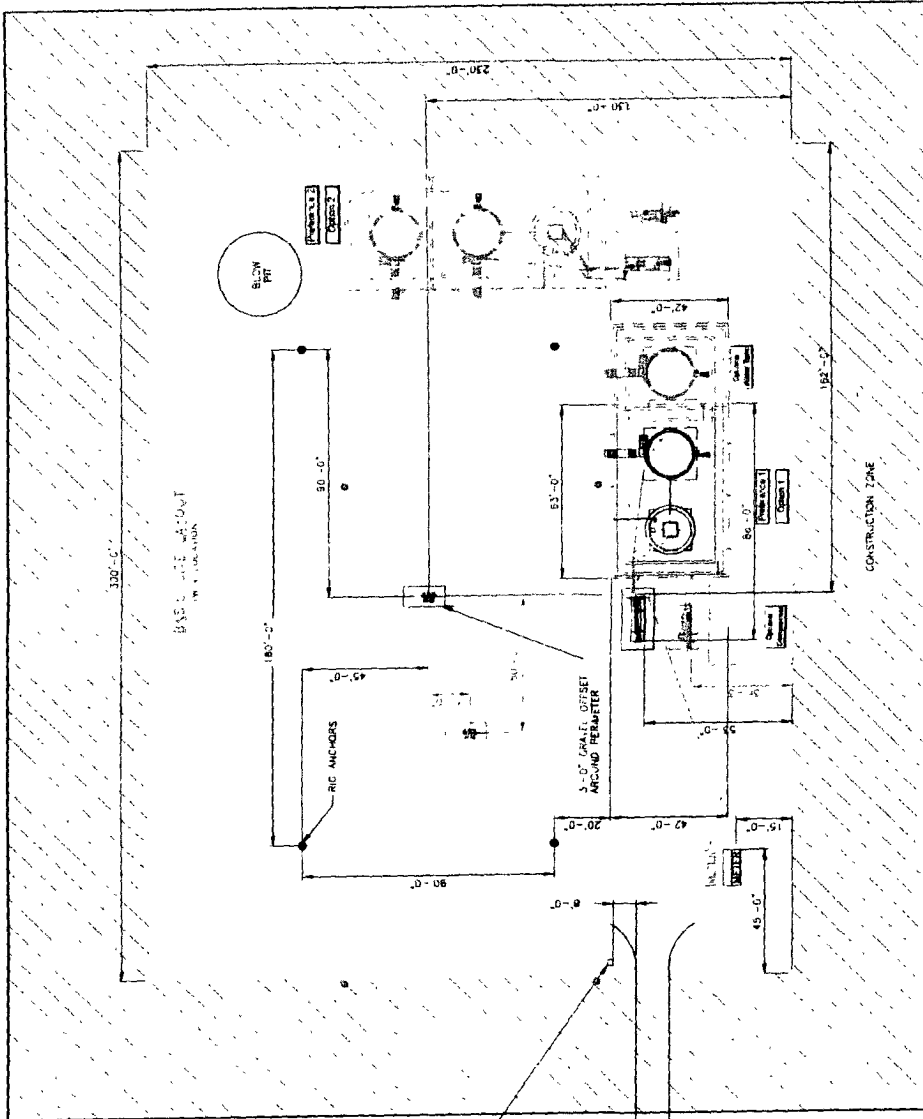
TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

GR/CBL

Additional Information:

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



SITE SHEET 1 & 2: PIPING LAYOUT
 ALL DIMENSIONS ARE TO BE BUREAU A MAX OF 3'-0" TOL

SHEET 1 OF 2

CONOCO-PHILLIPS										SAN JUAN BUSINESS UNIT										CONOCO-PHILLIPS									
H.C. - PRESSURE 3 PHASE																				H.C. - PRESSURE 3 PHASE									
FACILITY DIAGRAM- SITE LAYOUT																				FACILITY DIAGRAM- SITE LAYOUT									
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BURLINGTON RESOURCES OIL AND GAS COMPANY LP

HARE 297

1180' FNL, 1580' FEL

SECTION 10, T-29-N, R-10-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

NAD 83 LAT.: 36.745045°N LONG.: 107.868861° W

ELEV.: 5845 NAVD88

NEW ACCESS 245.0'

DRIVING DIRECTIONS TO BROG HARE 297.

FROM BLANCO, N.M.:

- GO: 3.1 MILES NORTH ON HWY. 575 (DIRT ROAD). TURN SHARP LEFT.
- GO: 0.5 MILES SOUTH. BEGIN 245.0 FT. NEW ACCESS ON RIGHT (WEST) SIDE OF THE ROAD.