

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 11 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 SF-079383 Unit Reporting Number NMM-78420A-MV	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name San Juan 30-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name RCVD MAR 23 '10 OIL CONS. DIV. DIST. 3	
4. Location of Well Surf: Unit N (SESW), 805' FSL & 1700' FWL Bottomhole: Unit M (SWSW), 710' FSL & 710' FWL Surf: Latitude: 36.764026° N (NAD83) Longitude: 107.543219° W Bottomhole: Latitude: 36.763795° N (NAD83) Longitude: 107.546871° W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) N Sec. 35, T30N, R7W API # 30-039-30777	
14. Distance in Miles from Nearest Town 32 miles/Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 710'		
16. Acres in Lease 2,240.00	17. Acres Assigned to Well MV/DK 320.00 (W/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 76' from San Juan 30-6 Unit 100		
19. Proposed Depth 8234'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6848' GL 6848	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	HOLD C104 FOR Change of status for 30-6#100 in MV	
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	6/11/2009 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

MAR 31 2010

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".

NMOCD

NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT

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

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED

Sundry Notices and Reports on Wells

NOV 16 2009

1. Type of Well
GAS

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Surface: Unit N (SESW), 815' FSL & 1775' FWL, Section 35, T30N, R7W, NMPM

Bottomhole: Unit M (SWSW), 710' FSL & 710' FWL, Section 35, T30N, R7W, NMPM

5. Lease Number
Bureau of Land Management
SE-079383
Farmington Field Office
6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
San Juan 30-6 Unit
NMNM-78420A MV

8. Well Name & Number
San Juan 30-6 Unit 100M

9. API Well No.

30-039- 30777

10. Field and Pool
Blanco MV / Basin DK

11. County and State
Rio Arriba, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action			
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans	☒ Other -	☐ Correct Footages
☐ Subsequent Report	☐ Recompletion	☐ New Construction		
☐ Final Abandonment	☐ Plugging	☐ Non-Routine Fracturing		
	☐ Casing Repair	☐ Water Shut off		
	☐ Altering Casing	☐ Conversion to Injection		

13. Describe Proposed or Completed Operations

Burlington Resources wishes to correct the footages for the subject well. It was discovered the original survey was done incorrectly. The APD was submitted on 6/11/09 with the surface location of Unit N (SESW), 805' FSL & 1780' FWL. The correct footages for the surface are Unit N (SESW), 815' FSL & 1775' FWL. The new plat, project proposal, directional drill plan & directional drill plots are attached.

RCVD MAR 23 '10

OIL CONS. DIV.

14. I hereby certify that the foregoing is true and correct.

Signed Crystal Tafoya Crystal Tafoya

Title Regulatory Technician

Date 11/16/09

(This space for Federal or State Office use)

APPROVED BY [Signature] Title AFM

Date 3/18/2010

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

DISTRICT I
1025 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

Form C-102
Revised October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039- 30777	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30 - 6 UNIT	⁶ Well Number 100M
⁷ OGRD No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6846'

¹⁰ Surface Location

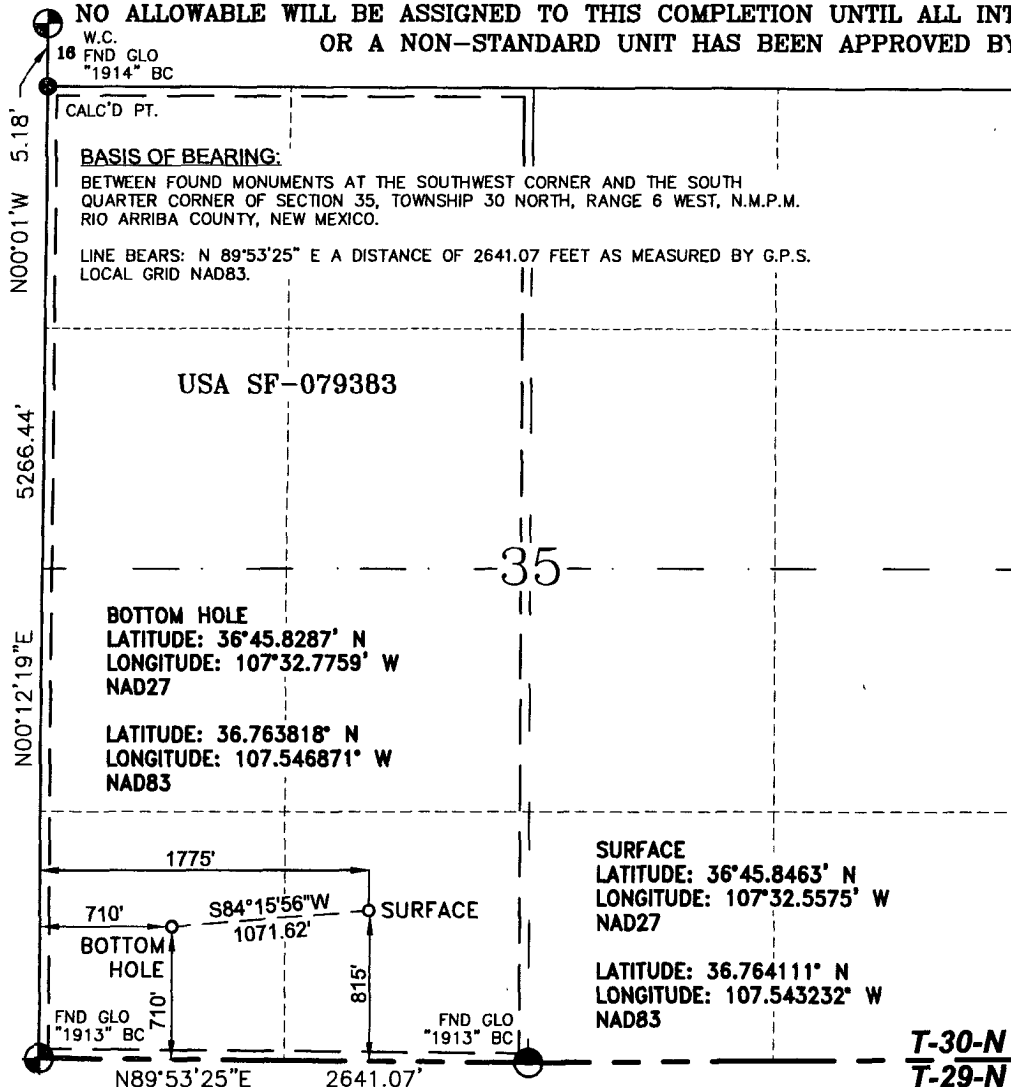
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	30-N	7-W		815	SOUTH	1775	WEST	RIO ARRIBA

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
M	35	30-N	7-W		710'	SOUTH	710'	WEST	RIO ARRIBA

¹² Dedicated Acres DK 320.00 ACRES W/2 MV 320.00 ACRES W/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



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.

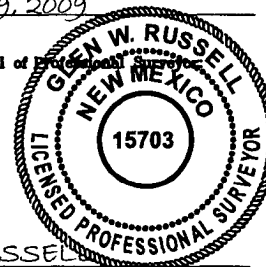
Crystal Tafoya 11/16/09
Signature
Crystal Tafoya 11/16/09
Printed Name

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.

OCTOBER 29, 2009
Date of Survey

Signature and Seal of *Glen W. Russell*



GLEN W. RUSSELL
Certificate Number 15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 100M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8520		AFE \$: 1,748,103.26	
Field Name: SAN JUAN		Rig: H&P Rig 282		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: Surface					
Datum Code: NAD 27		Directional			
Latitude: 36.764105	Longitude: -107.542625	X:	Y:	Section: 35	Range: 007W
Footage X: 1775 FWL	Footage Y: 815 FSL	Elevation: 6846	(FT)	Township: 030N	
Tolerance:					
Location: Bottom Hole					
Datum Code: NAD 27		Directional			
Latitude: 36.763789	Longitude: -107.546264	X:	Y:	Section: 35	Range: 007W
Footage X: 710 FWL	Footage Y: 710 FSL	Elevation:	(FT)	Township: 030N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:	
Date In Operation:					
Formation Data: Assume KB = 6861 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	203	6658	☐		
OJO ALAMO	2811	4050	☐		
KIRTLAND	2926	3935	☐		
FRUITLAND	3261	3600	☐		Possible Gas
PICTURED CLIFFS	3726	3135	☐		
LEWIS	3861	3000	☐		
Intermediate Casing	3961	2900	☐		
HUERFANITO BENTONITE	4471	2390	☐		
CHACRA	4751	2110	☐		
MASSIVE CLIFF HOUSE	5509	1352	☐	463	Gas
MENEFEE	5593	1268	☐		
POINT LOOKOUT	5916	945	☐		
MANCOS	6279	582	☐		
UPPER GALLUP	7106	-245	☐		
GREENHORN	7921	-1060	☐		
GRANEROS	7977	-1116	☐		
TWO WELLS	8045	-1184	☐	3440	Gas
UPPER CUBERO	8127	-1266	☐		
LOWER CUBERO	8158	-1297	☐		
ENCINAL	8224	-1363	☐		
Total Depth	8232	-1371	☐		
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 933 cuft. Circulate cement to surface.					
6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 581 cuft. Circulate cement a minimum of 100' inside the previous casing string.					

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 30-6 UNIT 100M

DEVELOPMENT

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 ☒ Other

Mudlog from ~100' above the Greenhorn to TD. Mudloggers will call final TD. Est bottom perf ~20' above the est TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Database: EDM Central Planning
Company: ConocoPhillips SJBU
Project: San Juan Basin - New Mexico Wells
Site: San Juan 30 Wells
Well: SJ 30-6 #100M
Wellbore: Wellbore
Design: Plan #1

Local Co-ordinate Reference: Well SJ 30-6 #100M
TVD Reference: RKB @ 6861.0ft (Original Well Elev)
MD Reference: RKB @ 6861.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,042.5	3,861.0	Lewis		0.00		
8,339.5	8,158.0	Lower Cubero		0.00		
4,652.5	4,471.0	Huerf. Bent.		0.00		
8,102.5	7,921.0	Greenhorn		0.00		
3,066.0	2,926.0	Kirtland		0.00		
6,097.5	5,916.0	Pt. Lookout		0.00		
8,308.5	8,127.0	Upper Cubero		0.00		
5,774.5	5,593.0	Menefee		0.00		
6,460.5	6,279.0	Mancos Shale		0.00		
3,425.8	3,261.0	Fruitland		0.00		
8,405.5	8,224.0	Encinal		0.00		
5,690.5	5,509.0	Massive Cliffhouse		0.00		
7,287.5	7,106.0	Gallup		0.00		
8,158.5	7,977.0	Graneros		0.00		
2,942.5	2,811.0	Ojo Alamo		0.00		
3,906.9	3,726.0	Pictured Cliffs		0.00		
4,932.5	4,751.0	Chacra		0.00		

REFERENCE INFORMATION

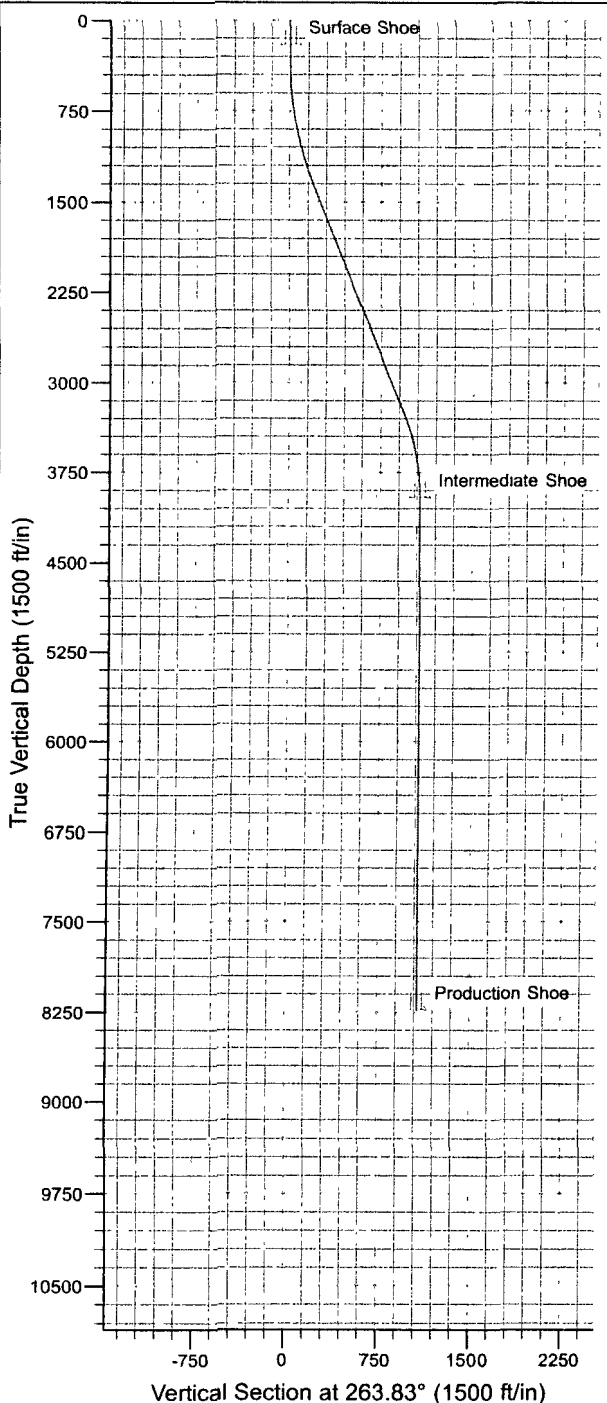
RKB @ 6861.0ft (Original Well Elev)
Ground Elevation 6846.0
Reference Lat: 36° 45' 50.778 N
Reference Long: 107° 32' 33.450 W

Project: San Juan Basin - New Mexico Wells
Site: San Juan 30 Wells
Well: SJ 30-6 #100M
Wellbore: Wellbore
Design: Plan #1

ConocoPhillips

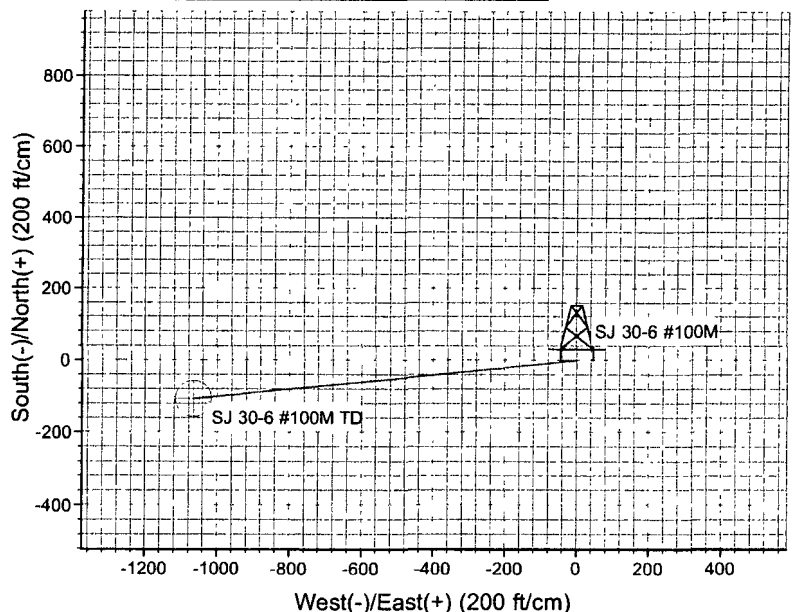
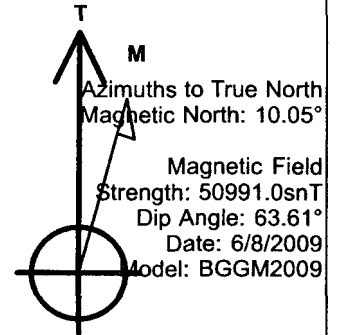
SECTION DETAILS

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	325.0	0.00	0.00	325.0	0.0	0.0	0.00	0.00	0.0	
3	1395.3	21.41	264.28	1370.6	-19.7	-196.7	2.00	264.28	197.6	
4	3428.9	21.41	264.28	3263.9	-93.6	-935.2	0.00	0.00	939.8	
5	4142.5	0.00	0.00	3961.0	-106.8	-1066.3	3.00	180.00	1071.6	SJ 30-6 #100M ICP
6	8413.5	0.00	0.00	8232.0	-106.8	-1066.3	0.00	0.00	1071.6	SJ 30-6 #100M TD



FORMATION TOP DETAILS

TVDP	MD	Formation
-4050.0	2942.5	Ojo Alamo
-3935.0	3066.0	Kirtland
-3600.0	3425.8	Fruitland
-3135.0	3906.9	Pictured Cliffs
-3000.0	4042.5	Lewis
-2390.0	4652.5	Huerf. Bent.
-2110.0	4932.5	Chacra
-1352.0	5690.5	Massive Cliffhouse
-1268.0	5774.5	Menefee
-945.0	6097.5	Pt. Lookout
-582.0	6460.5	Mancos Shale
245.0	7287.5	Gallup
1060.0	8102.5	Greenhorn
1116.0	8158.5	Graneros
1266.0	8308.5	Upper Cubero
1297.0	8339.5	Lower Cubero
1363.0	8405.5	Encinal



Directions from the Intersection of Hwy 64 & 550
in Bloomfield, NM

to

Burlington Resources Oil & Gas Company LP

SAN JUAN 30-6 UNIT 100M

815' FSL & 1775' FWL,

Section 35, T30N, R7W, N.M.P.M., Rio Arriba County,

New Mexico

Lat: 36° 45' 50.800" N

Long: 107° 32' 35.635" W

Nad 1983

From the Intersection of Hwy 64 & 550

Take Highway 64 East for 24.0 miles to Hwy 539,

Turn left (northerly) on Hwy 539 for 2.2 miles

To Smith Pass road,

Turn right (easterly) on Smith Pass Road for 3.1 miles,

To the top of Smith Pass,

Turn right @ y-intersec (southeast) 2.5 miles,

Turn right (southerly) 0.6 miles,

Turn left (easterly) 250' to newly staked location,

Twinned on existing well pad,

SAN JUAN 30-6 UNIT 100.