


RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 24 2012

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Farmington Field Office
Bureau of Land Management

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 RCVD MAY 25 '12 OIL CONS. DIV.
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Hare DIST. 3 9. Well Number 15P
4. Location of Well Surface: Unit K(NESW), 1608' FSL & 2238' FWL Surface: Latitude: 36.75269° N (NAD83) LOT 15 Longitude: 107.87351° W	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 3, T29N, R10W API # 30-045-35354
14. Distance in Miles from Nearest Town 4 miles from Blanco	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1608'	
16. Acres in Lease 2336.050	17. Acres Assigned to Well 284.70 Acres - S/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 900' Hare #15 (MV)	
19. Proposed Depth 6808'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5852' GL	22. Approx. Date Work will Start 2/23/12
<p>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4</p> <p> H₂S POTENTIAL EXIST</p>	
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".
24. Authorized by: <u>Arleen Kellywood</u> Arleen Kellywood (Staff Regulatory Tech)	Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 5/16/12

Archaeological Report attached A gas recovery unit may or may not be used on this location.
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

JUN 06 2012 *cc*

A
NMOCD

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised July 10, 2010

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

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

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

OIL CONSERVATION DIVISION FEB 24 2012

1220 South St. Francis Dr.
Santa Fe, NM 87505 Farmington Field Office

Bureau of Land Management ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- 35354	² Pool Code 72319/71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 7091	⁵ Property Name HARE	⁶ Well Number 15P
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 5852'

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	3	29N	10W	15	1608'	SOUTH	2238'	WEST	SAN JUAN

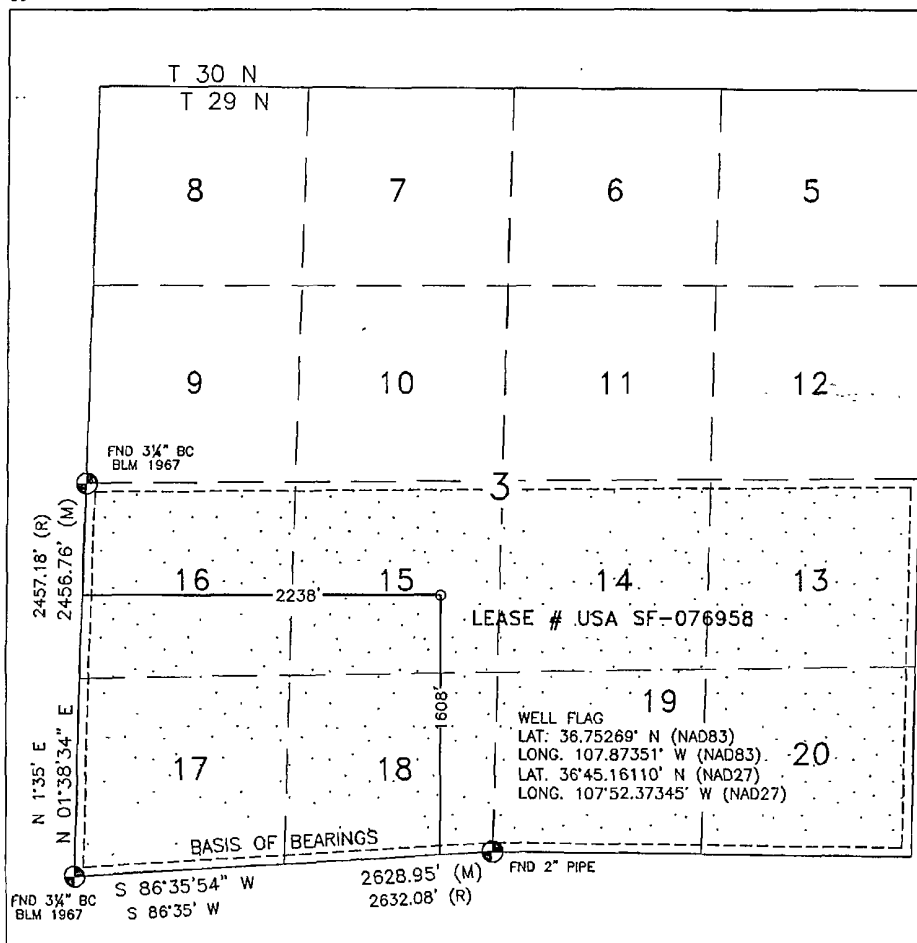
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
284.70 ACRES - S/2			

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

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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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Aileen R. Hollywood 6/17/11
Signature Date

Arleen R. Kellywood
Printed Name

arleen.r.kellywood@conocophillips.com

E-mail Address

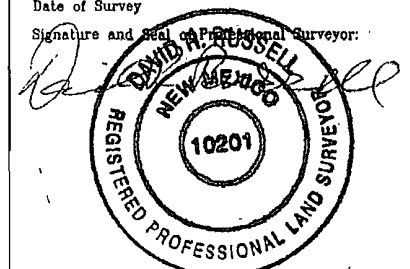
18 SURVEYOR CERTIFICATION

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.

MAY 26, 2011

Date of Survey _____

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number

10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HARE 15P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.1038				AFE \$:	
Field Name: SAN JUAN		Rig: XXX 2015 Holding Rig		State: NM	County: SAN JUAN		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface Datum/Code: NAD 27 Straight Hole							
Latitude: 36.752685		Longitude: -107.872891		X:	Y:	Section: 03	Range: 010W
Footage X: 2238 FWL		Footage Y: 1608 FSL		Elevation: 5852 (FT)		Township: 029N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2015		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 5867 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5667		<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	1045	4822		<input type="checkbox"/>			
KIRTLAND	1199	4668		<input type="checkbox"/>			
FRUITLAND	1799	4068		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2306	3561		<input type="checkbox"/>			
LEWIS	2419	3448		<input type="checkbox"/>			
HUERFANITO BENTONITE	3080	2787		<input type="checkbox"/>			
CHACRA	3303	2564		<input type="checkbox"/>			
UPPER CLIFF HOUSE	3865	2002		<input type="checkbox"/>			Gas; Cliffhouse is wet
MASSIVE CLIFF HOUSE	3953	1914		<input type="checkbox"/>	479		Gas
MENEFEE	4052	1815		<input type="checkbox"/>			Est. Top Perf - 4054 (1813)
Intermediate Casing	4202	1665		<input type="checkbox"/>		147	8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 947 cuft. Circulate cement to surface.
POINT LOOKOUT	4567	1300		<input type="checkbox"/>			
MANCOS	4983	884		<input type="checkbox"/>			
UPPER GALLUP	5813	54		<input type="checkbox"/>			
GREENHORN	6545	-678		<input type="checkbox"/>			
GRANEROS	6601	-734		<input type="checkbox"/>			
TWO WELLS	6663	-796		<input type="checkbox"/>	1934		Gas
PAGUATE	6729	-862		<input type="checkbox"/>			
LOWER CUBERO	6788	-921		<input type="checkbox"/>			TD - 20' Below T/CBRL
UPPER CUBERO	6788	-921		<input type="checkbox"/>			Est. Btm Perf - 6788 (- 921) based on offset wells
Total Depth	6808	-941		<input type="checkbox"/>		190	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 359 cuft. Circulate cement a minimum of 100' inside the previous casing string.
ENCINAL	6844	-977		<input type="checkbox"/>			
Reference Wells:							

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HARE 15P

DEVELOPMENT

Reference Type	Well Name	Comments
Production	HARE-15-M	29N 10W 3 NE SW SE
Production	HARE-D-18	29N 10W 10 SE NE
Production	HARE-16-D	29N 10W 3 SE NE

Logging Program:

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

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

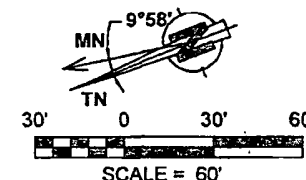
Cased Hole GR / CBL

Mudlog from 100' above top of GLLP to TD - mudlogger will call TD.

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

WELL FLAG
 LATITUDE: 36.75269° N
 LONGITUDE: 107.87351° W
CENTER OF PIT
 LATITUDE: 36.75263° N
 LONGITUDE: 107.87328° W
 ELEVATION: 5836.2'
 DATUM: NAD83 & NAVD88

BURLINGTON RESOURCES OIL & GAS COMPANY LP
 HARE #15P
 1608' FSL & 2238' FWL
 LOCATED IN THE NE/4 SW/4 OF SECTION 3,
 T29N, R10W, N.M.P.M.,
 SAN JUAN COUNTY, NEW MEXICO
 GROUND ELEVATION: 5852', NAVD 88
 FINISHED PAD ELEVATION: 5848.2', NAVD 88

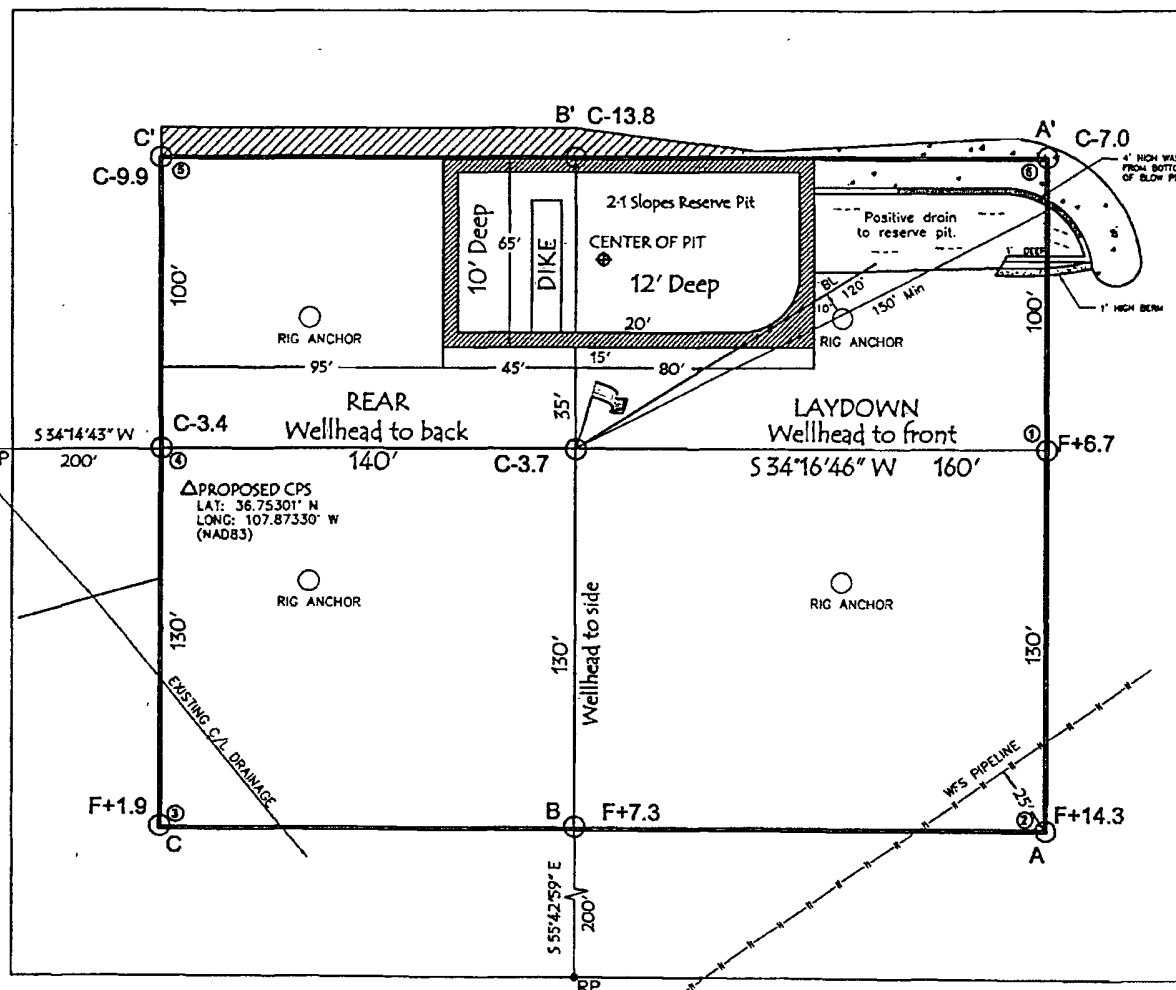


NOTES:

1.) BASIS OF BEARING: BETWEEN FOUND MONUMENTS AT THE SOUTH QUARTER CORNER AND THE SOUTHWEST CORNER OF SECTION 3, TOWNSHIP 29 NORTH, RANGE 10 WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO
 LINE BEARS: S 86°35'54" W A DISTANCE OF 2628.95 FEET AS MEASURED BY G.P.S.

2.) LATITUDE, LONGITUDE AND ELLIPSOIDAL HEIGHT BASED ON AZTEC CORN L1 PHASE CENTER
 DISTANCES SHOWN ARE GROUND DISTANCES USING A TRAVERSE MERCATOR PROJECTION FROM A WGS84 ELLIPSOID, CONVERTED TO NAD83.
 NAVD88 ELEVATIONS AS PREDICTED BY GEOID03.

3.) LOCATION OF UNDERGROUND UTILITIES DEPICTED ARE APPROXIMATE. PRIOR TO EXCAVATION UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED. ALL CONSTRUCTION ACTIVITIES SHOULD BE FIELD VERIFIED WITH NEW MEXICO ONE-CALL AUTHORITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION



TOTAL PERMITTED AREA
 330' x 400' = 3.03 ACRES
 SCALE: 1" = 60'
 JOB No.: COPC426_REV1
 DATE: 05/27/11
 DRAWN BY: TWT

NOTE:
 RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
 RUSSELL SURVEYING, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED, BURIED PIPELINES OR CABLES ON WELL PAD, IN CONSTRUCTION ZONE AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.



Russell Surveying
 1409 W. Aztec Blvd. #2
 Aztec, New Mexico 87410
 (505) 334-8637

BURLINGTON RESOURCES OIL & GAS COMPANY LP

HARE #15P

1608' FSL & 2238' FWL

LOCATED IN THE NE/4 SW/4 OF SECTION 3,

T29N, R10W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM POST OFFICE IN BLANCO, TRAVEL WEST ON HIGHWAY 64 TO HIGHWAY 575.
- 2) TRAVEL NORTH ON HIGHWAY 575 AND TRAVEL 3.3 MILES TO WHERE ACCESS IS FLAGGED ON LEFT SIDE OF ROAD.

WELL FLAG LOCATED AT LAT. 36.75269° N, LONG. 107.87351° W (NAD 83).

JOB No.: COPC426_REV1
DATE: 05/27/11



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