

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 JUL 10 PM 2:39

1a. Type of Work DRILL	5. Lease Number USA NM-03154 Unit Reporting Number 210176 BURLINGTON NM	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator <b>BURLINGTON</b> 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 Ballard 9. Well Number #14G	
4. Location of Well Unit P(SESE), 1065' FSL & 705' FEL  Latitude 36° 29.0275 N Longitude 107° 45.1008 W	10. Field, Pool, Wildcat Basin Dakota  11. Sec., Twn, Rge, Mer. (NMPM) Sec. 14, T26N, R9W  API # 30-045- 34365	
14. Distance in Miles from Nearest Town 31 mile/Bloomfield	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 705'		
16. Acres in Lease	17. Acres Assigned to Well DK 320 S/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 100' Ballard #5		
19. Proposed Depth 6668'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6323' GL	22. Approx. Date Work will Start RCVD JUL23'07 OIL CONS. DIV. DIST. 3	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	7-10-07 Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY D. Martinez

TITLE AFM

DATE 7/19/07

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 4

Bond Numbers NMB-000015 and NMB-000089

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

7-24-07  
BH

NMOC

NOTIFY AZTEC OCD 24 HRS.

PRIOR TO CASING & CEMENT

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

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

2007 JUN 12 2:39  
Form C-1024  
Revised October 12, 2005  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- <b>34365</b>	*Pool Code 71599	*Pool Name BASIN DAKOTA
*Property Code 6819	*Property Name BALLARD	*Well Number 14G
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	*Elevation 6323'

## 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	14	26N	9W		1065	SOUTH	705	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 320.0 Acres (S/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>5198.82'</p> <p>5280.00'</p> <p>14</p> <p>5271.42'</p> <p>1570'</p> <p>1900'</p> <p>1065'</p> <p>705'</p> <p>5212.68'</p> <p>LAT: 36.48380°N LONG: 107.75229°W DATUM: NAD83</p> <p>LAT: 36.29.0275°N LONG: 107.45.1008°W DATUM: NAD27</p> <p>LEASE USA NM-03154</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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Kandis Roland</i> 5/30/07 Signature Date</p> <p>Kandis Roland 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>Date of Survey: MAY 7, 2007</p> <p>Signature and Seal of Professional Surveyor</p> <p> JASON C. EDWARDS Certificate Number 15269</p>
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## State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

May 27, 2004

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045- 34365

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil &amp; Gas Lease No.

Federal Lease # USA NM-03154

7. Lease Name or Unit Agreement Name

Ballard

8. Well Number

#14G

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Dakota

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 &amp; GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter P : 1065' feet from the South line and 705' feet from the East line  
Section 14 Township 26N Rng 9W NMPM County San Juan

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

6323'

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type

New Drill

Depth to Groundwater

&gt;100

Distance from nearest fresh water well

&gt;1000

Distance from nearest surface water

4600'

Pit Liner Thickness:

N/A

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

OTHER:

New Drill ☒

## SUBSEQUENT REPORT OF:

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

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, vent/flare pit and pre-set mud pit will be unlined 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 unlined, 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

7-10-07

Type or print name

Rhonda Rogers

E-mail address:

rogerr@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

TITLE

Deputy Oil &amp; Gas Inspector

DATE

JUL 24 2007

Conditions of Approval (if any):

District #3

LATITUDE: 36°29.0275'N  
 LONGITUDE: 107°45.1008'W  
 DATUM: NAD1927

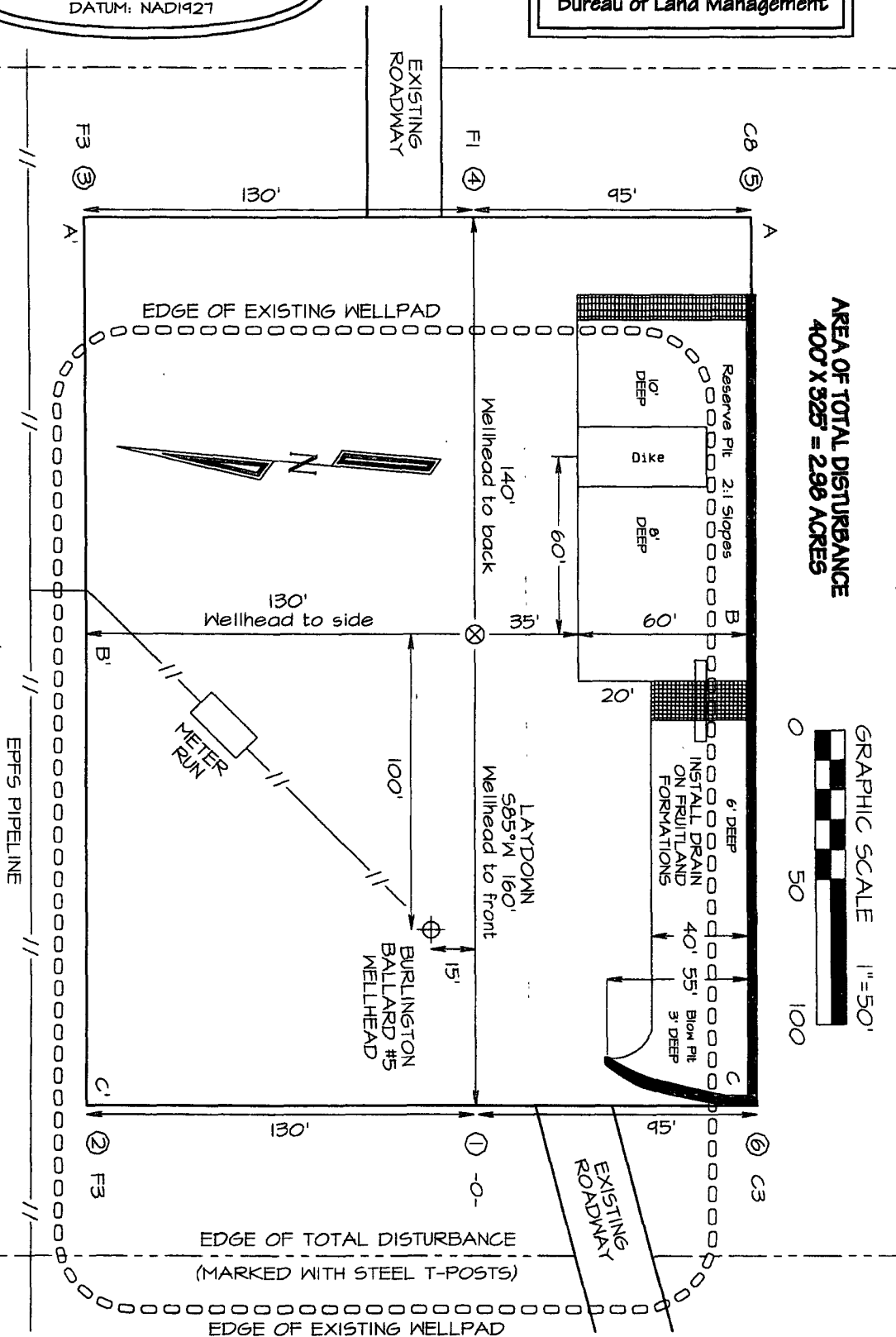
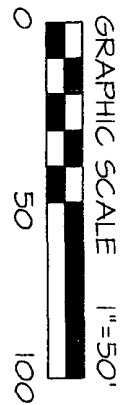
~ SURFACE OWNER ~

Bureau of Land Management

**BURLINGTON RESOURCES OIL & GAS COMPANY BALLARD #14G**  
**1065' FSL & 705' FEL, SECTION 14, T26N, R9W, NMPM**  
**SAN JUAN COUNTY, NEW MEXICO ELEVATION: 6323'**

EDGE OF TOTAL DISTURBANCE (MARKED WITH STEEL T-POSTS)

AREA OF TOTAL DISTURBANCE  
 400' X 325' = 298 ACRES



NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.

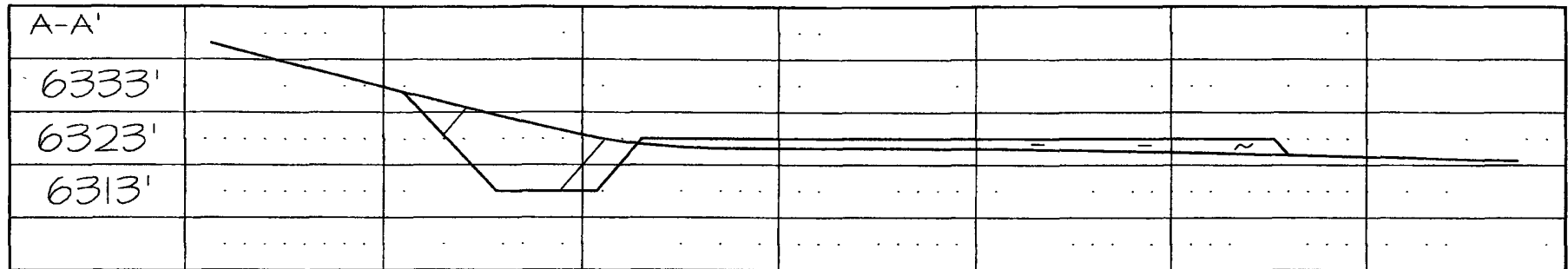
CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

**BURLINGTON RESOURCES OIL & GAS COMPANY BALLARD #14G**  
**1065' FSL & 705' FEL, SECTION 14, T26N, R9W, NMPM**  
**SAN JUAN COUNTY, NEW MEXICO ELEVATION: 6323'**

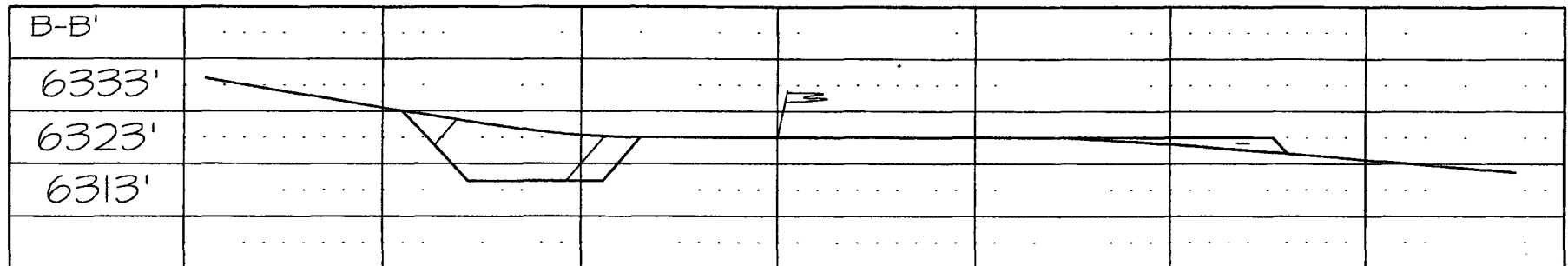
HORIZONTAL SCALE 1"=40'

C/L

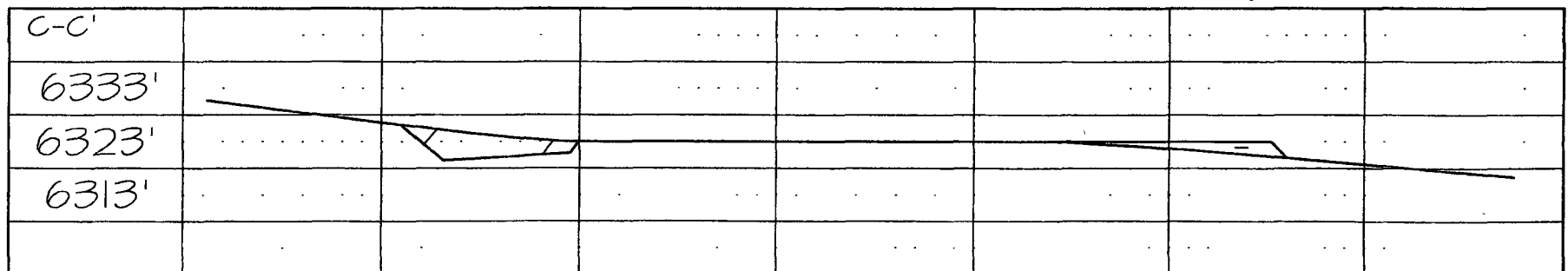
VERTICAL SCALE 1"=30'



C/L



C/L



NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

BALLARD 14G

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7166			AFE \$: 560,319.20	
Field Name: hBR_SAN JUAN		Rig: Bearcat Rig 4		State: NM	County: SAN JUAN	API #:
Geologist:		Phone:	Geophysicist:		Phone:	
Geoscientist: Head, Chip F		Phone: 505-326-9772	Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797	Proj. Field Lead:		Phone:	
<b>Primary Objective (Zones):</b>						
<b>Zone</b>	<b>Zone Name</b>					
FRR	BASIN DAKOTA (PRORATED GAS)					
<b>Location:</b> Surface		<b>Datum Code:</b> NAD 27			<b>Straight Hole</b>	
Latitude: 36.483790	Longitude: -107.751677	X:	Y:	Section: 14	Range: 009W	
Footage X: 705 FEL	Footage Y: 1065 FSL	Elevation: 6323	(FT)	Township: 026N		
Tolerance:						
Location Type:		Start Date (Est.):		Completion Date:		Date In Operation:
Formation Data: Assume KB = 6335 Units = FT						
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	320	6015	<input type="checkbox"/>			320' 8 5/8" 24 ppf, J-55, STC casing. Cement with 319 cuft. Circulate cement to surface.
OJO ALAMO	1205	5130	<input type="checkbox"/>			
KIRTLAND	1330	5005	<input type="checkbox"/>			
FRUITLAND	1749	4586	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2007	4328	<input type="checkbox"/>			
LEWIS	2090	4245	<input type="checkbox"/>			
HUERFANITO BENTONITE	2417	3918	<input type="checkbox"/>			
CHACRA	2867	3468	<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	3555	2780	<input type="checkbox"/>			
MENEFEE	3645	2690	<input type="checkbox"/>			
MASSIVE POINT LOOKOUT	4427	1908	<input type="checkbox"/>			GAS
MANCOS	4807	1528	<input type="checkbox"/>			
UPPER GALLUP	5460	875	<input type="checkbox"/>			
GREENHORN	6317	18	<input type="checkbox"/>			
GRANEROS	6370	-35	<input type="checkbox"/>			
TWO WELLS	6394	-59	<input type="checkbox"/>	1850		Gas
PAGUATE	6490	-155	<input type="checkbox"/>			
CUBERO	6560	-225	<input type="checkbox"/>			
ENCINAL	6628	-293	<input type="checkbox"/>			
Intermediate Casing	6668	-333	<input type="checkbox"/>			7-7/8" Hole. 6668' 4-1/2", 11.6 ppf, N-80, LTC casing. Cement with 1988 cuft. Circulate cement to surface.
TOTAL DEPTH DK	6668	-333	<input type="checkbox"/>			Assuming this will be mud-drilled, we already allowed for 40' mud shoe.
<b>Reference Wells:</b>						
Reference Type	Well Name		Comments			

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

BALLARD 14G

DEVELOPMENT

<b>Logging Program:</b>			
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: 20' above TD.							

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

Comments: Location/Tops/Logging - DKNM026N009W14SE2 Avoid O, twin Ballard 1-14 (PC), else prefer P,I,J - whole 1/4 within BLM wildlife project area.

Zones - DKNM026N009W14SE2