

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD FEB 4 '08
OIL CONS. DIV.

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED NOV 08 2007 Bureau of Land Management Farmington Field Office	5. Lease Number USA NM-03187 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 Lambe 9. Well Number #1C	
4. Location of Well Unit K (NESW), 2225' FSL & 1615' FWL Latitude 36.883038 N Longitude 107.890978 W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) K- Sec. 21, T31N, R10W API # 30-045-34503	
14. Distance in Miles from Nearest Town 68 miles/Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1615'		
16. Acres in Lease 958.580	17. Acres Assigned to Well 318.86 W/2	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1113' Lambe #1E		
19. Proposed Depth 7061' 7493'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6152' GL <small>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4</small>	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	11-08-07 Date	

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

NMOCD

FEB 06 2008

AV

NOV 08 2007

☐ AMENDED REPORT

[illegible]

Office

Energy, Minerals and Natural Resources

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045- 34503

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease USA NM-03187

7. Lease Name or Unit Agreement Name

Lambe

8. Well Number

#1C

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Dakota / Blanco Mesaverde

SUNDRIY 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 K : 2225' feet from the South line and 1615' feet from the West line
Section 21 Township 31N Rng 10W NMPM County San Juan

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

6152' GL

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type

New Drill

Depth to Groundwater

>100'

Distance from nearest fresh water well

>1000'

Distance from nearest surface water

~500'
~1000'

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 ☐

SUBSEQUENT REPORT OF:

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

OTHER:

New Drill Pit

☒

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

11/8/2007

Type or print name

Sasha Spangler

E-mail address: spangsc@conocophillips.com

Telephone No. 505-326-9568

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

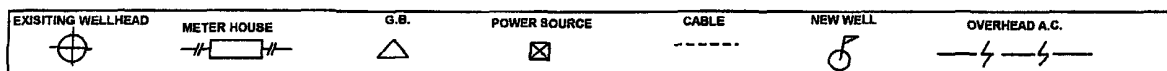
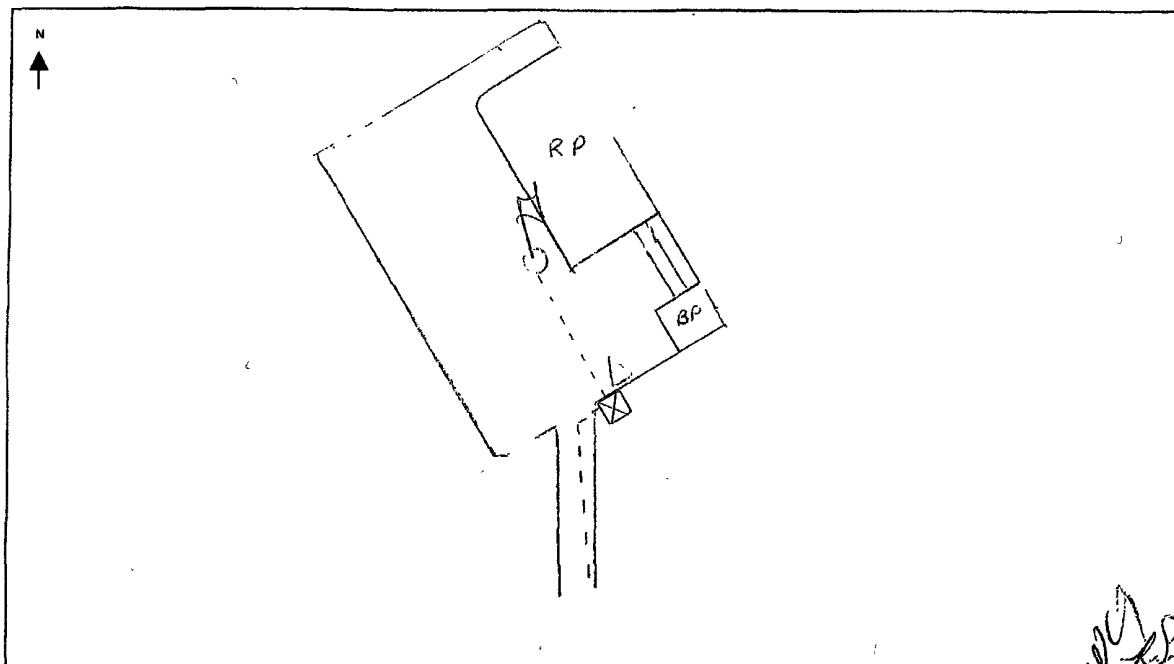
FEB 06 2008

Conditions of Approval (if any):



WELL NAME Lambi #10 LEGALS K-21-31-10 COUNTY San Juan

PURPOSED C.P. SYSYTEM: Drill GB and set rectifier to SE edge of location (E side of access). Trench approx 1500' of Alc from eastern rectifier. In lane #1 to new rectifier. Trench approx 220' of #3 neg. from proposed well to rectifier.



COMMENTS: $12.85V / 3.5A = 3.67\Omega$ / Lamber #1E will have HL range for AC route to Lamber #1C. (possible solder n/c even solder not Ranges in it)

NEAREST POWER SOURCE Existing Rect Chamber #1 DISTANCE: 1500'
PIPELINES IN AREA:

TECHNICIAN: Jack J. Williams DATE: 10/8/97

6 CR 5412 BLOOMFIELD, N.M. 87413
OFFICE: 505-634-0271 CELL: 505-793-6953



San Juan Business Unit

PROJECT PROPOSAL - New Drill / Sidetrack

LAMBE 1C

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7315		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 281		State: NM County: SAN JUAN	
Geologist:		Phone:		Geophysicist: Phone:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer: Phone:	
Res. Engineer: McKee, Cory J		Phone: 505-326-9826		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: 36.883033		Longitude: -107.890358		X: Y: Section: 21 Range: 010W	
Footage X: 1615 FWL		Footage Y: 2225 FSL		Elevation: 6152 (FT) Township: 031N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2008		Completion Date: Date In Operation:	
Formation Data: Assume KB = 6166 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	5966	<input type="checkbox"/>		
					12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.
OJO ALAMO	1496	4670	<input type="checkbox"/>		
KIRTLAND	1548	4618	<input type="checkbox"/>		
FRUITLAND	2519	3647	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	2896	3270	<input type="checkbox"/>		
LEWIS	3099	3067	<input type="checkbox"/>		
Intermediate Casing	3199	2967	<input type="checkbox"/>		
					8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 623 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3606	2560	<input type="checkbox"/>		
CHACRA	3963	2203	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	4636	1530	<input type="checkbox"/>	250	Gas
MENEFEE	4731	1435	<input type="checkbox"/>		
MASSIVE POINT LOOKOUT	5136	1030	<input type="checkbox"/>		
MANCOS	5436	730	<input type="checkbox"/>		
UPPER GALLUP	6437	-271	<input type="checkbox"/>		
GREENHORN	7150	-984	<input type="checkbox"/>		
GRANEROS	7202	-1036	<input type="checkbox"/>		
TWO WELLS	7256	-1090	<input type="checkbox"/>	1550	Gas
PAGUATE	7346	-1180	<input type="checkbox"/>		
UPPER CUBERO	7380	-1214	<input type="checkbox"/>		
LOWER CUBERO	7387	-1221	<input type="checkbox"/>		
TOTAL DEPTH DK	7493	-1327	<input type="checkbox"/>		
					6-1/4" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 584 cuft. Circulate cement a minimum of 100' inside the previous casing string.
Reference Wells:					
Reference Type	Well Name	Comments			

PROJECT PROPOSAL - New Drill / Sidetrack

LAMBE 1C

DEVELOPMENT

Logging Program:	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

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
GR/CBL. Est bottom perf is ~20' above TD.	

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

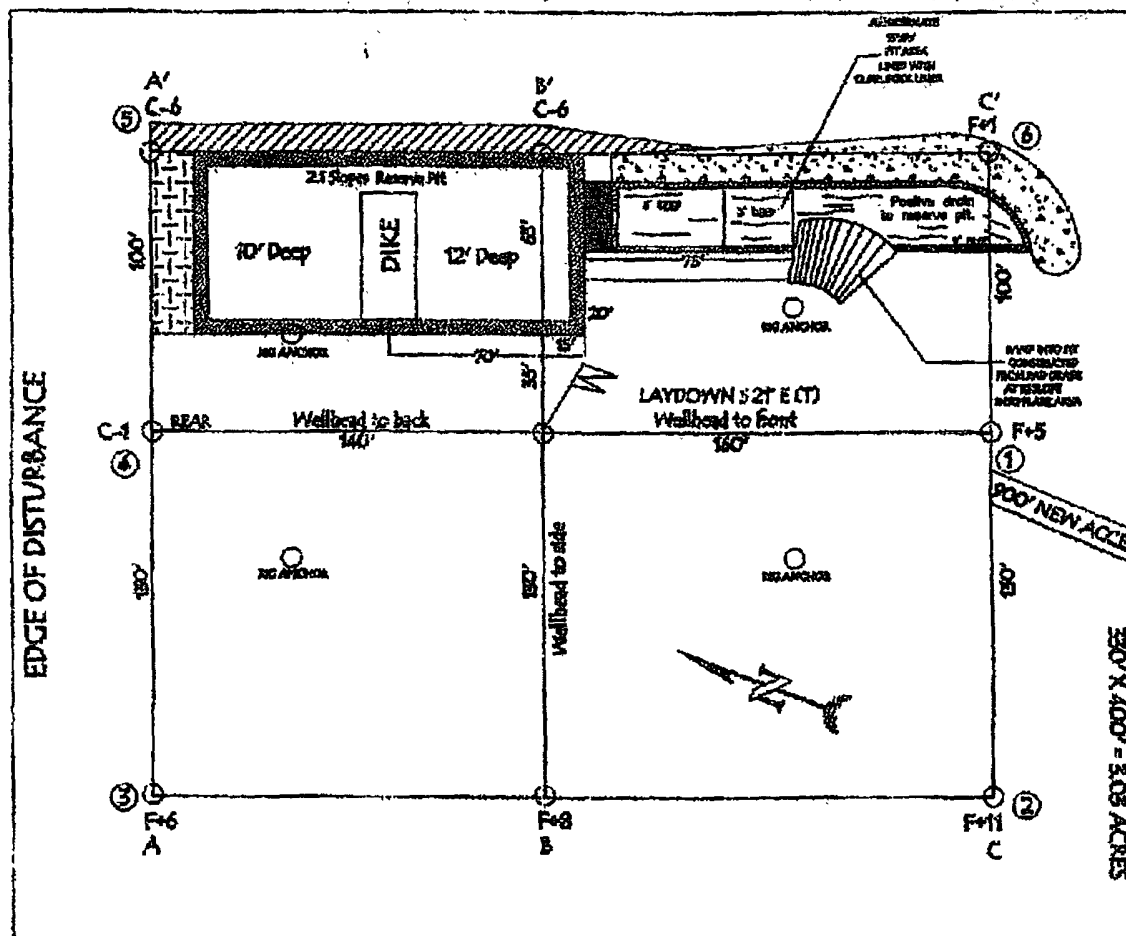
Comments: Location/Tops/Logging - DK 31N10W21SW2 and MVNM031N010W21SW2 Avoid M, prefer K,N,L.

Zones - DK 31N10W21SW2 and MVNM031N010W21SW2

General/Work Description - C. Hester 8/20/07: Only complete the Cliffhouse and Meneffee in the Mesa Verde. Do not complete the Point Lookout. See email in Document Mngr under Miscellaneous.

BURLINGTON RESOURCES OIL & GAS COMPANY LP
LAMBE 1C, 2225' FSL & 1615' FWL
SECTION 21, T31 N, R10W, NMPM, SAN JUAN COUNTY, NM
GROUND ELEVATION: 6152', DATE: SEPTEMBER 14, 2007

RESERVE PIT DKE TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3" WIDE AND 1" ABOVE SHALLOW SIDE).
 BLOW PIT, OVERFLOW PIPE 4" ABOVE BOTTOM OF BLOW PIT.



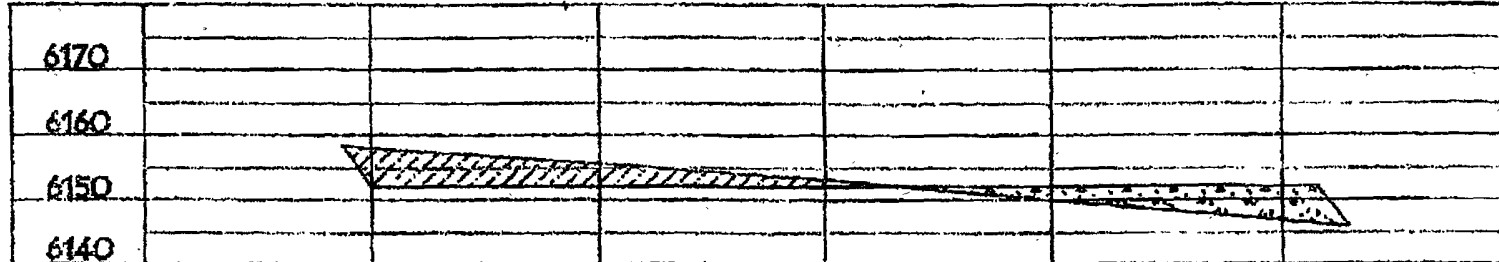
LATITUDE: 36° 52.9820' N
 LONGITUDE: 107° 55.4215' W
 NAD 27

NOTE: VECTOR SURVEY IS NOT VALID 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.

BURLINGTON RESOURCES OIL & GAS COMPANY LP
LAMBE 1C, 2225' FSL & 1615' FWL
SECTION 21, T-31- N, R-10-W, NMPM, SAN JUAN COUNTY, NM
GROUND ELEVATION: 6152', DATE: SEPTEMBER 14, 2007

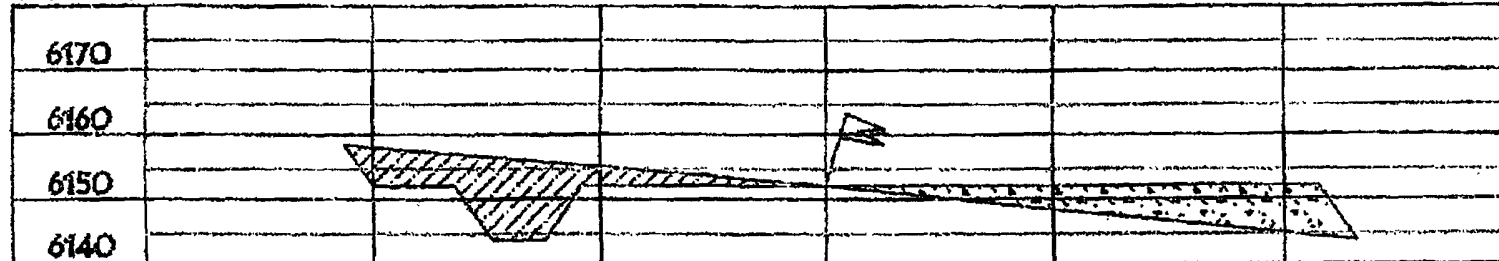
ELEV. A'-A

CL



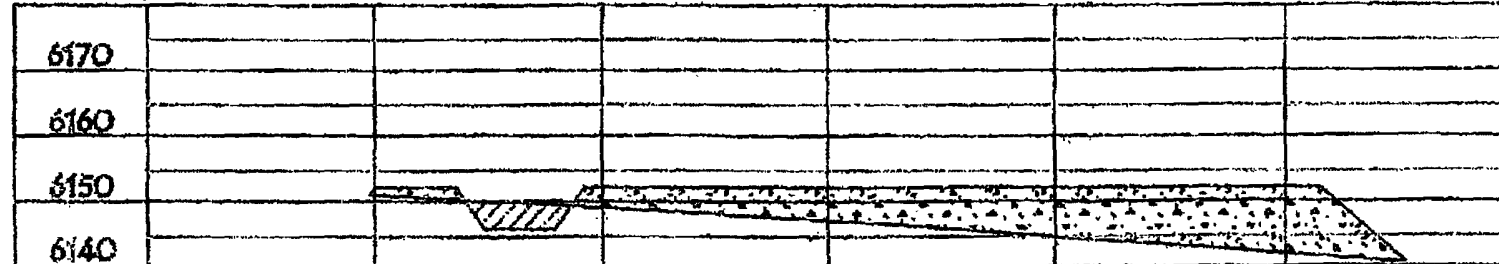
ELEV. B'-B

CL



ELEV. C'-C

CL



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