

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

JUN 24 2011

1a. Type of Work DRILL	5. Lease Number SF-077092 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 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 Lackey A 9. Well Number 292S	
4. Location of Well Surface: Unit P(SESE), 1120' FSL & 804' FEL Surface: Latitude: 36.735602° N (NAD83) LOT 15 Longitude: 107.830223° W	10. Field, Pool, Wildcat Basin FC 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 12, T29N, R10W API # 30-045- 35298	
14. Distance in Miles from Nearest Town 2.2 miles from Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1120'	17. Acres Assigned to Well 312.28 E2 4	
16. Acres in Lease 807.840	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 52' from Houck 2E (DK)	22. Approx. Date Work will Start	
19. Proposed Depth 2528'	23. Proposed Casing and Cementing Program See Operations Plan attached	
21. Elevations (DF, FT, GR, Etc.) 5872' GL	24. Authorized by: <u>Arleen R. Kellywood</u> (Staff Regulatory Tech) Date <u>6/24/11</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 2

Bond Numbers NMB-000015 and NMB-000089

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

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

NOTIFY AZTEC UCD 24 HRS.

PRIOR TO CASING & CEMENT

SEP 28 2011
NMOC

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

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

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 July 16, 2010

Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- 35298	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 7238	⁵ Property Name LACKEY A	
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁶ Well Number 292S
		⁹ Elevation 5872

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
P	12	29-N	10-W	15	1120	SOUTH	804	EAST	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
P									

¹² Dedicated Acres 318.28 E/2	¹³ Joint or Infill can	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 LOT 4 BASIS OF BEARING IS GRID NORTH, NEW MEXICO STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD83 DERIVED BY GPS OBSERVATION AND NGS/OPUS SOLUTION.		LOT 3 		LOT 2 		LOT 1 	
LOT 5 		LOT 6 		E/2 DEDICATED ACREAGE USA SF-077092 SECTION 12, T-29-N, R-10-W LOT 7 		LOT 8 	
LOT 12 		LOT 11 WELL FLAG NAD 83 LAT: 36.735602° N LONG: 107.830223° W NAD 27 LAT: 36°44.135828' N LONG: 107°49.776323' W 		LOT 10 		LOT 9 BLM 1950 2597.8' (R) 2594.9' (M)	
LOT 13 		LOT 14 		LOT 15 S 89°19' W S 89°19'13" W BLM 1967		LOT 16 804' 1120' S 0°12' W N 0°19'14" W BLM 1950	

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.

Brandie Blakley 2/28/11
Signature Date

Brandie Blakley
Printed Name

blaklbn@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.

Date of Survey: 01/18/2011
Signature and Seal of Professional Surveyor:

Certificate Number: NM 11393

PROJECT PROPOSAL - New Drill / Sidetrack

LACKEY A 292S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9077		AFE \$: 561,510.00	
Field Name: SAN JUAN		Rig: Aztec Rig 711		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
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: 36.735597	Longitude: -107.829605	X:	Y:	Section: 12	Range: 010W
Footage X: 804 FEL	Footage Y: 1120 FSL	Elevation: 5872	(FT)	Township: 029N	

Tolerance:

Location Type: Year Round	Start Date (Est.): 1/1/2011	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5883	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5683		<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 77 cuft. Circulate cement to surface.
OJO ALAMO	1103	4780		<input type="checkbox"/>			
KIRTLAND	1275	4608		<input type="checkbox"/>			
FRUITLAND	1813	4070		<input type="checkbox"/>			Gas
FRUITLAND COAL	1999	3884		<input type="checkbox"/>			
PICTURED CLIFFS	2328	3555		<input type="checkbox"/>	184		Gas; TD - 200' below T/PCCF
Total Depth	2528	3355		<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 338 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	Houck 2-12	29N 10W 10 SW SW
Production	Lackey A-293	29N 10W 12 SW NE SW
Production	Lackey A-1A	29N 10W 12 SW NE SE
Production	Houck 3-12	29N 10W 12 NW SW NE

Logging Program:

Intermediate Logs:	<input type="checkbox"/> Log only if show	<input type="checkbox"/> GR/ILD	<input type="checkbox"/> Triple Combo
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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
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Cased Hole GR / CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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BURLINGTON RESOURCES OIL & GAS COMPANY LP
LACKEY A 292S
1120' FSL, 804' FEL
SECTION 12, T-29-N, R-10-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
NAD 83 LAT.: 36.735602°N LONG.: 107.830223°W
ELEV.: 5872 NAVD88
NO NEW ACCESS

FROM BLANCO, NM, INTERSECTION OF HWY. 64 & HWY. 575:

- GO NORTHWEST ON HWY 575 (DIRT ROAD) FOR 0.9 MILES AND TURN RIGHT.
- GO 0.8 MILES TO Y-INTERSECTION AND TURN RIGHT.
- GO 0.5 MILES UPHILL AND SOUTHEAST ON TOP OF MESA, TURN RIGHT ONTO EXISTING LOCATION FOR BURLINGTON "HOUCK 2E". WELL STAKED AS TWIN HERE.