

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 JUL 16 PM 3:11Z
RECEIVED
BLM
210 FARMINGTON NM

1a. Type of Work DRILL	5. Lease Number USA SF-079266 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 Vaughn 9. Well Number #12P
4. Location of Well Unit L(NWSW), 1745' FSL & 700' FWL Latitude 36° 27.3103 N Longitude 107° 26.5921 W	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 26, T26N, R6W API # 30-039-30294
14. Distance in Miles from Nearest Town 48 mile/Bloomfield	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 700'	
16. Acres in Lease	17. Acres Assigned to Well MV/DK 320 (W/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 961' Vaughn #7	
19. Proposed Depth 7145'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6325' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	<u>7-16-07</u> Date

PERMIT NO.

APPROVAL DATE

APPROVED BY R. Martinez

TITLE AFM

DATE 8/9/07

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 3

Bond Numbers NMB-000015 and NMB-000089

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".

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2007 JUL 25 PM 3:31

1. Type of Well
GAS

RECEIVED
BLM
210 FARMINGTON NM

2. Name of 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, Footage, Sec., T, R, M

Unit L (NWSW), 1745' FSL & 700' FWL, Sec. 26, T26N, R6W, NMPM

5. Lease Number
USA SF-079266
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name

8. Well Name & Number

Vaughn #12P
9. API Well No.

30-039-30294

10. Field and Pool

Basin DK / Blanco MV
11. County and State
Rio Arriba, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☒ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☒ Other - moved location.

RCVD AUG 14 '07
OIL CONS. DIV.

13. Describe Proposed or Completed Operations

DIST. 3

ConocoPhillips wished to move this location from 1740' FSL to 1745' FSL because of a miss calculation.

Attached are revised plat, TOPO, cut & fill, and driving directions.

14. I hereby certify that the foregoing is true and correct.

Signed Rhonda Rogers Rhonda Rogers Title Regulatory Technician Date 7/25/07

(This space for Federal or State Office use)

APPROVED BY [Signature] Title ATM Date 8/9/07

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

****MOVED LOCATION****

NMOC

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

DISTRICT II
1301 West 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 87506

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 - 4 Copies
Fee Lease - 3 Copies

2007 JUL 25 PM 3:31

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039 - 30294	*Pool Code 72319/71599	*Pool Name 210 FARMINGTON NM BASIN DAKOTA/BLANCO MESAVERDE
*Property Code 7623	*Property Name VAUGHN	*Well Number 12P
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	*Elevation 6325'

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
L	28	26-N	6-W		1745'	SOUTH	700'	WEST	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
L									
¹² Dedicated Acres 320.00 W/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.		

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

<p>16</p> <p>LAT: 38°27.3103' N LONG: 107°26.5821' W NAD 1927</p> <p>LAT: 38.455182° N LONG: 107.443804° W NAD 1983</p> <p>USA SF-079266</p> <p>700'</p> <p>1745'</p> <p>26</p> <p>N 89° 32' 10" E 5284.44'</p>				<p>17 OPERATOR CERTIFICATION</p> <p>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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p> Signature Rhonda Rogers Printed Name</p>
<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>5/17/07 Date of Survey</p> <p> Signature of Licensed Professional Surveyor</p> <p> GEN W. RUSSELL NEW MEXICO 15703 LICENSED PROFESSIONAL SURVEYOR</p> <p>Certificate Number 15703</p>				

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

VAUGHN 12P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7178		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 184		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer:	
Res. Engineer: McKee, Cory J		Phone: 505-326-9826		Proj. Field Lead:	
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: 36.455172	Longitude: -107.443202	X:	Y:	Section: 26	Range: 006W
Footage X: 700 FWL	Footage Y: 1740 FSL	Elevation: 6325	(FT)	Township: 026N	
Tolerance:					
Location Type: Year Round		Start Date (Est.):		Completion Date:	
Date In Operation:					
Formation Data: Assume KB = 6337 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	320	6017	<input type="checkbox"/>		
320' 8 5/8" 24 ppf, J-55, STC casing. Cement with 244 cu. ft. Circulate cement to surface.					
OJO ALAMO	1964	4373	<input type="checkbox"/>		
KIRTLAND	2132	4205	<input type="checkbox"/>		
FRUITLAND	2322	4015	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	2612	3725	<input type="checkbox"/>		
LEWIS	2712	3625	<input type="checkbox"/>		
HUERFANITO BENTONITE	3009	3328	<input type="checkbox"/>		
CHACRA	3459	2878	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	4239	2098	<input type="checkbox"/>		
MENELEE	4272	2065	<input type="checkbox"/>		
Intermediate Casing	4422	1915	<input type="checkbox"/>		
8 3/4" hole. 7", 20 ppf, J-55, ST&C casing. Cement with 990 cu. ft. Circulate cement to surface.					
MASSIVE POINT LOOKOUT	4802	1535	<input type="checkbox"/>	745	GAS
MANCOS	5137	1200	<input type="checkbox"/>		
UPPER GALLUP	5884	453	<input type="checkbox"/>		
GREENHORN	6729	-392	<input type="checkbox"/>		
GRANEROS	6777	-440	<input type="checkbox"/>		
TWO WELLS	6816	-479	<input type="checkbox"/>	1450	Gas
UPPER CUBERO	6925	-588	<input type="checkbox"/>		
LOWER CUBERO	6957	-620	<input type="checkbox"/>		
OAK CANYON	6984	-647	<input type="checkbox"/>		
6 1/4" hole. 4 1/2", 10.5 ppf, J-55, ST&C casing. Cement with 375 cu. ft. Circulate cement a minimum of 100' inside previous casing string. No open hole logs. Cased hole TDT with GR to surface.					
ENCINAL	7027	-690	<input type="checkbox"/>		
TOTAL DEPTH DK	7145	-808	<input type="checkbox"/>		
Reference Wells:					
Reference Type	Well Name		Comments		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

VAUGHN 12P

DEVELOPMENT

Logging Program:

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

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

GR/CBL. Est bottom perf: -793' subsea (15' above TD).

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - MVNM026N006W26SW2 DK 26N06W26SW2 Avoid K, twin Vaughn 7 (PC), else prefer M,L.

Zones - MVNM026N006W26SW2 DK 26N06W26SW2

Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

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

WELL API NO.

30-039-

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease USA SF-079266

7. Lease Name or Unit Agreement Name

Vaughn

8. Well Number

#12P

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco MV/Basin DK

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐Gas Well ☒

Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter L : 1740' feet from the South line and 700' feet from the West lineSection 26 Township 26N Rng 6W NMPM County Rio Arriba

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

6325'

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type

New Drill

Depth to Groundwater

<50

Distance from nearest fresh water well

>1000

Distance from nearest surface water

<200

Pit Liner Thickness:

12

mil

Below-Grade Tank:

Volume

bbls;

Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐MULTIPLE COMPL ☐

OTHER:

New Drill ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

New Drill, Lined:

Burlington Resources proposes to construct a new drilling pit, an associated vent/flare pit and a pre-set mud pit (if required). Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit will be lined pits as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

TITLE

Regulatory Technician

DATE

7-16-07

Type or print name

Rhonda Rogers

E-mail address:

rogerrs@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,

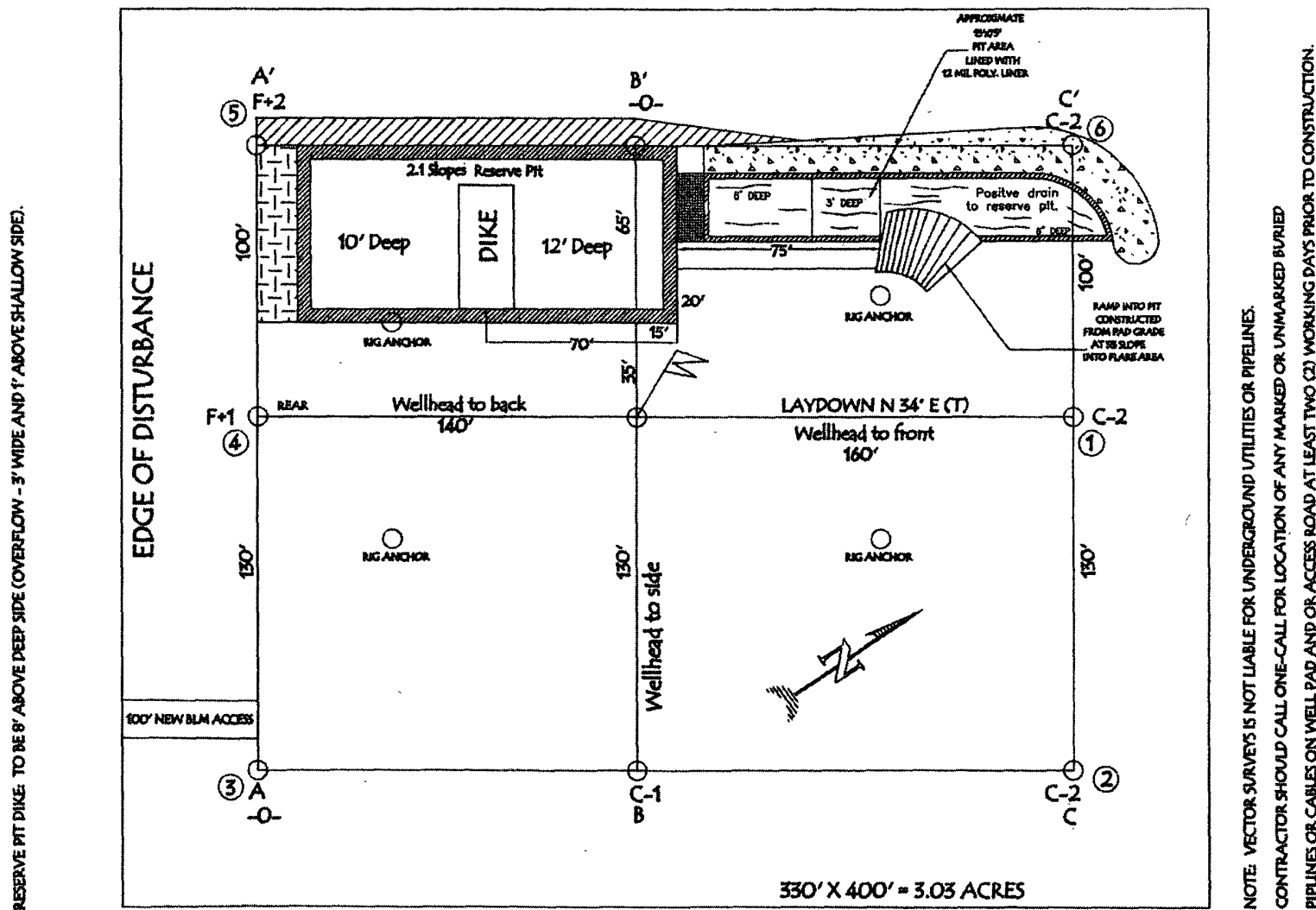
District #3

DATE

AUG 23 2007

Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS COMPANY LP
VAUGHN 12P, 1745' FSL & 700' FWL
SECTION 26, T-26- N, R-6-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6325', DATE: MAY 9, 2007



LATITUDE: 36° 27.3103'N LONGITUDE: 107° 26.5921'W NAD27

BURLINGTON RESOURCES OIL & GAS COMPANY LP

VAUGHN 12P, 1745' FSL & 700' FWL

SECTION 26, T-26- N, R-6-W, NMPM, RIO ARriba COUNTY, NM

GROUND ELEVATION: 6325', DATE: MAY 9, 2007

ELEV. A'-A

C/L

6345						
6335						
6325						
6315						

ELEV. B'-B

C/L

6345						
6335						
6325						
6315						

ELEV. C'-C

C/L

6345						
6335						
6325						
6315						

NOTE: VECTOR SURVEYS 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 AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.