

We have several wells that are in APD status and have never been approved. Email with Pasty stated Brandie Blakley would look into these wells and get back with us dated 01/30/2011.

Please let us know what ConocoPhillip's position is in regards to the list of APDs.

I found these records in my system and I am looking for file:

Lively #21P submitted 02/26/2013 API: 30-039-31188 – **Can be cancelled**

San Juan 29-7 Unit #520S submitted 09/13/2006 API: Unknown (maybe it is a moved well?)

**API# 30-039-29816 – Well was spud 10/31/2006 and 1<sup>st</sup> Delivered 1/5/2007**

Tommy Bolack #1P submitted 11/08/2012 API: unknown

**API# 30-045-35436 – Well was spud 3/4/2013 and 1<sup>st</sup> Delivered 10/8/2014**

Heaton Com A #101 submitted 03/03/2010 API: unknown – **Can be cancelled**

I have well files for these:

Huerfano Unit HZDK #1H submitted 12/19/2014 API: 30-045-35626 - **Request APD be processed**

Lively #6N submitted 02/26/2013 API: 30-045-35463 – **Can be cancelled**

Nye #10P submitted 02/25/2013 API: 30-045-35464 - **Can be cancelled**

✓ Rock Island #1M submitted 02/26/2013 API: 30-045-35464 – **Can be cancelled** AV-10-19-14

Michener #1N submitted 02/26/2013 API: 30-045-35462 – **Can be cancelled**

San Juan 32-7 Unit #63N submitted 11/21/08 API: 30-045-34852 – **Can be cancelled**

San Juan 31-6 Unit #36F submitted 08/03/2007 API: 30-039-30313 – **Can be cancelled**

San Juan 31-6 Unit #39F submitted 04/18/2007 API: 30-039-30249 – **Can be cancelled**

OIL CONS. DIV DIST. 3  
OCT 03 2016

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

FEB 26 2013

Farmington Field Office  
Bureau of Land Management

OIL CONS. DIV. DIST. 3  
DICT 03 2013

1a. Type of Work DRILL	5. Lease Number NM-03999 Unit Reporting Number	
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 Rock Island 9. Well Number 1M	
4. Location of Well Surface: Unit F (SE/NW), 1397' FNL & 1411' FWL BHL : Unit F (SE/NW), 2015' FNL & 1830' FWL  Surface: Latitude: 36.7141234° N (NAD83) Longitude: 107.7699623° W BHL : Latitude: 36.7124124° N (NAD83) Longitude: 107.7685032° W	10. Field, Pool, Wildcat Basin DK/Blanco MV/Basin MC 11. Sec., Twn, Rge, Mer. (NMPM) Surface: Sec. 22, T29N, R9W Bottom Hole: Sec. 22, T29N, R9W  API # 30-045-35464	
14. Distance in Miles from Nearest Town 4 from: Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 710'	17. Acres Assigned to Well DK/MV/MC 311.8 (W/2)	
16. Acres in Lease 951.800	ON FEDERAL AND INDIAN LANDS	
18. Distance from Proposed Location to Nearest Well, Dhg, Compl, or Applied for on this Lease 253' from: Grambling 4 (Pictured Cliffs Well)	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 6779'	22. Approx. Date Work will Start	
21. Elevations (DF, FT, GR, Etc.) 5754' GL	24. Authorized by: <u>Kenny Davis (Staff Regulatory Tech)</u> Date: <u>2/26/13</u>	
23. Proposed Casing and Cementing Program See Operations Plan attached		

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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

NMOCD

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

RECEIVED

DISTRICT I  
1825 N. French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
DISTRICT II  
811 S. First St., Artesia, N.M. 88210  
Phone: (575) 748-1283 Fax: (575) 748-0720  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, N.M. 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102

Revised August 1, 2011

OIL CONSERVATION DIVISION

FEB 26 2012

Submit one copy to appropriate

District Office

1220 South St. Francis Dr. Farmington Field Office  
Santa Fe, N.M. 87505 Bureau of Land Management

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-		*Pool Code 71599/72319/97232		*Pool Name BASIN DAKOTA / BLANCO MESA VERDE / BASIN MANCOS	
*Property Code 18613		*Property Name ROCK ISLAND			*Well Number 1M
*OGRID No. 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			*Elevation 5754

10 Surface Location

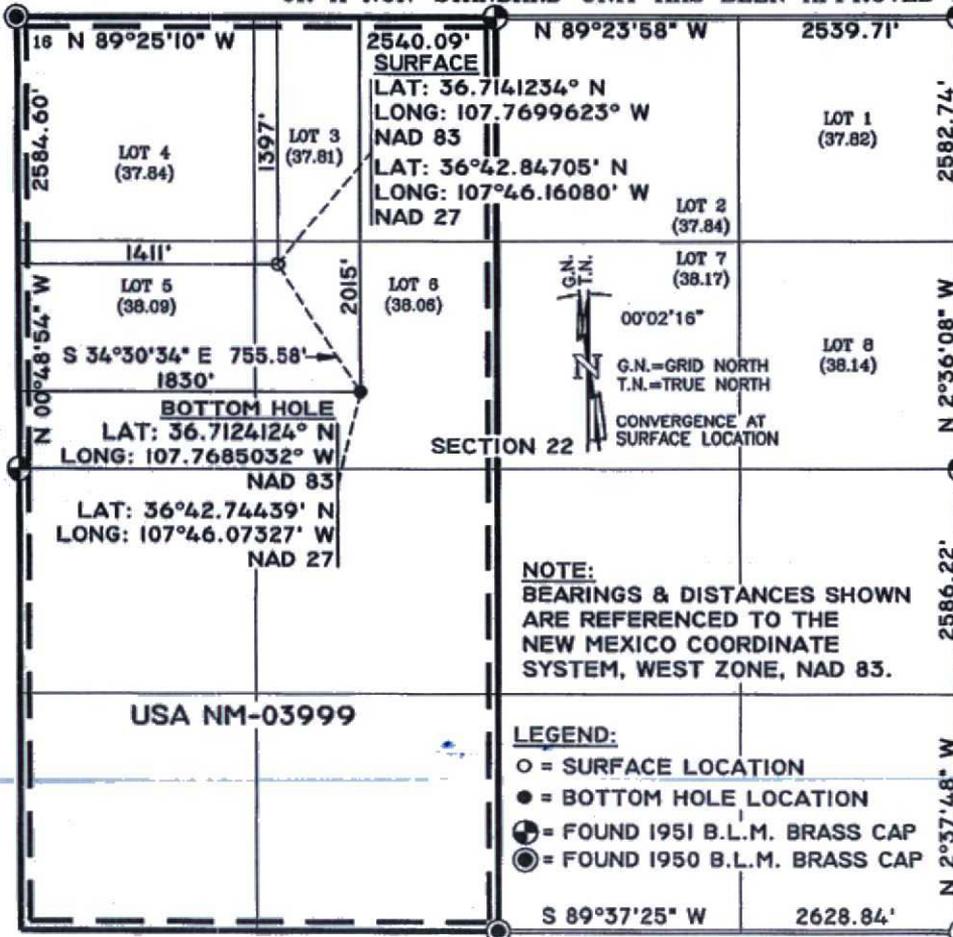
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	22	29 N	9 W	LOT 6	1397	NORTH	1411	WEST	SAN JUAN

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
F	22	29 N	9 W	LOT 6	2015	NORTH	1830	WEST	SAN JUAN

*Dedicated Acres DK/MV/MC 311.8 (W/2)		*Joint or Infill	*Consolidation Code	*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



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

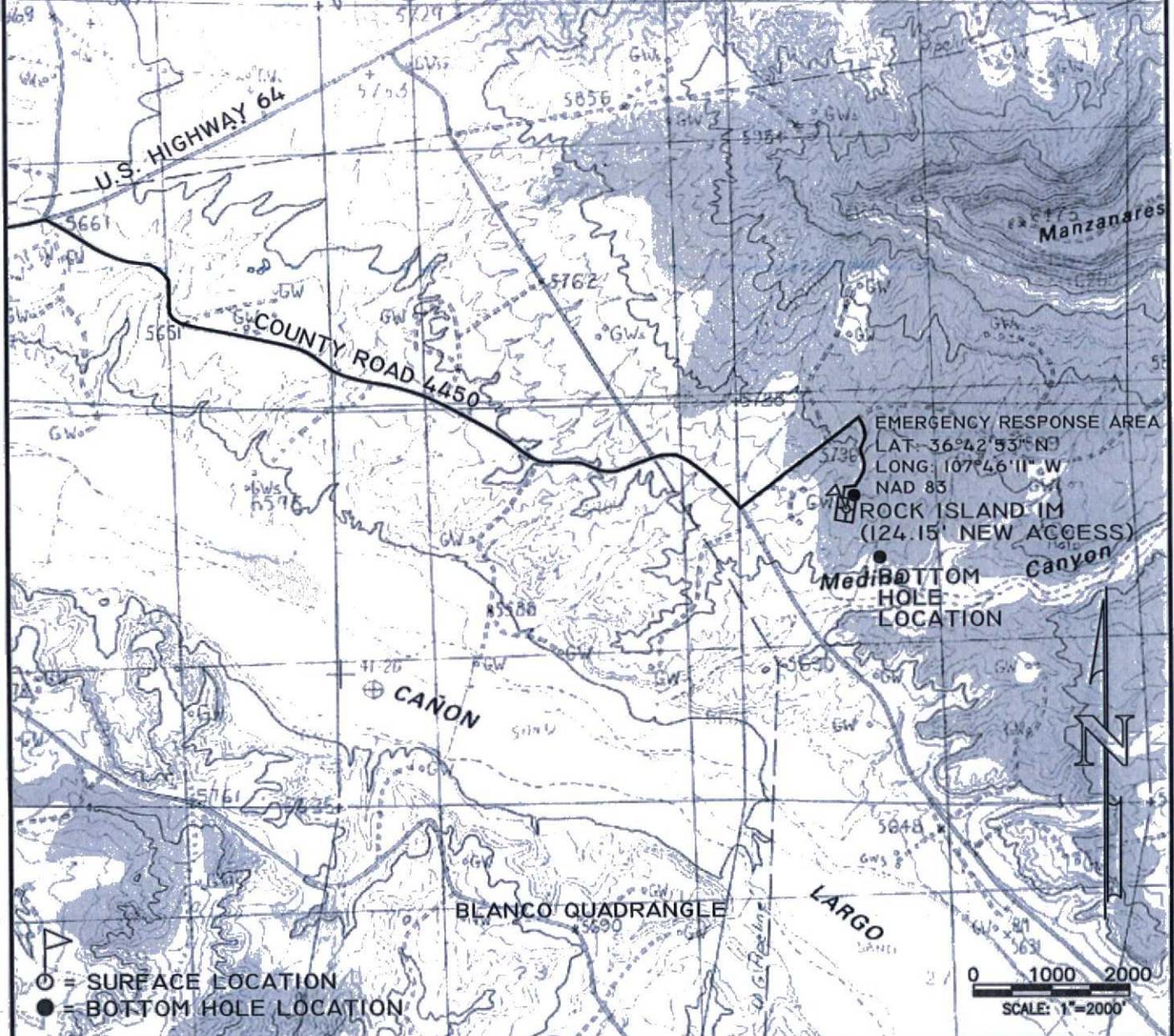
Arleen Kellywood 8/6/12  
Signature Date  
Arleen Kellywood  
Printed Name  
arleen.r.kellywood@conocophillips.com  
E-mail Address

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.

4/29/11  
Date of Survey  
Signature and Seal of Professional Surveyor  
MARSHALL W. LINDEN  
NEW MEXICO  
17078  
1-27-12  
PROFESSIONAL SURVEYOR  
17078  
Certificate Number

**BURLINGTON RESOURCES OIL & GAS COMPANY LP**  
**ROCK ISLAND 1M**  
 1397' FNL & 1411' FWL (SURFACE)  
 2015' FNL & 1830' FWL (BOTTOM HOLE)  
 SECTION 22, T29-N, R-9-W, N.M.P.M.  
 SAN JUAN COUNTY, NEW MEXICO



EMERGENCY RESPONSE AREA  
 LAT: 36°42'55" N  
 LONG: 107°46'11" W  
 NAD 83  
**ROCK ISLAND 1M**  
 (124.15' NEW ACCESS)  
**BOTTOM HOLE LOCATION**

SURFACE TYPE: BUREAU OF LAND MANAGEMENT  
 1397' FNL, 1411' FWL (SURFACE)  
 FOOTAGES: 2015' FNL, 1830' FWL (BOTTOM HOLE)  
 SEC. 22 TWN. 29 N RNG. 9 W N.M.P.M.  
 LAT: N 36.7141234° LONG: W 107.7699623° (NAD 83)  
 PROPOSED ELEVATION: 5754

**BURLINGTON**  
**RESOURCES OIL & GAS COMPANY LP**



P.O. BOX 3651  
 FARMINGTON, NM 87499  
 OFFICE: (505) 334-0408

DWG. NO. : 9982T01		REVISION: 1
DRAWN BY: H.S.	DATE DRAWN: 05/24/11	REV. DATE:
SURVEYED: 04/29/11	APP. BY: M.W.L.	SHEET: 1



ENTERPRISE FIELD SERVICES, LLC

KUTZ GATHERING SYSTEM

DWG. NO. KLB039-018-01

LINE BURLINGTON RESOURCES O&G CO. LP - ROCK ISLAND NO. 1M

WO NO. 1170063

FROM 0+00 = 78+55.20 ON KUTZ LATERAL 3B-39  
(039B733.00-0001)

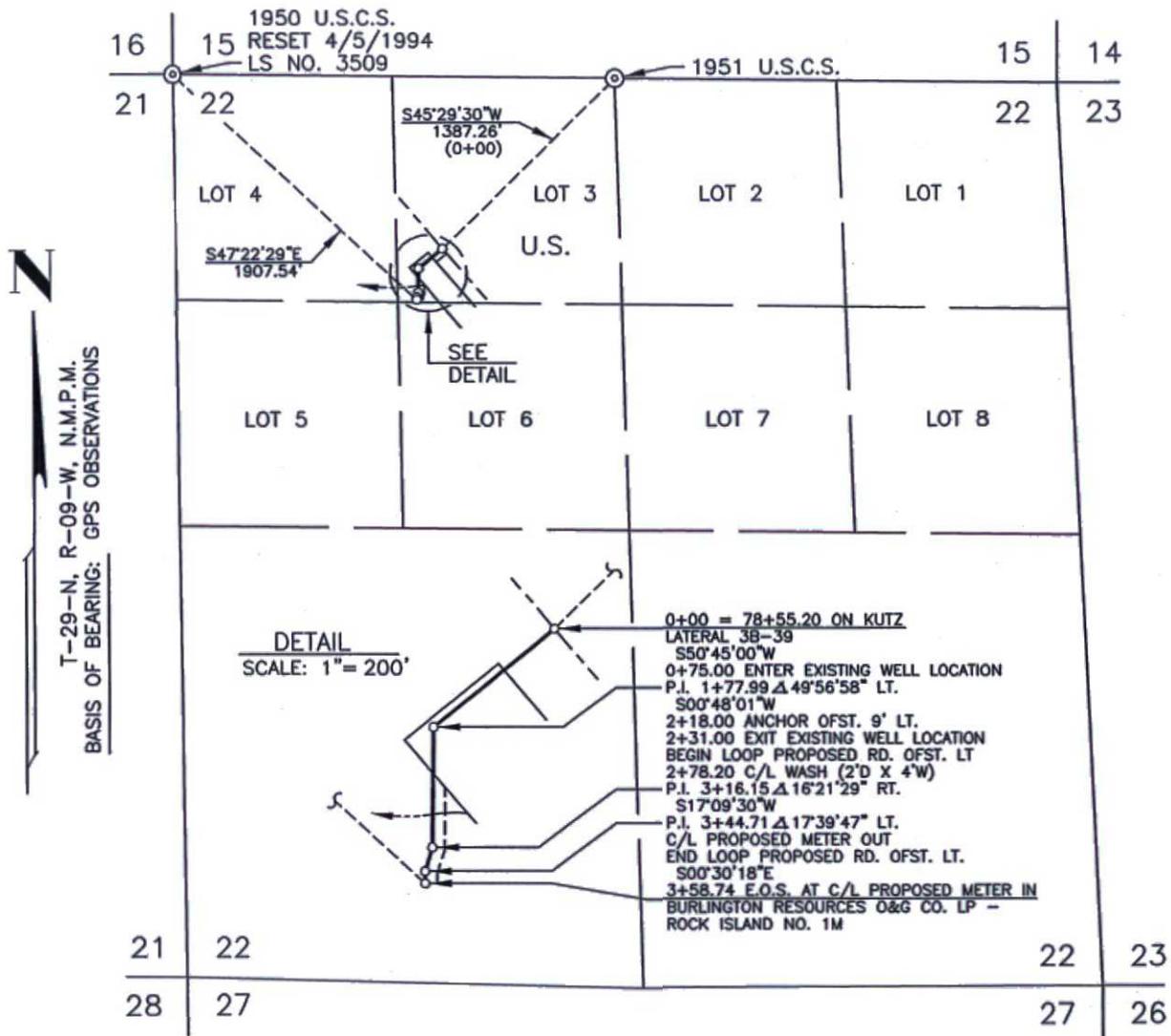
RW NO. 10/05/11

DATE 10/05/11

SCALE 1" = 1000'

SURVEYED 09/28/11

COUNTY SAN JUAN STATE NEW MEXICO SECTION 22 TOWNSHIP 29-N RANGE 09-W



N  
T-29-N, R-09-W, N.M.P.M.  
BASIS OF BEARING: GPS OBSERVATIONS

DWN. BY LB CONSTR. COMMENCED \_\_\_\_\_ APPL. DWG. \_\_\_\_\_ SLACK CHAIN \_\_\_\_\_  
CKD. BY MD CONSTR. COMPLETED \_\_\_\_\_ DATE \_\_\_\_\_ PIPE SIZE 4.50" O.D.

PRINT RECORD	PIPE DATA	METER STA. NO.	MV/DK
7 SI DISTRIB 10/07/11			

NOTE: WELL FLAG  
SURVEY LOOPS AROUND EXISTING WELL LOCATON & LOOPS PROPOSED ROAD  
RESURVEY DUE TO BLM'S REQUEST  
LOCATION NOT BUILT  
FORMERLY DRAWING NO. BLC041-032-01, NOW VOID  
SURFACE LOCATION: 1397' FNL, 1411' FWL

SUBDIVISION	OWNER	LESSEE	METER(S)	RODS	ACRE(S)
ALL SECTION 22	UNITED STATES	ESTEVAN A. & LILLIAN S. CHAVEZ, et al		21.742	0.329

KLB039-018-01 FM24 (Rev. 1/99)

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ROCK ISLAND 1M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.1062		AFE \$:	
Field Name: SAN JUAN		Rig: Aztec Rig 920		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	
				Phone:	

**Primary Objective (Zones):**

Zone	Zone Name
RON	BLANCO MESAVERDE (PRORATED GAS)
RCO085	MANCOS(RCO085)
FRR	BASIN DAKOTA (PRORATED GAS)

**Location: Surface** Datum Code: NAD 27 **Directional**

Latitude: 36.714117	Longitude: -107.769347	X:	Y:	Section: 22	Range: 009W
Footage X: 1411 FWL	Footage Y: 1397 FNL	Elevation: 5754	(FT)	Township: 029N	

Tolerance:

**Location: Bottom Hole** Datum Code: NAD 27 **Directional**

Latitude: 36.712406	Longitude: -107.767888	X:	Y:	Section: 22	Range: 009W
Footage X: 1830 FWL	Footage Y: 2015 FNL	Elevation:	(FT)	Township: 029N	

Tolerance:

Location Type: Year Round Start Date (Est.): 1/1/2014 Completion Date: Date In Operation:

Formation Data: Assume KB = 5769 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5569		<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 94 cuft. Circulate cement to surface.
OJO ALAMO	1080	4689		<input type="checkbox"/>			Nacimiento is at surface here.
KIRTLAND	1251	4518		<input type="checkbox"/>			
FRUITLAND	1742	4027		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2238	3531		<input type="checkbox"/>	347		
LEWIS	2375	3394		<input type="checkbox"/>			
Intermediate Casing	2522	3247		<input type="checkbox"/>		121	8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 555 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3085	2684		<input type="checkbox"/>			
CHACRA	3217	2552		<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	3882	1887		<input type="checkbox"/>	377		Gas; Cliffhouse is dry
MENELEE	3976	1793		<input type="checkbox"/>			
POINT LOOKOUT	4482	1287		<input type="checkbox"/>			
MANCOS	4903	866		<input type="checkbox"/>			
UPPER GALLUP	5708	61		<input type="checkbox"/>			
GREENHORN	6455	-686		<input type="checkbox"/>			
GRANEROS	6514	-745		<input type="checkbox"/>			
TWO WELLS	6574	-805		<input type="checkbox"/>	2721		Gas
PAGUATE	6650	-881		<input type="checkbox"/>			
UPPER CUBERO	6681	-912		<input type="checkbox"/>			
LOWER CUBERO	6695	-926		<input type="checkbox"/>			
ENCINAL	6749	-980		<input type="checkbox"/>			Suggested TD ~30' + T/Encinal

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ROCK ISLAND 1M

DEVELOPMENT

Total Depth	6779	-1010	<input type="checkbox"/>	200	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC/BTC casing. Cement w/ 580 cuft. Circulate cement a minimum of 100' inside the previous casing string.
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**Reference Wells:**

Reference Type	Well Name	Comments
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**Logging Program:**

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

TD Logs:  Triple Combo  Dipmeter  RFT  Sonic  VSP  TDT

**Additional Information:**

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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# **ConocoPhillips SJB**

**San Juan Basin - New Mexico West Wells**

**Other Named Wells**

**Rock Island 1M**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

**18 February, 2013**

# ConocoPhillips

## Planning Report

<b>Database:</b> EDM Central Planning	<b>Local Co-ordinate Reference:</b> Well Rock Island 1M	
<b>Company:</b> ConocoPhillips SJB	<b>TVD Reference:</b> KB @ 5769.0usft (Original Well Elev)	
<b>Project:</b> San Juan Basin - New Mexico West Wells	<b>MD Reference:</b> KB @ 5769.0usft (Original Well Elev)	
<b>Site:</b> Other Named Wells	<b>North Reference:</b> Grid	
<b>Well:</b> Rock Island 1M	<b>Survey Calculation Method:</b> Minimum Curvature	
<b>Wellbore:</b> Wellbore #1		
<b>Design:</b> Design #1		

<b>Project</b> San Juan Basin - New Mexico West Wells, New Mexico, Directional "S"			
<b>Map System:</b> US State Plane 1927 (Exact solution)	<b>System Datum:</b> Ground Level		
<b>Geo Datum:</b> NAD 1927 (NADCON CONUS)			
<b>Map Zone:</b> New Mexico West 3003	Using geodetic scale factor		

<b>Site</b> Other Named Wells			
<b>Site Position:</b>	<b>Northing:</b> 2,108,178.26 usft	<b>Latitude:</b> 36° 47' 33.793 N	
<b>From:</b> Lat/Long	<b>Easting:</b> 643,887.63 usft	<b>Longitude:</b> 107° 20' 30.932 W	
<b>Position Uncertainty:</b> 15.0 usft	<b>Slot Radius:</b> 6-1/8"	<b>Grid Convergence:</b> 0.29 °	

<b>Well</b> Rock Island 1M			
<b>Well Position</b> +N-S	0.0 usft	<b>Northing:</b> 2,079,200.01 usft	<b>Latitude:</b> 36° 42' 50.823 N
+E-W	0.0 usft	<b>Easting:</b> 518,754.80 usft	<b>Longitude:</b> 107° 46' 9.648 W
<b>Position Uncertainty</b>	2.0 usft	<b>Wellhead Elevation:</b> usft	<b>Ground Level:</b> 5,754.0 usft

<b>Wellbore</b> Wellbore #1					
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	BGGM2012	2/18/2013	9.69	63.38	50,503

<b>Design</b> Design #1			
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<b>Audit Notes:</b>			
<b>Version:</b>	<b>Phase:</b> PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>
	0.0	0.0	0.0
			<b>Direction (°)</b> 145.49

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
310.0	0.00	0.00	310.0	0.0	0.0	0.00	0.00	0.00	0.00	
959.2	25.97	145.49	937.2	-119.2	81.9	4.00	4.00	0.00	145.49	
2,024.4	25.97	145.49	1,894.8	-503.5	346.1	0.00	0.00	0.00	0.00	
2,673.5	0.00	0.00	2,522.0	-622.6	428.1	4.00	-4.00	0.00	180.00	ICP
6,930.5	0.00	0.00	6,779.0	-622.6	428.1	0.00	0.00	0.00	0.00	

## ConocoPhillips Planning Report

<b>Database:</b>	EDM Central Planning	<b>Local Co-ordinate Reference:</b>	Well Rock Island 1M
<b>Company:</b>	ConocoPhillips SJBW	<b>TVD Reference:</b>	KB @ 5769.0usft (Original Well Elev)
<b>Project:</b>	San Juan Basin - New Mexico West Wells	<b>MD Reference:</b>	KB @ 5769.0usft (Original Well Elev)
<b>Site:</b>	Other Named Wells	<b>North Reference:</b>	Grid
<b>Well:</b>	Rock Island 1M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

### Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
310.0	0.00	0.00	310.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	3.60	145.49	399.9	-2.3	1.6	2.8	4.00	4.00	0.00
500.0	7.60	145.49	499.4	-10.4	7.1	12.6	4.00	4.00	0.00
600.0	11.60	145.49	598.0	-24.1	16.6	29.3	4.00	4.00	0.00
700.0	15.60	145.49	695.2	-43.5	29.9	52.8	4.00	4.00	0.00
800.0	19.60	145.49	790.5	-68.4	47.0	83.0	4.00	4.00	0.00
900.0	23.60	145.49	883.5	-98.7	67.9	119.8	4.00	4.00	0.00
959.2	25.97	145.49	937.2	-119.2	81.9	144.6	4.00	4.00	0.00
1,000.0	25.97	145.49	973.9	-133.9	92.0	162.5	0.00	0.00	0.00
1,100.0	25.97	145.49	1,063.8	-170.0	116.9	206.3	0.00	0.00	0.00
1,200.0	25.97	145.49	1,153.7	-206.1	141.7	250.0	0.00	0.00	0.00
1,300.0	25.97	145.49	1,243.6	-242.1	166.5	293.8	0.00	0.00	0.00
1,400.0	25.97	145.49	1,333.5	-278.2	191.3	337.6	0.00	0.00	0.00
1,500.0	25.97	145.49	1,423.4	-314.3	216.1	381.4	0.00	0.00	0.00
1,600.0	25.97	145.49	1,513.3	-350.4	240.9	425.2	0.00	0.00	0.00
1,700.0	25.97	145.49	1,603.2	-386.5	265.7	469.0	0.00	0.00	0.00
1,800.0	25.97	145.49	1,693.1	-422.5	290.5	512.8	0.00	0.00	0.00
1,900.0	25.97	145.49	1,783.0	-458.6	315.3	556.5	0.00	0.00	0.00
2,000.0	25.97	145.49	1,872.9	-494.7	340.1	600.3	0.00	0.00	0.00
2,024.4	25.97	145.49	1,894.8	-503.5	346.1	611.0	0.00	0.00	0.00
2,100.0	22.94	145.49	1,963.7	-529.3	363.9	642.3	4.00	-4.00	0.00
2,200.0	18.94	145.49	2,057.1	-558.7	384.1	678.0	4.00	-4.00	0.00
2,300.0	14.94	145.49	2,152.7	-582.7	400.6	707.2	4.00	-4.00	0.00
2,400.0	10.94	145.49	2,250.1	-601.2	413.3	729.5	4.00	-4.00	0.00
2,500.0	6.94	145.49	2,348.9	-614.0	422.1	745.1	4.00	-4.00	0.00
2,600.0	2.94	145.49	2,448.5	-621.1	427.0	753.7	4.00	-4.00	0.00
2,673.5	0.00	0.00	2,522.0	-622.6	428.1	755.6	4.00	-4.00	0.00
2,700.0	0.00	0.00	2,548.5	-622.6	428.1	755.6	0.00	0.00	0.00
2,800.0	0.00	0.00	2,648.5	-622.6	428.1	755.6	0.00	0.00	0.00
2,900.0	0.00	0.00	2,748.5	-622.6	428.1	755.6	0.00	0.00	0.00
3,000.0	0.00	0.00	2,848.5	-622.6	428.1	755.6	0.00	0.00	0.00
3,100.0	0.00	0.00	2,948.5	-622.6	428.1	755.6	0.00	0.00	0.00
3,200.0	0.00	0.00	3,048.5	-622.6	428.1	755.6	0.00	0.00	0.00
3,300.0	0.00	0.00	3,148.5	-622.6	428.1	755.6	0.00	0.00	0.00
3,400.0	0.00	0.00	3,248.5	-622.6	428.1	755.6	0.00	0.00	0.00
3,500.0	0.00	0.00	3,348.5	-622.6	428.1	755.6	0.00	0.00	0.00
3,600.0	0.00	0.00	3,448.5	-622.6	428.1	755.6	0.00	0.00	0.00
3,700.0	0.00	0.00	3,548.5	-622.6	428.1	755.6	0.00	0.00	0.00
3,800.0	0.00	0.00	3,648.5	-622.6	428.1	755.6	0.00	0.00	0.00
3,900.0	0.00	0.00	3,748.5	-622.6	428.1	755.6	0.00	0.00	0.00
4,000.0	0.00	0.00	3,848.5	-622.6	428.1	755.6	0.00	0.00	0.00
4,100.0	0.00	0.00	3,948.5	-622.6	428.1	755.6	0.00	0.00	0.00
4,200.0	0.00	0.00	4,048.5	-622.6	428.1	755.6	0.00	0.00	0.00
4,300.0	0.00	0.00	4,148.5	-622.6	428.1	755.6	0.00	0.00	0.00
4,400.0	0.00	0.00	4,248.5	-622.6	428.1	755.6	0.00	0.00	0.00
4,500.0	0.00	0.00	4,348.5	-622.6	428.1	755.6	0.00	0.00	0.00
4,600.0	0.00	0.00	4,448.5	-622.6	428.1	755.6	0.00	0.00	0.00
4,700.0	0.00	0.00	4,548.5	-622.6	428.1	755.6	0.00	0.00	0.00
4,800.0	0.00	0.00	4,648.5	-622.6	428.1	755.6	0.00	0.00	0.00
4,900.0	0.00	0.00	4,748.5	-622.6	428.1	755.6	0.00	0.00	0.00

# ConocoPhillips Planning Report

<b>Database:</b>	EDM Central Planning	<b>Local Co-ordinate Reference:</b>	Well Rock Island 1M
<b>Company:</b>	ConocoPhillips SJB	<b>TVD Reference:</b>	KB @ 5769.0usft (Original Well Elev)
<b>Project:</b>	San Juan Basin - New Mexico West Wells	<b>MD Reference:</b>	KB @ 5769.0usft (Original Well Elev)
<b>Site:</b>	Other Named Wells	<b>North Reference:</b>	Grid
<b>Well:</b>	Rock Island 1M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,000.0	0.00	0.00	4,848.5	-622.6	428.1	755.6	0.00	0.00	0.00	
5,100.0	0.00	0.00	4,948.5	-622.6	428.1	755.6	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,048.5	-622.6	428.1	755.6	0.00	0.00	0.00	
5,300.0	0.00	0.00	5,148.5	-622.6	428.1	755.6	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,248.5	-622.6	428.1	755.6	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,348.5	-622.6	428.1	755.6	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,448.5	-622.6	428.1	755.6	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,548.5	-622.6	428.1	755.6	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,648.5	-622.6	428.1	755.6	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,748.5	-622.6	428.1	755.6	0.00	0.00	0.00	
6,000.0	0.00	0.00	5,848.5	-622.6	428.1	755.6	0.00	0.00	0.00	
6,100.0	0.00	0.00	5,948.5	-622.6	428.1	755.6	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,048.5	-622.6	428.1	755.6	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,148.5	-622.6	428.1	755.6	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,248.5	-622.6	428.1	755.6	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,348.5	-622.6	428.1	755.6	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,448.5	-622.6	428.1	755.6	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,548.5	-622.6	428.1	755.6	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,648.5	-622.6	428.1	755.6	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,748.5	-622.6	428.1	755.6	0.00	0.00	0.00	
6,930.5	0.00	0.00	6,779.0	-622.6	428.1	755.6	0.00	0.00	0.00	

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
ICP - hit/miss target - Shape - Point	0.00	0.00	2,522.0	-622.6	428.1	2,078,577.42	519,182.82	36° 42' 44.663 N	107° 46' 4.396 W

REFERENCE INFORMATION

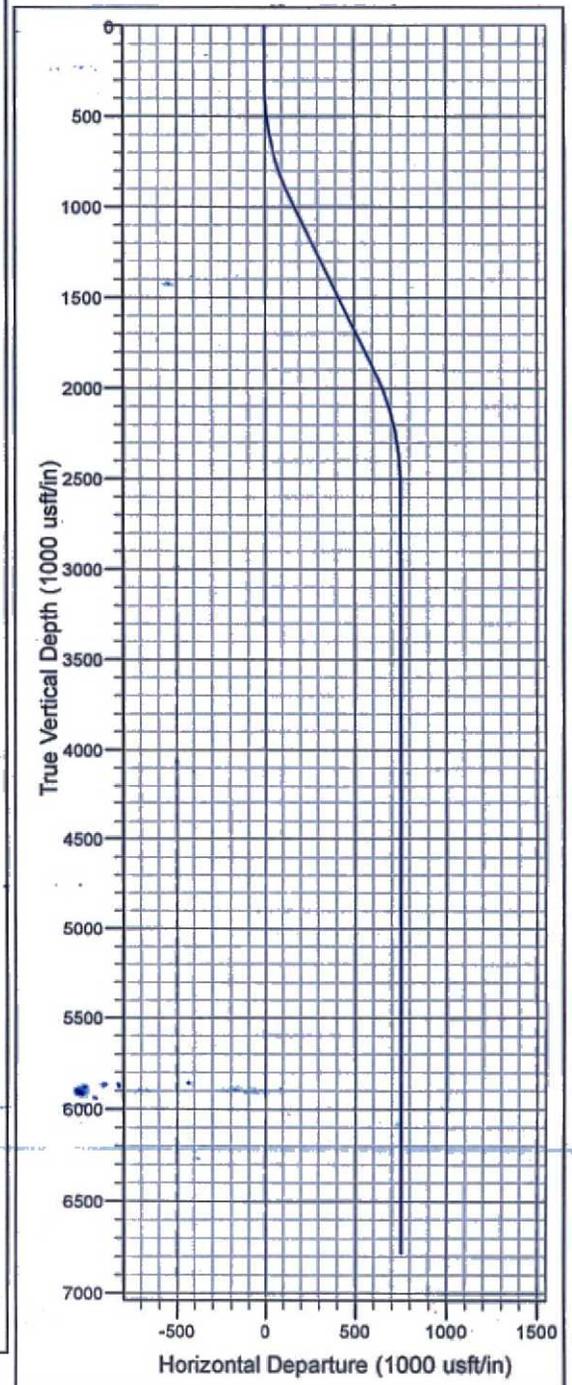
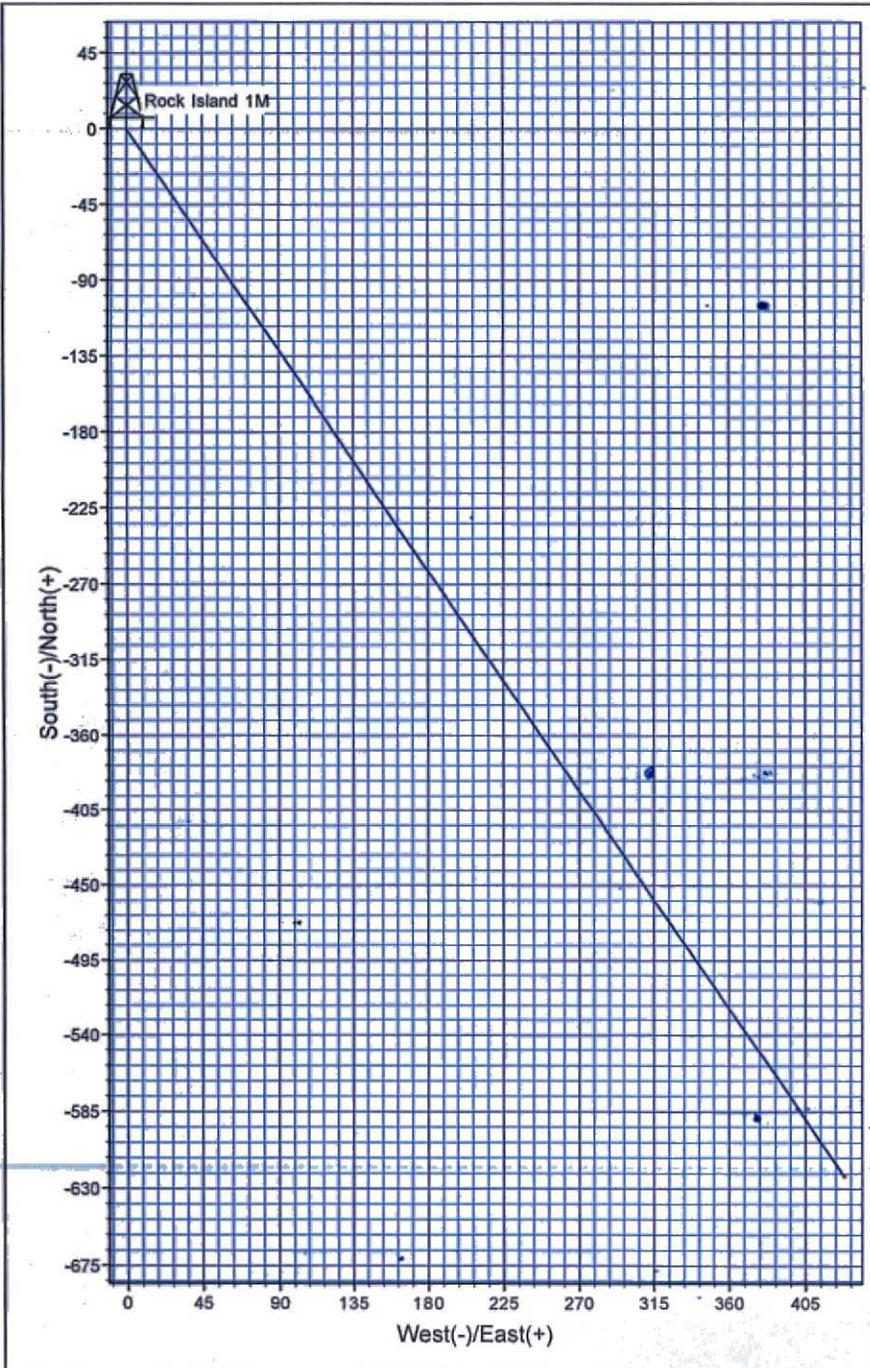
KB @ 5769.0usft (Original Well Elev)  
 Ground Elevation 5754.0  
 Reference Lat: 36° 42' 50.823 N  
 Reference Long: 107° 46' 9.648 W

Project: San Juan Basin - New Mexico West  
 Site: Other Named Wells  
 Well: Rock Island 1M  
 Wellbore: Wellbore #1  
 Design: Design #1



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	310.0	0.00	0.00	310.0	0.0	0.0	0.00	0.00	0.0	
3	959.2	25.97	145.49	937.2	-119.2	81.9	4.00	145.49	144.6	
4	2024.4	25.97	145.49	1894.8	-503.5	346.1	0.00	0.00	611.0	
5	2673.5	0.00	0.00	2522.0	-622.6	428.1	4.00	180.00	755.6	ICP
6	6930.5	0.00	0.00	6779.0	-622.6	428.1	0.00	0.00	755.6	



# **BURLINGTON**

## **RESOURCES**

### Multi-Point Surface Use Plan for Rock Island 1M

The following is required information concerning the possible effect, which the drilling of this well may have on the environment, existing road sites, and surrounding acreage. A copy will be posted on the derrick floor so all contractors and sub-contractors will be aware of all items on this plan.

1. Existing Roads

Existing roads used to access the location shall be improved or maintained in a condition the same as or better than before operations began. Any updates discussed at the onsite will be listed in Section 12 "Other Information".

2. New or Reconstructed Access Roads

- A. 124.15' new access road will have to be constructed to reach the proposed well pad.
- B. Turnouts are shown on the Plat 1 Map.
- C. If gates, Cattleguards or fences are planned for this location, they will be specified in item 12 below as "Other Information".
- D. See the attached Plat 1 Map (cut & fill diagram) for reference of road direction and length and the topo map attached indicates the existing & new access to the proposed location. The topo map also indicates the culvert placement as agreed upon during the BLM onsite and these culverts and turnouts have lath in place to indicate their placement in the field.

3. Location of Existing Wells

- A. The proposed Basin Dakota / Blanco Mesaverde well location site is Unit F (SE/NW), 1397' FNL & 1411' FWL, Sec. 22, T29N, R9W, San Juan County, New Mexico. See attached Map 1A for details.

4. Location of Existing and/or Proposed Production Facilities

- A. See the proposed site facility diagram attached for Burlington standard layout. On the sample given there are two options for the placement of the tanks. These options are needed to accommodate the lay of the land. If overhead powerlines or existing flowlines are present they will be noted on the surveyors Plat 1 Map (cut & fill diagram).
- B. Location of Proposed New Pipeline Facilities. - Enterprise Field Service will be the gas transporter for this well. A 4-1/2" OD buried steel pipeline that is approx. 358.74' in length of all is on BLM Surface. Burlington Resources wishes to use the BLM APD/ROW process for the pipeline on BLM. Please refer to the attached preliminary pipeline route map for additional information.
- C. Any production equipment encompassed by a dirt berm or one in which fluids are present shall be adequately fenced and properly maintained in order to safeguard both livestock and wildlife.

5. Location and Types of Water Supply

The supply water will be trucked to the location from the Five Mile Water Hole located in SW/4 Section 26, T-29-N, R-9-W, New Mexico. The route the water trucks will using will be the same route used to access the location (indicated in 2 D above).

6. Construction Materials

Most of the construction materials will be obtained from the location site. The fill dirt that will be used during construction for the berms around production tanks and for the padding for pipe as well as the gravel to use on the berms and around production facilities will come from one of the four listed companies below. The construction material that will be brought in could be  $\frac{3}{4}$ " rock or  $\frac{3}{4}$ " road base and good fill dirt.

Sky Ute Sand and Gravel  
Four Corners Materials  
Foutz & Bursum gravel pit  
Paul & Sons  
or Gosney and Son Construction

7. Methods for Handling Waste

- A. The drill cuttings, drill water and completion fluids will be placed in a lined reserve pit, if required. The reserve pit will be fenced on three sides away from the pad during drilling and the fourth side fenced as soon as the rig moves out. The reserve pit will be allowed to dry or the free fluids will be removed or the free fluids may be trucked and reused in drilling operations or trucked to an approved disposal facility as indicated in Burlington Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office in Aztec, NM.
- B. All garbage and trash will be hauled away by Burlington to an approved landfill.
- C. Chemical toilets will be provided and maintained during drilling operations and construction activity.
- D. Any brush, small trees and limbs will be used as erosion control throughout the project area as discussed during the BLM on-site.

8. Ancillary Facilities

Plans are to use the proposed well pad for staging the drilling and construction equipment to facilitate the drilling of the well. If we find that we need more space for staging we will use the temporary use area indicated on the topo map. Any temporary use area will be returned to the same or better condition than before operations began. This location may be used for staging purposes for any other operation as needed.

9. Well Site Layout

- A. Drilling Operations - The Plat 1 Map shows the location and orientation of the proposed drill pad; includes reserve pit / blooie line/ flare pit location, access road entry points and any obvious topographic features. The orientation of the drilling rig is indicated by the wellhead and will be between the anchors as indicated on the diagram.
- B. The well layout for the production phase of the well is indicated on the Site Facility Diagram attached. Proposal 1 works for approximately 80% of our locations, but proposal 2 may be used on a coal wells for safety reasons. Production equipment will be painted Juniper Green or Tan.

10. Plans for Surface Restoration

The area of construction will be cleared and grubbed using adequate equipment and processes. Stockpile areas will be cleared, grubbed, and leveled before placement of stockpile. Topsoil will be identified, stockpiled, and protected from erosion effects in the best manner possible. Mixing of the subsoil and topsoil will be kept to a minimum through the proper selection of equipment, short pushing, or handling through pick and carry method. Topsoil will be stockpiled in the construction zone for later use in reclamation with

quantities large enough to complete interim and final reclamation. Removal and stockpiling of topsoil will only be accomplished in conditions and weather that promote maintaining the integrity of the topsoil. Proper drainage control will be accomplished on all stockpiles and stockpiles delineated.

In all instances Burlington will try to minimize any areas of disturbance. Minimization of disturbance will be accomplished through sound construction planning and staking of proposed location. A variety of factors will always be considered while planning the construction layout of a location in order to minimize disturbances. Adequate storm water diversions will be construction to protect location after construction and minimize disturbance to natural drainage structures in place.

Pit Closures will require that pits are restored to a safe and stable condition. All liquids from pits will be removed and disposed of properly until only drilling mud and cuttings remain (see item number 7 above for more details). Solidification of the material in the pit will be accomplished using natural drying methods and mechanical stirring. All trash and debris will be removed before backfilling begins. Frozen material i.e., chunks of frozen materials will not used for backfill. All pit liners will be cut at the mud level and removed prior to backfilling. Backfilling materials generated from site will be deposited in lifts to accomplish the complete backfilling, contouring, and drainage control for both the Flare pit and the Reserve Pit. Backfill shall placed to match fit, form and line of existing terrain i.e., natural appearance.

Standard redistribution of topsoil will be accomplished using standard industry methods. The topsoil will be placed on reclamation areas with adequate depth and uniformity. Care will be taken not to compact the topsoil unnecessarily. All surfaces (not including all weather surfaces needed for production and safety) will have topsoil redistributed within a few feet of production facilities. Care will be taken not to contaminate or mix topsoil with subsoil or other foreign matter during the redistribution. Subsoil or subsurface will be prepared to accept topsoil i.e., ruts, holes, will be bladed out to smooth shape before topsoil is redistributed.

Standard location seeding will be accomplished following best industry practices. The site will be evaluated for plant community. In place topsoil will be tilled, ripped, or disked dependent upon need. Recommendations for the seasons to plant, the seed mix to be used, and the re-vegetation method will be followed. Seeding will be accomplished by drilling except in those areas where methods such as dozer track-walking followed by broadcast seeding are more practical. Seeding will be performed in conditions and seasons that are conducive to successful re-vegetation.

Topography will to the best means possible, match or blend with the topography surrounding the area, the blend as much as possible will present a seamless appearance to the surrounding environment. Fill sections will be uniform and smooth without foreign material protrusions. Re-shaping will also be functional in drainage control. Natural drainages will be unimpeded with contours to match. Water bars will be placed in areas where needed to prevent erosion on a large scale (water bars to be removed upon re-vegetation). Ditches shall direct water off working surface of location and off access roads.

11. Surface Ownership

The surface ownership of the well location and pipeline is all on BLM surface. The BLM has mineral jurisdiction on this project.

12. Other Information

1. The onsite for the proposed project was conducted on 07/01/11 with Mike Flaniken from the BLM as lead.
2. No invasive weeds were identified in the proposed project area.
3. WCRM conducted the Archaeological Survey Report #WCRM (F) 1115 and there were 0 recorded archaeological sites encountered during the survey.
4. Notification will be given to the BLM prior to construction of the well pad and access road.
5. The proposed action would impact no floodplains or stock ponds.
6. Onsite Notes:
  - a. Road Width: 30' ROW
  - b. Road Design: Crowned & Ditched
  - c. Existing Road Improvements: Last .2 miles
  - d. Re-vegetation or disturbed areas: contour, rip, disk & reseed
  - e. Culverts and/or Bridges (size/location): As needed if needed
  - f. Storage of topsoil: Strip & stockpile topsoil
  - g. Trees/Firewood: Cut De-limb 6" or larger stack on east side of existing pad
  - h. Special Management Areas (SMAs): Yes, T& E Area
  - i. EA Writer: NELSON
7. Onsite Remarks:
  - a. Install rolling water bar on existing access @ top of hill draining north just before entering existing pad
  - b. Standard seed mix
  - c. Low profile Equipment
  - d. Step down PIT
  - e. No fill in wash in E.O.D @ #3
  - f. Fill in erosion cut near new access on east side of new access
  - g. Juniper green paint

**BURLINGTON**  
**RESOURCES**  
Operator Certification

Operator Information:

Burlington Resources Oil & Gas, LP  
P.O. Box 4289  
Farmington, NM 87499-4289  
505-326-9700

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provision of 18 U.S.C. 1001 for the filing of false statements.

Executed this 26<sup>th</sup> day of FEBRUARY, 2013.



Kenny Davis  
Staff Regulatory Technician  
On behalf of Heather McDaniel and Doug Elston

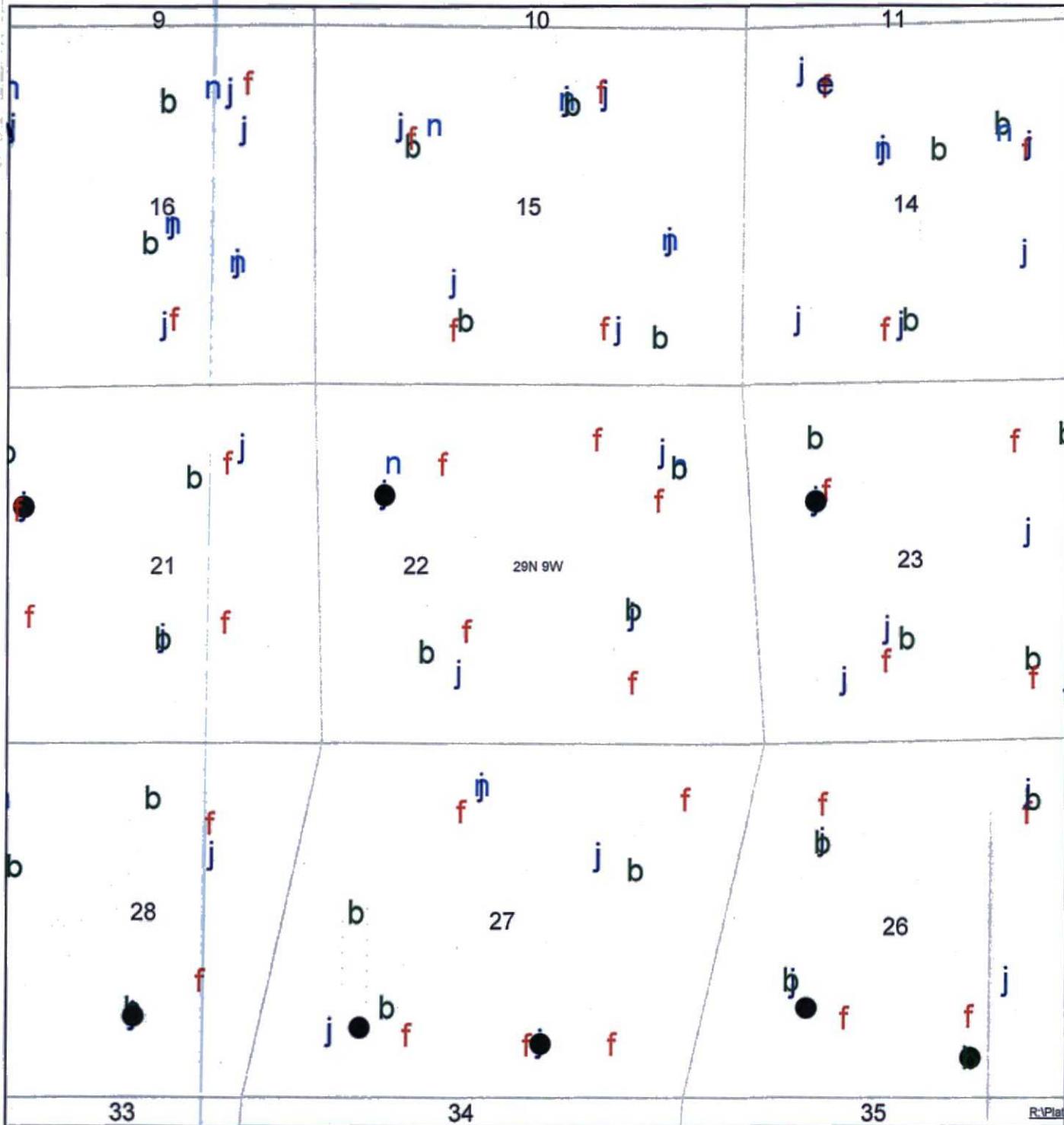
The person who can be contacted concerning compliance of the APD is:

Heather McDaniel,  
Regulatory Supervisor  
ConocoPhillips Company  
P.O. Box 4289  
Farmington, NM 87499-4289  
505-326-9507

The Field Representative who can be contacted concerning compliance of the enclosed Surface Use Plan is:

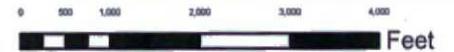
Doug Elston,  
Supt. Capital Projects  
ConocoPhillips Company  
P.O. Box 4289  
Farmington, NM 87499-4289  
505-599-4004



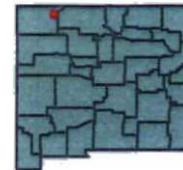


Legend

- Sections
- Townships
- States
- <all other values>
- FARMINGTON
- FRUITLAND
- FRUITLAND COAL
- FRUIT/PC
- FRUITLAND-PICTURED CLIFFS
- PICTURED CLIFFS
- MESAVERDE
- DAKOTA
- WATER



1:24,650 - 1" = 2,054'  
GCS North American 1927



**ConocoPhillips**  
© Unpublished Work, ConocoPhillips

ROCK ISLAND 1M

Map 1A

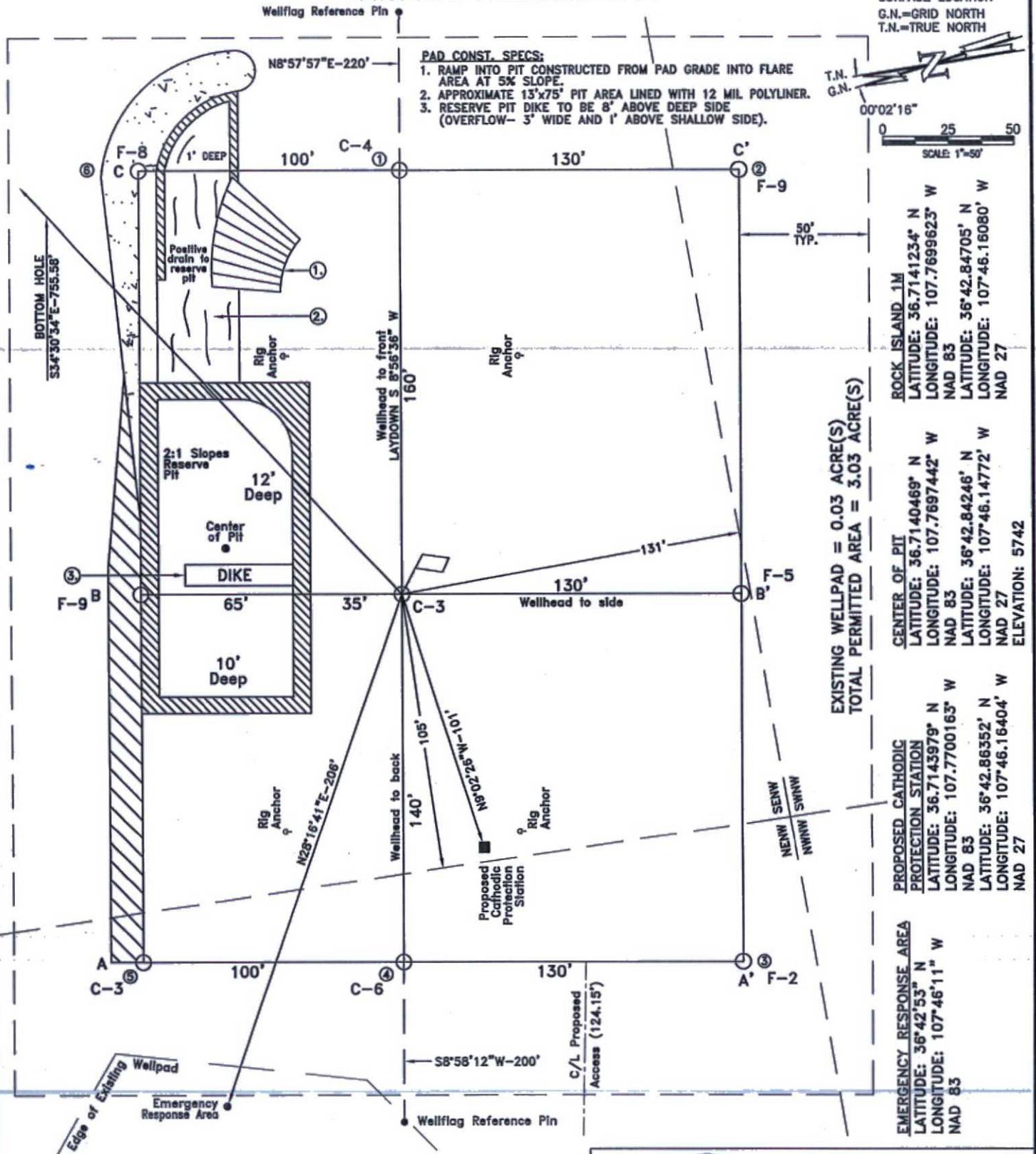
Sec 22 T29N R9W

Author:	Date: 8/30/2007
Compiled by:	Scale: <Scale>
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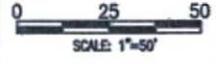
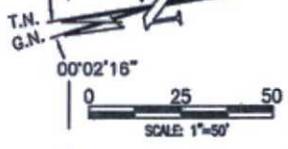
**BURLINGTON RESOURCES OIL & GAS COMPANY LP – ROCK ISLAND 1M**  
**1397' FNL & 1411' FWL (SURFACE) – 2015' FNL & 1830' FWL (BOTTOM HOLE LOCATION)**  
**SECTION 22, T-29-N, R-9-W, N.M.P.M., SAN JUAN COUNTY, N.M.**

**PROPOSED ELEVATION: 5754**

CONVERGENCE AT SURFACE LOCATION  
 G.N.=GRID NORTH  
 T.N.=TRUE NORTH



- PAD CONST. SPECS:**
1. RAMP INTO PIT CONSTRUCTED FROM PAD GRADE INTO FLARE AREA AT 5% SLOPE.
  2. APPROXIMATE 13'x75' PIT AREA LINED WITH 12 MIL POLYLINER.
  3. RESERVE PIT DIKE TO BE 8' ABOVE DEEP SIDE (OVERFLOW- 3' WIDE AND 1' ABOVE SHALLOW SIDE).



**EXISTING WELLPAD = 0.03 ACRE(S)**  
**TOTAL PERMITTED AREA = 3.03 ACRE(S)**

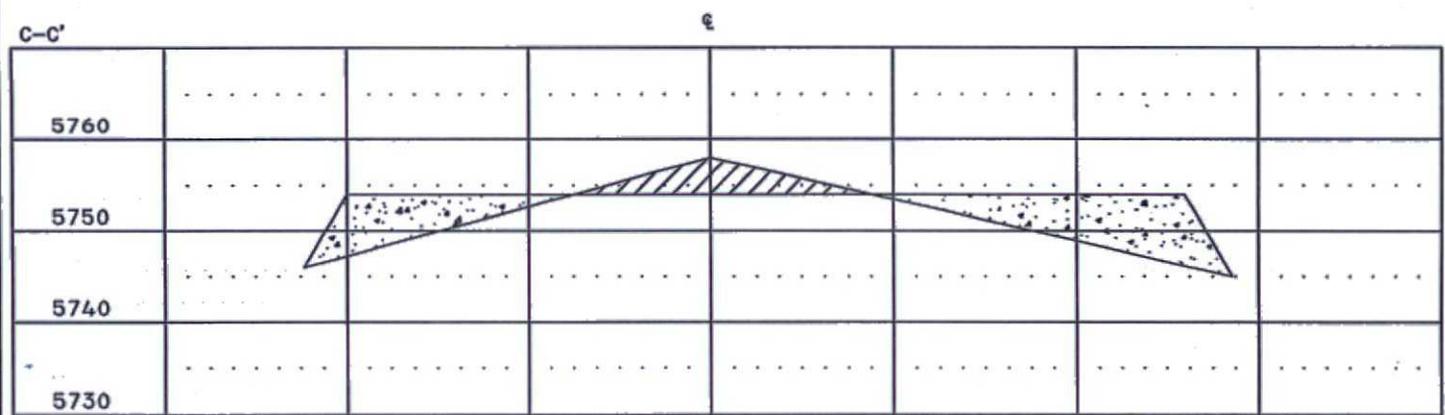
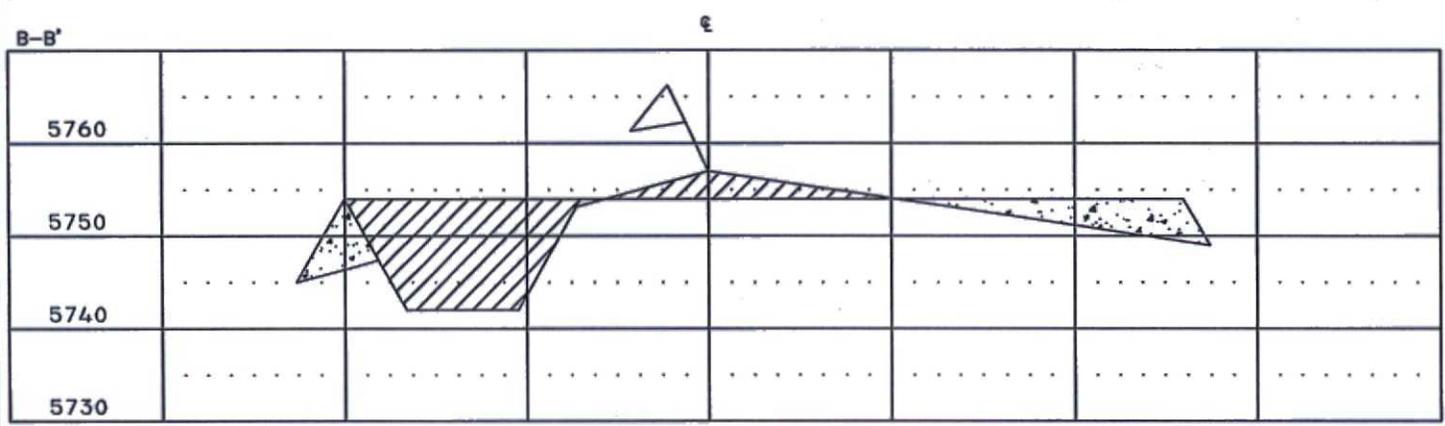
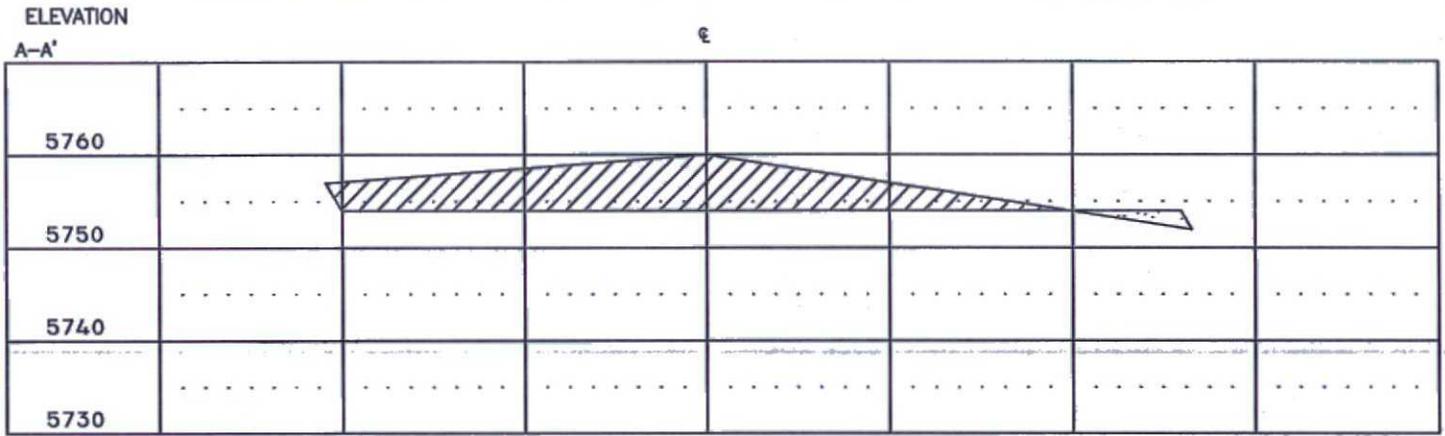
<b>ROCK ISLAND 1M</b>	<b>ROCK ISLAND 1M</b>
LATITUDE: 36.7141234° N	LATITUDE: 36.7141234° N
LONGITUDE: 107.7699623° W	LONGITUDE: 107.7699623° W
NAD 83	NAD 83
LATITUDE: 36°42.84705' N	LATITUDE: 36°42.84705' N
LONGITUDE: 107°46.16080' W	LONGITUDE: 107°46.16080' W
NAD 27	NAD 27
<b>CENTER OF PIT</b>	<b>PROPOSED CATHODIC PROTECTION STATION</b>
LATITUDE: 36.7140469° N	LATITUDE: 36.7143979° N
LONGITUDE: 107.7697442° W	LONGITUDE: 107.7700163° W
NAD 83	NAD 83
LATITUDE: 36°42.84246' N	LATITUDE: 36°42.86352' N
LONGITUDE: 107°46.14772' W	LONGITUDE: 107°46.16404' W
NAD 27	NAD 27

- NOTES:**
- 1.) BEARINGS & DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, WEST ZONE, NAD 83.
  - 2.) CONTRACTOR SHOULD CONTACT "ONE-CALL" FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
  - 3.) UNITED FIELD SERVICES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

**UNITED**  
FIELD SERVICES INC.

P.O. BOX 3651 FARMINGTON, NM. 87499 OFFICE: (505) 334-0408	
DWG. NO. : 9982L01	REVISION: 2
DRAWN BY: H.S.	DATE DRAWN: 05/24/11
SURVEYED: 04/29/11	APP. BY: M.W.L.
	REV. DATE: 01/24/12
	SHEET: 1

**BURLINGTON RESOURCES OIL & GAS COMPANY LP**  
**ROCK ISLAND 1M - 1397' FNL & 1411' FWL (SURFACE)**  
**2015' FNL & 1830' FWL (BOTTOM HOLE LOCATION)**  
**SECTION 22, T-29-N, R-9-W, N.M.P.M., SAN JUAN COUNTY, N.M.**  
**PROPOSED ELEVATION: 5754 - DATE: APRIL 29, 2011**



1" = 50' - HORIZONTAL  
 1" = 20' - VERTICAL

**NOTES:**

- CONTRACTOR SHOULD CONTACT "ONE-CALL" FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
- UNITED FIELD SERVICES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.



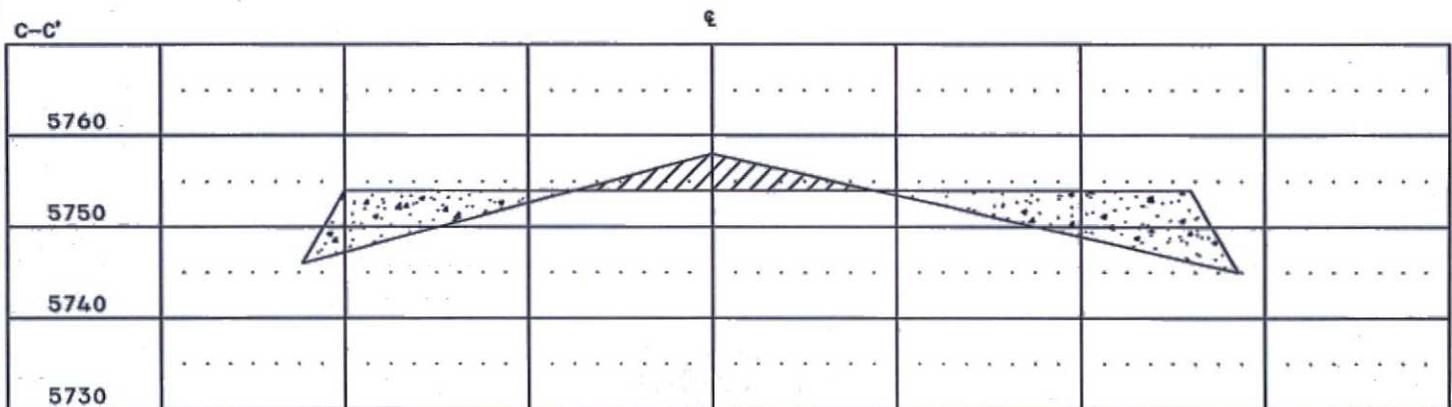
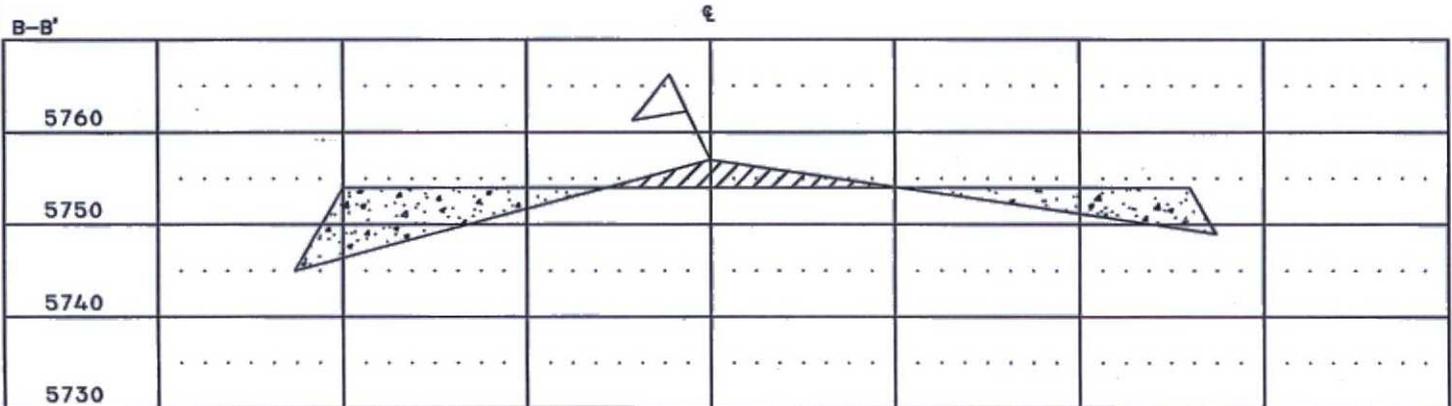
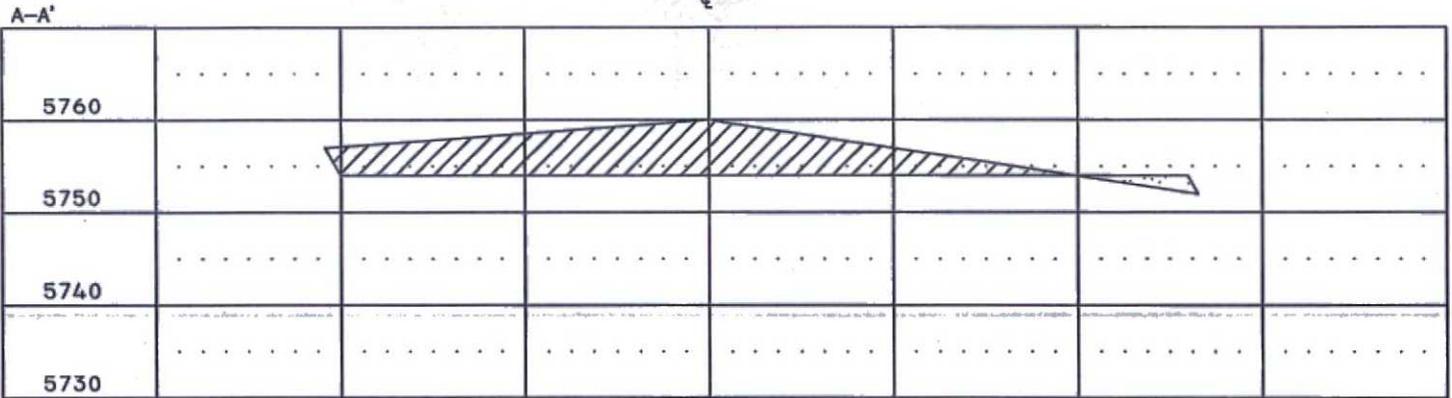
**UNITED**  
FIELD SERVICES INC.

P.O. BOX 3651  
 FARMINGTON, NM 87499  
 OFFICE: (505) 334-0408

DWG. NO. : 9982C01	DATE DRAWN: 05/24/11	REVISION: 1
DRAWN BY: H.S.	APP. BY: M.W.L.	REV. DATE:
SURVEYED: 04/29/11		SHEET: 1

**BURLINGTON RESOURCES OIL & GAS COMPANY LP**  
**ROCK ISLAND 1M - 1397' FNL & 1411' FWL (SURFACE)**  
**2015' FNL & 1830' FWL (BOTTOM HOLE LOCATION)**  
**SECTION 22, T-29-N, R-9-W, N.M.P.M., SAN JUAN COUNTY, N.M.**  
**PROPOSED ELEVATION: 5754 - DATE: APRIL 29, 2011**

ELEVATION



1" = 50' - HORIZONTAL  
 1" = 20' - VERTICAL

**NOTES:**

- 1.) CONTRACTOR SHOULD CONTACT "ONE-CALL" FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
- 2.) UNITED FIELD SERVICES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.



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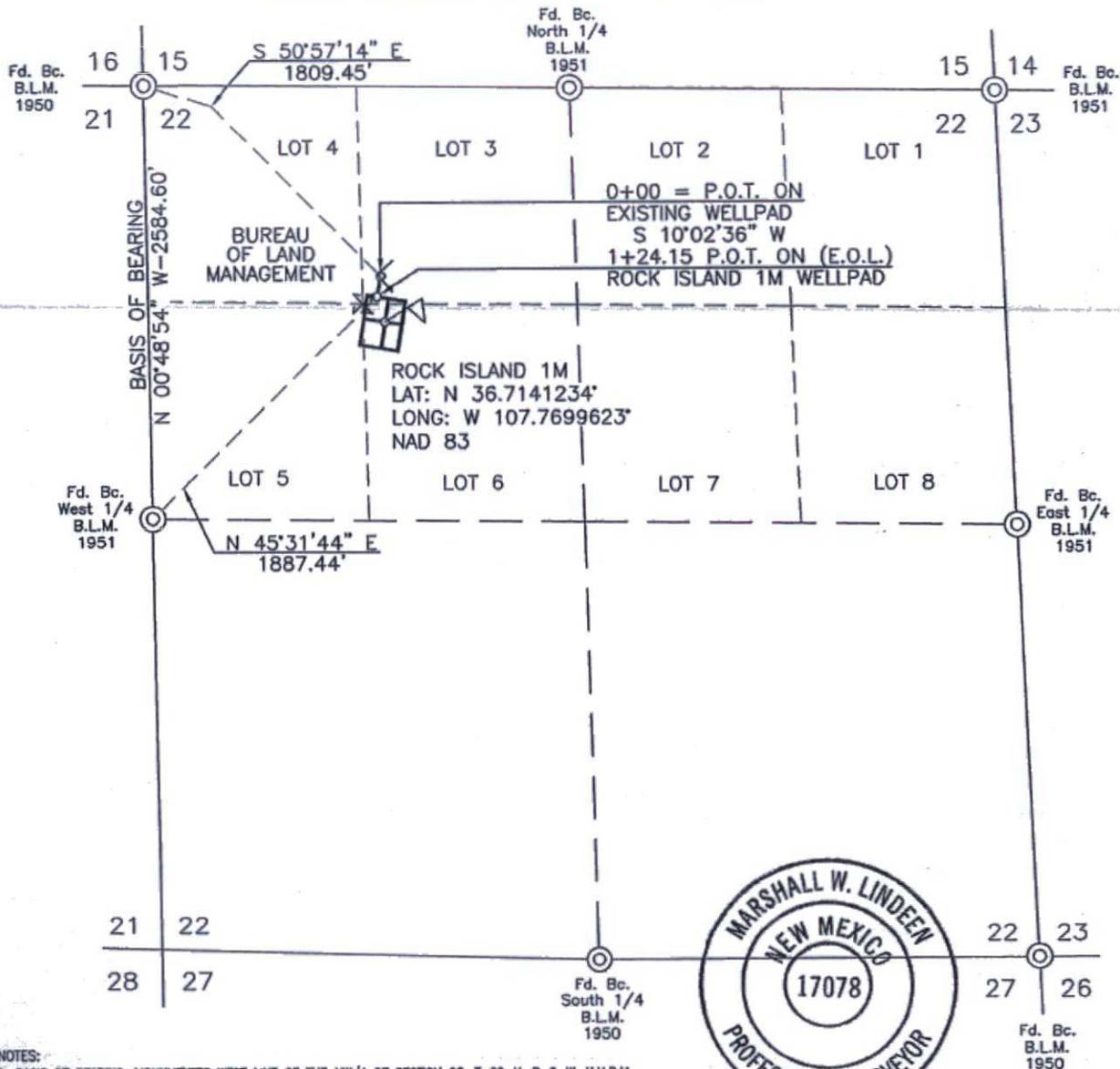
DWG. NO. : 9982C02		REVISION: 1
DRAWN BY: H.S.	DATE DRAWN: 05/24/11	REV. DATE:
SURVEYED: 04/29/11	APP. BY: M.W.L.	SHEET: 1

# BURLINGTON RESOURCES OIL & GAS COMPANY LP

## ROCK ISLAND 1M PROPOSED ACCESS

### NW/4 SEC. 22, T-29-N, R-9-W, N.M.P.M.

### SAN JUAN COUNTY, NEW MEXICO



- NOTES:
1. BASIS OF BEARING: MONUMENTED WEST LINE OF THE NW/4 OF SECTION 22, T-29-N, R-9-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO. BEARS: N 00°48'54" W - 2584.60'
  2. ALL BEARINGS & DISTANCES SHOWN ARE BASED UPON NEW MEXICO COORDINATE SYSTEM, WEST ZONE, NAD 83. (COMBINED SCALE FACTOR: 0.9996450)

OWNER	STATION	FEET/RODS
BUREAU OF LAND MANAGEMENT	0+00 TO 1+24.15	124.15/7.524

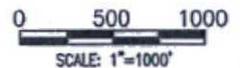
I, MARSHALL W. LINDEEN, BEING A PROFESSIONAL SURVEYOR IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE SURVEY REPRESENTED BY THIS PLAT WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT ACCURATELY REPRESENTS THIS SURVEY TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Marshall W. Lindeen*

5-31-11

MARSHALL W. LINDEEN P.S. #17078

DATE



**BURLINGTON**  
RESOURCES OIL & GAS COMPANY LP



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	SHEET: 1



**BURLINGTON RESOURCES OIL & GAS COMPANY LP**

**ROCK ISLAND 1M**

**1397' FNL & 1411' FWL (SURFACE)**

**2015' FNL & 1830' FWL (BOTTOM HOLE LOCATION)**

**LATITUDE: 36.7141234° N**

**LONGITUDE: 107.7699623° W**

**NAD 83**

**SECTION 22, T-29-N, R-9-W, N.M.P.M.**

**SAN JUAN COUNTY, NEW MEXICO**

FROM THE POST OFFICE IN BLANCO, NEW MEXICO.

TRAVEL EASTERLY 1.3 MILES ON U.S. HIGHWAY 64.

TURN RIGHT ONTO COUNTY ROAD 4450 AND TRAVEL SOUTHEASTERLY 2.0 MILES.

TURN LEFT AT "TEE" INTERSECTION AND TRAVEL NORTHEASTERLY 0.4 MILE.

TURN RIGHT AT "TEE" INTERSECTION AND TRAVEL SOUTHEASTERLY 0.2 MILE

(PASS THROUGH EXISTING GRAMBLING 4 WELL LOCATION)

TO PROPOSED ROCK ISLAND 1M ACCESS ROAD AND WELL LOCATION.