

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

MAY 18 2010

1a. Type of Work DRILL	5. Lease Number SF-078198	
1b. Type of Well GAS	6. If Indian, All. or Tribe NMNM 76138 (MV) NMNM 73927 (DK)	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name RCVD JUN 22 '10 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 NYE SRC 9. Well Number 14N	
4. Location of Well Surface: Unit B (NWNE), 1075' FNL & 1494' FEL Bottomhole: Unit H (SENE), 2060' FNL & 725' FEL Surface: Latitude: 36.81596° N (NAD83) Lot 2 B Longitude: 107.93888° W Bottomhole: Latitude: 36.81322° N (NAD83) Longitude: 107.93627° W API # 30-045- 35754	10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 13, T30N, R11W	
14. Distance in Miles from Nearest Town 4 miles / Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 725'	17. Acres Assigned to Well 320.00 E/2 (DK) & 313.14 E/2 (MV) 313.14	
16. Acres in Lease 1,597.47	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 53' from Lloyd 1 (PC)	
19. Proposed Depth 7186'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6062' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	Date <u>5/14/2010</u>	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY D. Montecino TITLE AFM DATE 6/17/2010

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

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

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 Directional Survey
and "As Drilled" plat

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

JUN 24 2010
NMOCD

NOTIFY AZTEC OCD 24-HRS.
PRIOR TO CASING & CEMENT
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. 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

OIL CONSERVATION DIVISION

1220 South St. Francis
Santa Fe, NM 87505

RECEIVED

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

Bureau of Land Management

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35154	² Pool Code 72319 / 71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 18592	⁵ Property Name NYE SRC	⁶ Well Number 14 N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6062'

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
B	13	30N	11W	2	1075'	NORTH	1494'	EAST	SAN JUAN

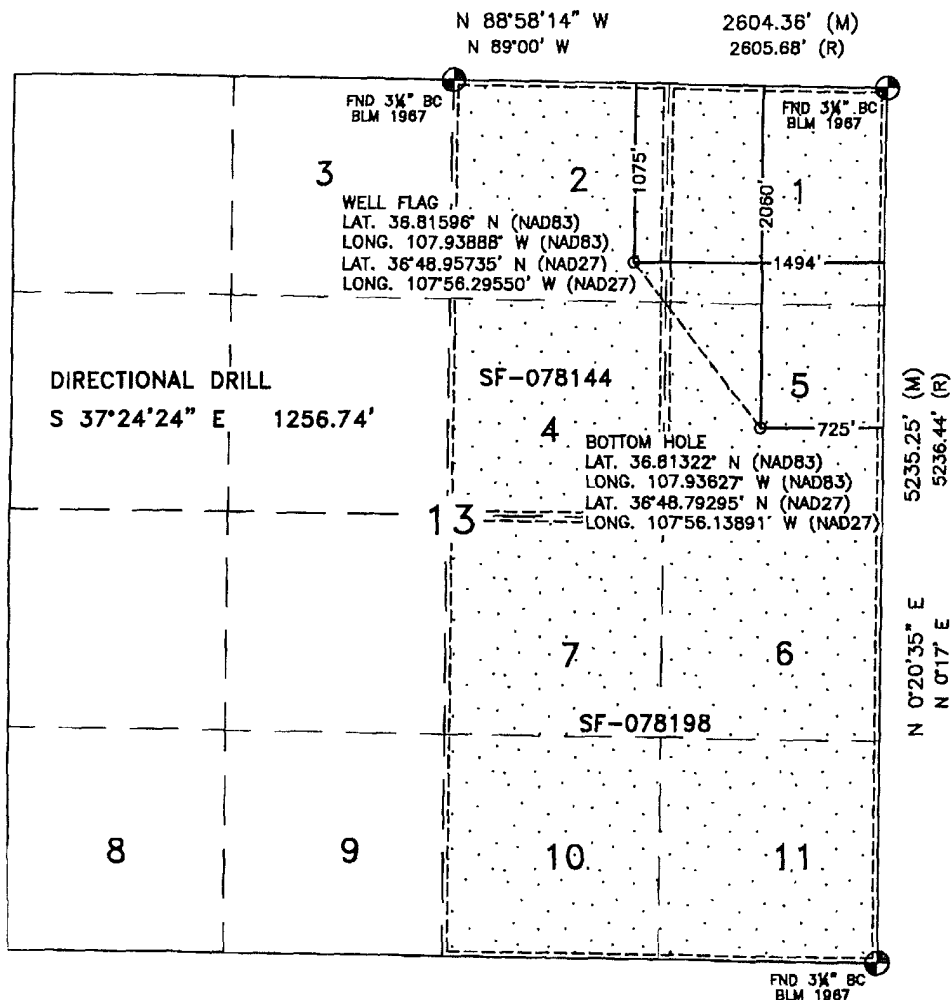
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	13	30N	11W	5	2060'	NORTH	725'	EAST	SAN JUAN

¹² Dedicated Acres DK- 313.14 ACRES (E/2) MV-313.14 ACRES (E/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 or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 4/29/09
Signature Date

Crystal Tafoya 4-29-09

Printed Name

¹⁸ SURVEYOR CERTIFICATION

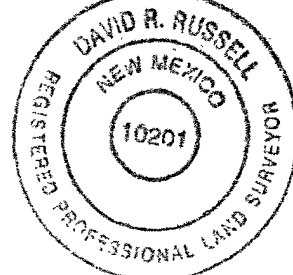
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

APRIL 9, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

NYE SRC 14N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9055		AFE \$: 1,654,589.36	
Field Name: SAN JUAN		Rig: H&P Rig 282		State: NM	County: SAN JUAN
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist:		Phone:	Prod. Engineer:		Phone:
Res. Engineer:		Phone:	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		Directional			
Latitude: 36.815956	Longitude: -107.938258	X:	Y:	Section: 13	Range: 011W
Footage X: 1494 FEL	Footage Y: 1075 FNL	Elevation: 6062	(FT)	Township: 030N	
Tolerance:					
Location: Bottom Hole					
Datum Code: NAD 27		Directional			
Latitude: 36.813216	Longitude: -107.935648	X:	Y:	Section: 13	Range: 011W
Footage X: 725 FEL	Footage Y: 2060 FNL	Elevation:	(FT)	Township: 030N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2012		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6078 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	201	5877	☐		
OJO ALAMO	1176	4902	☐		
KIRTLAND	1299	4779	☐		
FRUITLAND	1980	4098	☐		Possible Gas
PICTURED CLIFFS	2570	3508	☐		
LEWIS	2742	3336	☐		
HUERFANITO BENTONITE	3328	2750	☐		
CHACRA	3604	2474	☐		
UPPER CLIFF HOUSE	4155	1923	☐		Gas; Est. Top Perf - 4155 (1921)
MASSIVE CLIFF HOUSE	4220	1858	☐	708	Gas; Cliffhouse Is Wet
MENELEE	4397	1681	☐		
Intermediate Casing	4546	1532	☐		
POINT LOOKOUT	4878	1200	☐		
MANCOS	5240	838	☐		
UPPER GALLUP	6126	-48	☐		
GREENHORN	6868	-790	☐		
GRANEROS	6924	-846	☐		
TWO WELLS	6977	-899	☐	1944	Gas
PAGUATE	7061	-983	☐		
UPPER CUBERO	7106	-1028	☐		
LOWER CUBERO	7112	-1034	☐		Est. Btm Perf - 7164 (-1088) based on offset wells
ENCINAL	7166	-1088	☐		TD - 20' below T/ENCN

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

NYE SRC 14N

DEVELOPMENT

Total Depth 7186 -1108 ☐ 6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80 LTC casing. Cement w/ 364 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Production	Nye 14	30N 11W 13 NW SE
Production	Schumacher 3	30N 10W 18 NE SW NW
Production	Nye D-10	30N 11W 12 SW SE
Production	Nye 14-E	30N 11W 13 NE SW NE

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

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

Cased Hole GR / CBL

Mudlog from 100' above top of GRHN to TD - mudlogger will call 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 Nye SRC #14N
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6077.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6077.0ft (Original Well Elev)
Site:	Other Named Wells	North Reference:	True
Well:	Nye SRC #14N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
7,184.7	6,976.0	Two Wells		0.00	
6,333.7	6,125.0	Upper Gallup		0.00	
5,447.7	5,239.0	Mancos		0.00	
3,484.1	3,327.0	Huerfano Bentonite		0.00	
1,188.2	1,175.0	Ojo Alamo		0.00	
5,085.7	4,877.0	Point Lookout		0.00	
3,778.8	3,603.0	Chacra		0.00	
4,359.9	4,154.0	Upper Cliff House		0.00	
2,858.5	2,741.0	Lewis		0.00	
2,674.9	2,569.0	Pictured Cliffs		0.00	
2,045.0	1,979.0	Fruitland Coal		0.00	
7,131.7	6,923.0	Graneros		0.00	
7,268.7	7,060.0	Paguate		0.00	
4,426.1	4,219.0	Massive Cliff House		0.00	
4,604.6	4,396.0	Menefee		0.00	
1,318.1	1,298.0	Kirtland		0.00	
7,075.7	6,867.0	Greenhorn		0.00	

REFERENCE INFORMATION

RKB @ 6077.0ft (Original Well Elev)
Ground Elevation 6062.1
Reference Lat: 36° 48' 57.441 N
Reference Long: 107° 56' 17.730 W

Project: San Juan Basin - New Mexico Well
Site: Other Named Wells
Well: Nye SRC #14N
Wellbore: Principal Wellbore
Design: Plan #1

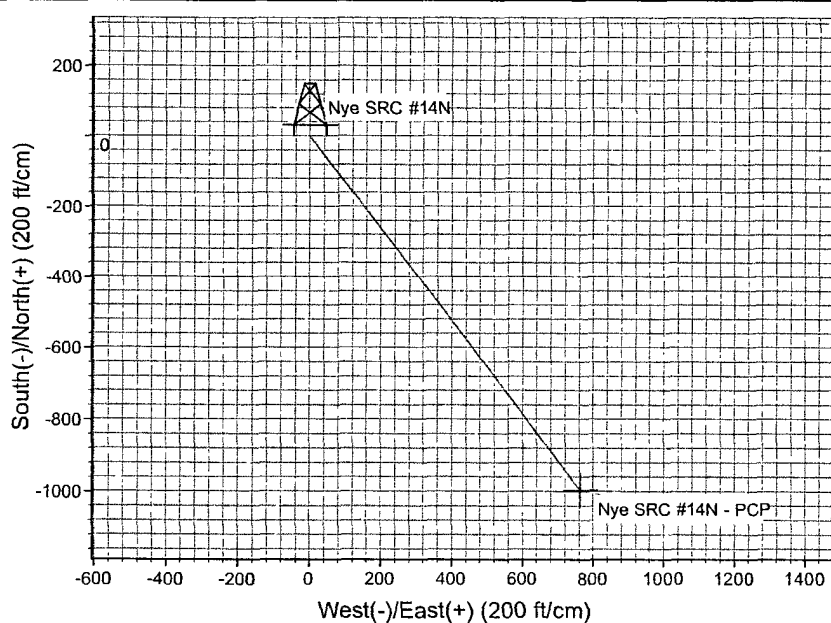
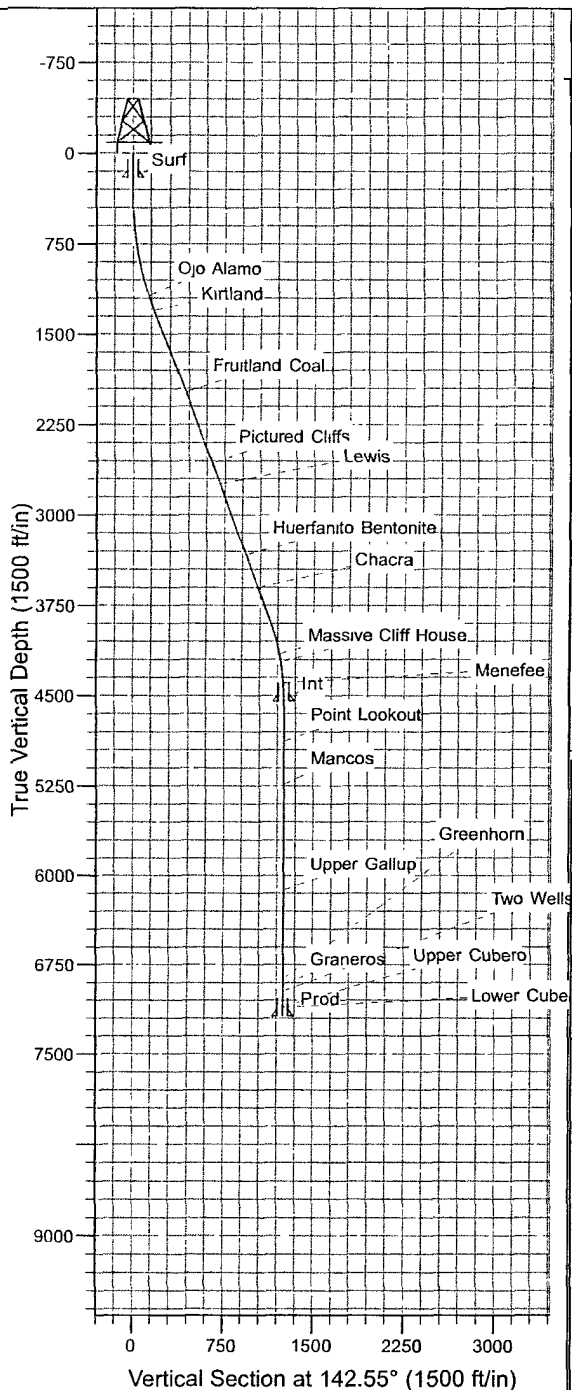
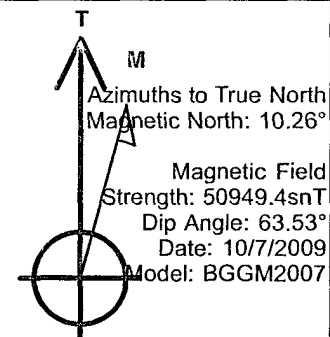


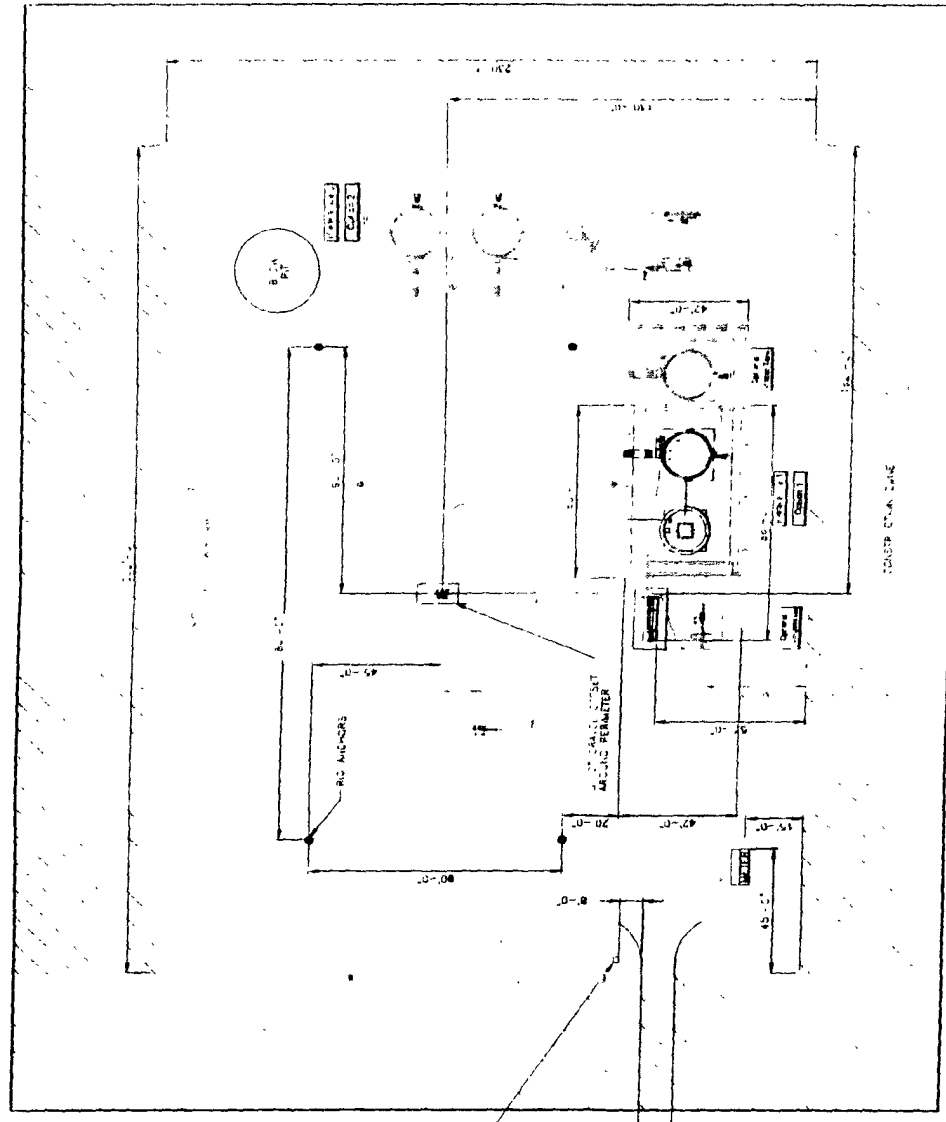
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.0	
3	1344.7	20.49	142.55	1323.0	-143.9	110.2	2.00	142.55	181.3	
4	4070.6	20.49	142.55	3876.3	-901.6	690.5	0.00	0.00	1135.7	
5	4753.7	0.00	0.00	4545.0	-997.6	764.0	3.00	180.00	1256.5	Nye SRC #14N - ICP
6	7392.7	0.00	0.00	7184.0	-997.6	764.0	0.00	0.00	1256.5	Nye SRC #14N - PCP

FORMATION TOP DETAILS

VDP	MD	Formation
1175.0	1188.2	Ojo Alamo
1298.0	1318.1	Kirtland
1979.0	2045.0	Fruitland Coal
2569.0	2674.9	Pictured Cliffs
2741.0	2858.5	Lewis
3327.0	3484.1	Huerfano Bentonite
3603.0	3778.8	Chacra
4154.0	4359.9	Upper Cliff House
4219.0	4426.1	Massive Cliff House
4396.0	4604.6	Menefee
4877.0	5085.7	Point Lookout
5239.0	5447.7	Mancos
6125.0	6333.7	Upper Gallup
6867.0	7075.7	Greenhorn
6923.0	7131.7	Graneros
6976.0	7184.7	Two Wells
7060.0	7268.7	Paguate
7105.0	7313.7	Upper Cubero
7111.0	7319.7	Lower Cubero
7165.0	7373.7	Encinal





FLOW LINE 1
 SALES LINE
 PIT LINE
 OIL LINE

AS SHOWN ON THE PLAN, THE
 LOCATION OF THE B-1A PIT IS

CONCRETE WORK										STEEL ERECTION										CATHODIC RECTIFIER									
NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL	NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL	NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL	NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL	NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
1	CONCRETE					11	STEEL					21	CATHODIC					31	RECTIFIER					41	LOCATION				
2	STEEL					12	CONCRETE					22	STEEL					32	RECTIFIER					42	LOCATION				
3	CONCRETE					13	STEEL					23	CONCRETE					33	RECTIFIER					43	LOCATION				
4	STEEL					14	CONCRETE					24	STEEL					34	RECTIFIER					44	LOCATION				
5	CONCRETE					15	STEEL					25	CONCRETE					35	RECTIFIER					45	LOCATION				
6	STEEL					16	CONCRETE					26	STEEL					36	RECTIFIER					46	LOCATION				
7	CONCRETE					17	STEEL					27	CONCRETE					37	RECTIFIER					47	LOCATION				
8	STEEL					18	CONCRETE					28	STEEL					38	RECTIFIER					48	LOCATION				
9	CONCRETE					19	STEEL					29	CONCRETE					39	RECTIFIER					49	LOCATION				
10	STEEL					20	CONCRETE					30	STEEL					40	RECTIFIER					50	LOCATION				

ConocoPhillips
 SAN JUAN BUSINESS UNIT

SHEET NO. 1
 TOTAL SHEETS 1

BURLINGTON RESOURCES OIL & GAS COMPANY LP

NYE SRC #14 N

1075' FNL & 1494' FEL

LOCATED IN THE NW/4 NE/4 OF SECTION 13,
T30N, R11W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM HWY 550 & HWY 516 IN AZTEC, TRAVEL NORTH ON HWY 550 FOR 1.05 MILES.
- 2) TURN RIGHT ONTO HWY 173 & TRAVEL EASTERLY FOR 2.55 MILES.
- 3) TURN RIGHT & TRAVEL FOR 0.25 MILES TO WELL LOCATOIN ON RIGHT WHERE IT IS
TWINNED WITH D.H. LOCATION.

WELL FLAG LOCATED AT LAT. 36.81596° N, LONG. 107.93888° W (NAD 83).

