

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 04 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management
Farmington Field Office

1a. Type of Work DRILL	5. Lease Number NM-82815 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 Lewis Park 9. Well Number 1N	
4. Location of Well Surf: Unit G (SWNE), 2320' FNL & 1750' FEL Bottomhole: Unit A (NENE), 1060' FNL & 980' FEL Surf: Latitude: 36.897781° N (NAD83) Longitude: 107.624434° W Bottomhole: Latitude: 36.901215° N (NAD83) Longitude: 107.621937° W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) G Sec. 13, T31N, R8W API # 30-045- 34937	
14. Distance in Miles from Nearest Town 24 miles/Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 980'	17. Acres Assigned to Well MV/DK 320.00 (E/2)	
16. Acres in Lease 640.00	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 53' from Lewis Park 100	
19. Proposed Depth 8406'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6834' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	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	
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	Date <u>4/3/2009</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 3

Bond Numbers NMB-000015 and NMB-000089

APR 24 2009

Drilling operations authorized are
subject to compliance with attached
"General Requirements".

Hold C104

for Directional Survey
and "As Drilled" plat

NMOCD

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

HOLD C104 FOR STEELING ON to Lewis Park #1E or #1M

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 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

RECEIVED

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

APR 04 2009

Bureau of Land Management ☐ AMENDED REPORT
Farmington Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34937		*Pool Code 71599 / 72319		*Pool Name BASIN DAKOTA/BLANCO MESAVERDE	
*Property Code 7260		*Property Name LEWIS PARK			*Well Number 1N
*OGRID No. 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			*Elevation 6834'

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
G	13	31-N	8-W		2320'	NORTH	1750'	EAST	SAN JUAN

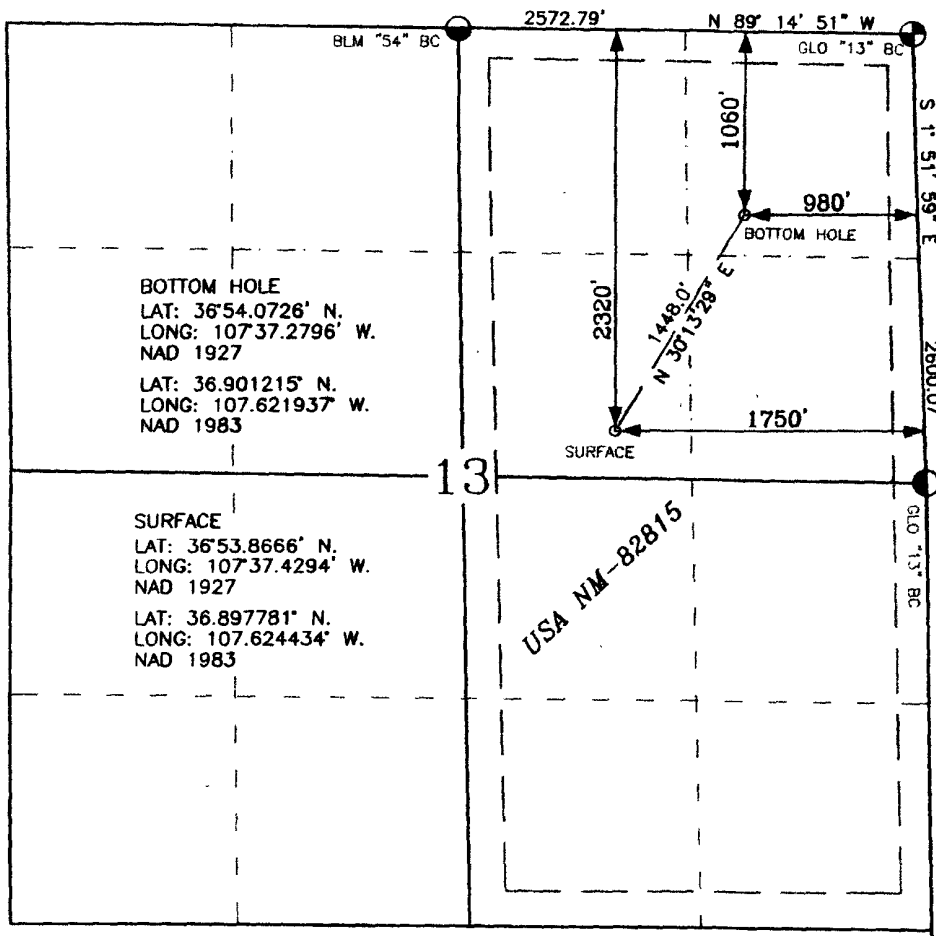
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	31-N	8-W		1060'	NORTH	980'	EAST	SAN JUAN

¹² Dedicated Acres DK 320.0 ACRES E 1/2 MV 320.0 ACRES E 1/2		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

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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 a working interest, or to a voluntary pooling agreement, or a compulsory pooling order heretofore entered by the division.

James Gardenhire 12/08/08
Signature
James Gardenhire
Printed Name

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.

12-5-08
Date of Survey
Signature of Professional Surveyor
GLEN W. RUSSELL
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR
Certificate Number 15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

LEWIS PARK 1N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8120		AFE \$: 1,871,029.83	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 730		State: NM	County: SAN JUAN
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist:		Phone:	Prod. Engineer:		Phone:
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797	Proj. Field Lead:		Phone:
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: 11.503 Datum Code: NAD 27					
Latitude: 36.897776	Longitude: -107.623823	X:	Y:	Section: 13	Range: 008W
Footage X: 1750 FEL	Footage Y: 2320 FNL	Elevation: 6834	(FT)	Township: 031N	
Tolerance:					
Location: 11.503 Datum Code: NAD 27					
Latitude: 36.901210	Longitude: -107.621326	X:	Y:	Section: 13	Range: 008W
Footage X: 980 FEL	Footage Y: 1060 FNL	Elevation:	(FT)	Township: 031N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2009		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6849 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	203	6646	☐		
OJO ALAMO	2586	4263	☐		
KIRTLAND	2681	4168	☐		
FRUITLAND	3216	3633	☐		Possible Gas
PICTURED CLIFFS	3719	3130	☐		
LEWIS	3849	3000	☐		
Intermediate Casing	4500	2349	☐		
HUERFANITO BENTONITE	4511	2338	☐		
CHACRA	4914	1935	☐		
MASSIVE CLIFF HOUSE	5704	1145	☐	460	Gas
MENEFEE	5744	1105	☐		
POINT LOOKOUT	6031	818	☐		
MANCOS	6369	480	☐		
UPPER GALLUP	7347	-498	☐		
GREENHORN	8075	-1226	☐		
GRANEROS	8135	-1286	☐		
TWO WELLS	8248	-1399	☐	3395	Gas
UPPER CUBERO	8274	-1425	☐		
LOWER CUBERO	8301	-1452	☐		
ENCINAL	8354	-1505	☐		
Total Depth	8406	-1557	☐		
12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 162 cuft. Circulate cement to surface.					
8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 1079 cuft. Circulate cement to surface.					
6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 533 cuft. Circulate cement a minimum of 100' inside the previous casing string.					

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

LEWIS PARK 1N

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments

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

TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
Est bottom perf is ~16' above the est TD.	

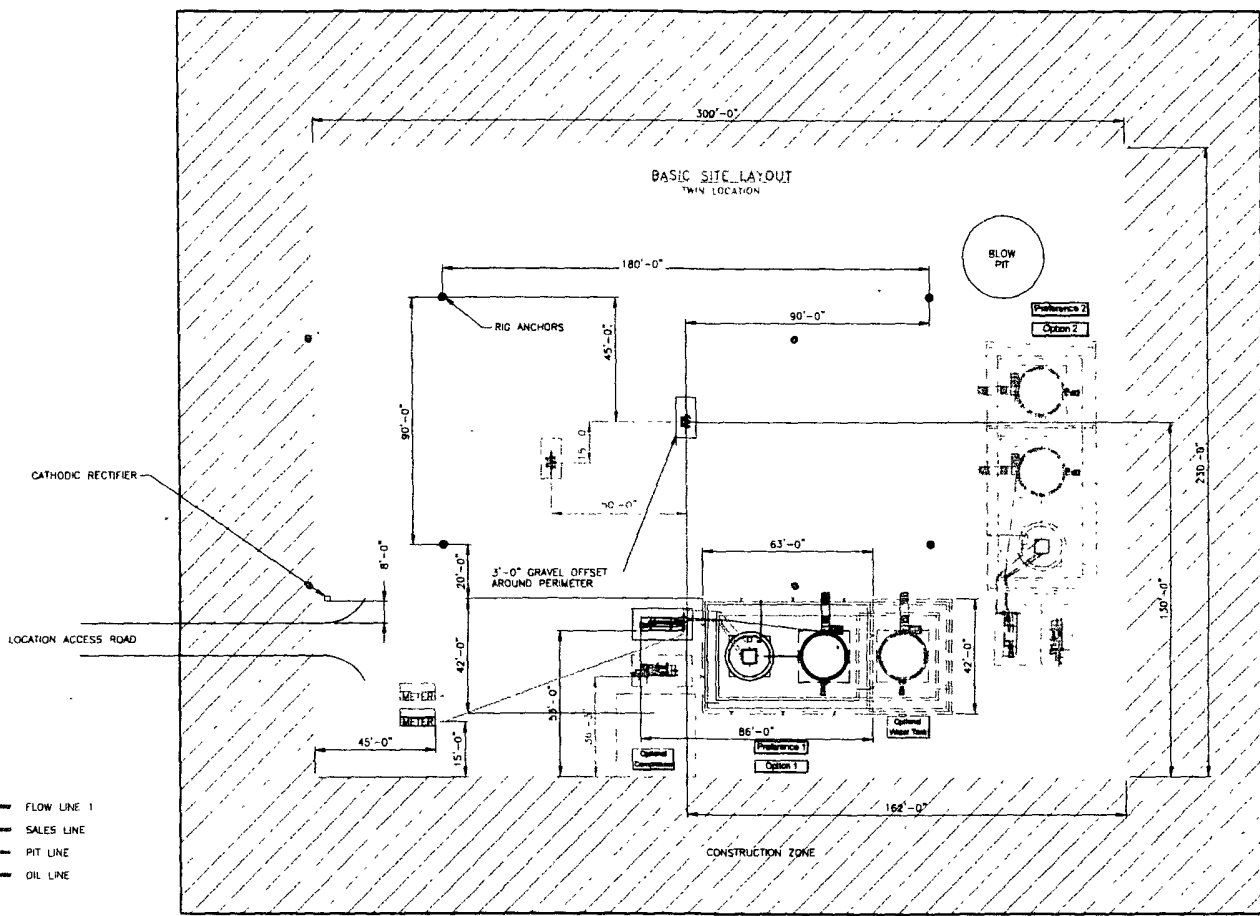
Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Lewis Park #1N
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6849.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6849.0ft (Original Well Elev)
Site:	Other Named Wells	North Reference:	True
Well:	Lewis Park #1N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,732.7	2,586.0	Ojo		0.00		
2,837.4	2,681.0	Kirtland		0.00		
3,426.9	3,216.0	Fruitland		0.00		
3,981.1	3,719.0	Pictured Cliffs		0.00		
4,121.3	3,849.0	Lewis		0.00		
4,796.6	4,511.0	Huerfano Bentonite		0.00		
5,199.6	4,914.0	Chacra		0.00		
5,989.6	5,704.0	Mass Cliffhouse		0.00		
6,029.6	5,744.0	Menefee		0.00		
6,316.6	6,031.0	Point Lookout		0.00		
6,654.6	6,369.0	Mancos		0.00		
7,632.6	7,347.0	Upper Gallup		0.00		
8,360.6	8,075.0	Greenhorn		0.00		
8,420.6	8,135.0	Graneros		0.00		
8,533.6	8,248.0	Two Wells		0.00		
8,559.6	8,274.0	Upper Cubero		0.00		
8,586.6	8,301.0	Lower Cubero		0.00		
8,639.6	8,354.0	Encinal		0.00		



SEE SHEET 3 & 4 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS		 SAN JUAN BUSINESS UNIT		CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT		
										PROCESS	REVIEWED	DATE	NO	DESCRIPTION			CLIENT NO.	CLIENT APPR.	APPR. DATE
										MECHANICAL						DRAWN BY	SCALE NONE	CREATION DATE 8/20/07	
										Piping									
										ELECTRICAL									
										I & C									
										CHIL/STRUCTURAL									
										PROJECT									
										DESCRIPTION	DATE	IP	CH'D	ENG	DES	PL	HP3PHASE-REV1 1 OF 5		

Address: 5100 W. 12th Avenue, Denver, CO 80202-1000, 303.283.1000

Directions from the Post office
In Blanco, NM to
Burlington Resources Oil & Gas Company LP
LEWIS PARK 1N
2320' FNL & 1750' FEL,
Section 13, T31N, R8W, N.M.P.M., San Juan County,
New Mexico
Latitude: 36° 53' 52.01423" N
Longitude: 107° 37' 27.96297" W
Nad 1983

Take Hwy 64 east for 2.2 miles to Hwy 511
Turn left on Hwy. 511 for 20.5 miles, past Navajo Dam.
Turn right (easterly) for 0.7 miles.
Turn left (northerly) for 0.4 miles,
Turn right (easterly) for 0.3 miles to the top of the hill,
continue (easterly) 300'
to the newly staked well location twinned on existing well pad,
LEWIS PARK 100.