

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 28 2010

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG-BACK

Farmington Field Office
Bureau of Land Management

1a. Type of Work DRILL	5. Lease Number USA SF-078039-A 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 RCVD OCT 18 '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 Primo Mudge 9. Well Number 1C	
4. Location of Well Surface: Unit L(NWSW), 1571' FSL & 1115' FWL BH: Unit J(NWSE), 1720' FSL & 2480' FEL Surface: Latitude: 36.96768° N (NAD83) Longitude: 107.94662° W BH: Latitude: 36.96807° N (NAD83) Longitude: 107.94114° W	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) L Sec. 24, T32N, R11W API # 30-045-35202	
14. Distance in Miles from Nearest Town 16 Miles from Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1115'		
16. Acres in Lease 320.00	17. Acres Assigned to Well 320.00 S/2	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 73' from Primo Mudge 1B (MV)		
19. Proposed Depth 7843' This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6407' GL	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>Brandie Blakley</u> Brandie Blakley (Staff Regulatory Tech)	<u>9-23-10</u> Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 10/13/2010

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

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

OCT 25 2010
NMOCD

Hold C104

for Directional Survey
and "As Drilled" plan

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

COMPLIANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS

PC

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

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 87605

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87605

RECEIVED

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

SEP 28 2010

Farmington Field Office ☐ AMENDED REPORT
Bureau of Land Management

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35202		*Pool Code 72319 / 71599		*Pool Name BLANCO MESAVERDE / BASIN DAKOTA	
*Property Code 18602		*Property Name PRIMO MUDGE			*Well Number 1C
*OGRD No. 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			*Elevation 6407'

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
L	24	32N	11W		1571'	SOUTH	1115'	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
J	24	32N	11W		1720'	SOUTH	2480'	EAST	SAN JUAN

¹² Dedicated Acres 320.00 ACRES - S/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

18

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.

Dollie L. Busse 4/20/10
Signature Date

Dollie L. Busse
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 8, 2010
Date of Survey

Signature and Seal of Professional Surveyor:
David A. Russell

DAVID A. RUSSELL
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
10201

DAVID RUSSELL
Certificate Number 10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

PRIMO MUDGE 1C

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9423				AFE \$: 1,009,828.60	
Field Name: SAN JUAN		Rig: Aztec Rig 730		State: NM	County: SAN JUAN		API #:
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: 36.967678		Longitude: -107.945998		X:	Y:	Section: 24	Range: 011W
Footage X: 1115 FWL		Footage Y: 1571 FSL		Elevation: 6407 (FT)	Township: 032N		
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Directional							
Latitude: 36.968068		Longitude: -107.940518		X:	Y:	Section: 24	Range: 011W
Footage X: 2480 FEL		Footage Y: 1720 FSL		Elevation:	(FT)	Township: 032N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2012		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6422 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
NACIMIENTO	239	6183		☐			
Surface Casing	290	6132		☐			12-1/4 hole. 290' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.
OJO ALAMO	1676	4746		☐			
KIRTLAND	1862	4560		☐			
FRUITLAND	2562	3860		☐			Possible Gas
PICTURED CLIFFS	3188	3234		☐			
LEWIS	3334	3088		☐			
HUERFANITO BENTONITE	3864	2558		☐			
Intermediate Casing	3864	2558		☐	126		8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 962 cuft. Circulate cement to surface.
CHACRA	4332	2090		☐			
UPPER CLIFF HOUSE	4711	1711		☐			Gas; Est. Top Perf - 4713 (1709)
MASSIVE CLIFF HOUSE	5024	1398		☐	238		Gas; Cliffhouse is dry
MENEFEE	5094	1328		☐			
POINT LOOKOUT	5446	976		☐			
MANCOS	5814	608		☐			
UPPER GALLUP	6810	-388		☐			
GREENHORN	7514	-1092		☐			
GRANEROS	7565	-1143		☐			
TWO WELLS	7637	-1215		☐	3050		Gas
PAGUATE	7705	-1283		☐			
UPPER CUBERO	7728	-1306		☐			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

PRIMO MUDGE 1C

DEVELOPMENT

LOWER CUBERO	7742	-1320	☐	Est. Btm Perf - 7828 (- 1406) based on offset wells
ENCINAL	7808	-1386	☐	TD - 35' below T/ENCN
Total Depth	7843	-1421	☐	227 6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 542 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Production	Barnes 1	32N 11W 26 NE NE
Production	Page 1B	32N 10W 18 S2 NE SW
Production	Brown Federal J-1	32N 11W 13 NE SW SW
Production	Barnes 1E	32N 11W 26 NW SE NW

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 GLLP to TD - mudlogger will call TD.

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

ConocoPhillips SJBU

San Juan Basin - New Mexico Wells

Other Named Wells

Primo Mudge #1C

Principal Wellbore

Plan: Plan #1

Standard Planning Report

21 September, 2010

ConocoPhillips or its affiliates
Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Primo Mudge #1C
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6422.0ft (AWS RIG)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6422.0ft (AWS RIG)
Site:	Other Named Wells	North Reference:	True
Well:	Primo Mudge #1C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
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
239.0	0.00	0.00	239.0	0.0	0.0	0.0	0.00	0.00	0.00
Nacimiento									
290.0	0.00	0.00	290.0	0.0	0.0	0.0	0.00	0.00	0.00
Surface Casing									
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
370.0	0.00	0.00	370.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.90	84.94	400.0	0.0	0.2	0.2	3.00	3.00	0.00
500.0	3.90	84.94	499.9	0.4	4.4	4.4	3.00	3.00	0.00
600.0	6.90	84.94	599.4	1.2	13.8	13.8	3.00	3.00	0.00
700.0	9.90	84.94	698.4	2.5	28.3	28.4	3.00	3.00	0.00
800.0	12.90	84.94	796.4	4.2	48.0	48.2	3.00	3.00	0.00
900.0	15.90	84.94	893.2	6.4	72.8	73.1	3.00	3.00	0.00
1,000.0	18.90	84.94	988.6	9.1	102.6	103.0	3.00	3.00	0.00
1,100.0	21.90	84.94	1,082.4	12.2	137.3	137.8	3.00	3.00	0.00
1,200.0	24.90	84.94	1,174.1	15.7	176.8	177.5	3.00	3.00	0.00
1,300.0	27.90	84.94	1,263.7	19.6	221.1	222.0	3.00	3.00	0.00
1,400.0	30.90	84.94	1,350.8	23.9	270.0	271.1	3.00	3.00	0.00
1,456.2	32.59	84.94	1,398.6	26.5	299.5	300.6	3.00	3.00	0.00
1,500.0	32.59	84.94	1,435.5	28.6	323.0	324.2	0.00	0.00	0.00
1,600.0	32.59	84.94	1,519.7	33.3	376.6	378.1	0.00	0.00	0.00
1,700.0	32.59	84.94	1,604.0	38.1	430.3	431.9	0.00	0.00	0.00
1,785.4	32.59	84.94	1,676.0	42.1	476.1	478.0	0.00	0.00	0.00
Ojo Alamo									
1,800.0	32.59	84.94	1,688.3	42.8	483.9	485.8	0.00	0.00	0.00
1,900.0	32.59	84.94	1,772.5	47.6	537.6	539.7	0.00	0.00	0.00
2,000.0	32.59	84.94	1,856.8	52.3	591.2	593.5	0.00	0.00	0.00
2,006.2	32.59	84.94	1,862.0	52.6	594.5	596.8	0.00	0.00	0.00
Kirtland									
2,100.0	32.59	84.94	1,941.0	57.1	644.8	647.4	0.00	0.00	0.00
2,200.0	32.59	84.94	2,025.3	61.8	698.5	701.2	0.00	0.00	0.00
2,300.0	32.59	84.94	2,109.6	66.6	752.1	755.1	0.00	0.00	0.00
2,400.0	32.59	84.94	2,193.8	71.3	805.8	808.9	0.00	0.00	0.00
2,421.6	32.59	84.94	2,212.0	72.3	817.4	820.5	0.00	0.00	0.00
Stage Tool									
2,500.0	32.59	84.94	2,278.1	76.1	859.4	862.8	0.00	0.00	0.00
2,600.0	32.59	84.94	2,362.3	80.8	913.1	916.6	0.00	0.00	0.00
2,700.0	32.59	84.94	2,446.6	85.6	966.7	970.5	0.00	0.00	0.00
2,800.0	32.59	84.94	2,530.9	90.3	1,020.4	1,024.3	0.00	0.00	0.00
2,837.0	32.59	84.94	2,562.0	92.1	1,040.2	1,044.3	0.00	0.00	0.00
Fruitland									
2,900.0	32.59	84.94	2,615.1	95.1	1,074.0	1,078.2	0.00	0.00	0.00
3,000.0	32.59	84.94	2,699.4	99.8	1,127.7	1,132.1	0.00	0.00	0.00
3,100.0	32.59	84.94	2,783.6	104.6	1,181.3	1,185.9	0.00	0.00	0.00
3,200.0	32.59	84.94	2,867.9	109.3	1,234.9	1,239.8	0.00	0.00	0.00
3,300.0	32.59	84.94	2,952.2	114.0	1,288.6	1,293.6	0.00	0.00	0.00
3,400.0	32.59	84.94	3,036.4	118.8	1,342.2	1,347.5	0.00	0.00	0.00
3,466.7	32.59	84.94	3,092.6	122.0	1,378.0	1,383.4	0.00	0.00	0.00
3,500.0	31.25	84.94	3,120.9	123.5	1,395.6	1,401.0	4.00	-4.00	0.00
3,577.3	28.16	84.94	3,188.0	126.9	1,433.7	1,439.3	4.00	-4.00	0.00
Pictured Cliffs									

ConocoPhillips or its affiliates
Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Primo Mudge #1C
Company:	ConocoPhillips SJBU	TVD Reference:	RKB @ 6422.0ft (AWS RIG)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6422.0ft (AWS RIG)
Site:	Other Named Wells	North Reference:	True
Well:	Primo Mudge #1C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Planned Survey:										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
3,600.0	27.25	84.94	3,208.1	127.8	1,444.2	1,449.9	4.00	-4.00	0.00	
3,700.0	23.25	84.94	3,298.5	131.6	1,486.7	1,492.5	4.00	-4.00	0.00	
3,738.4	21.72	84.94	3,334.0	132.9	1,501.3	1,507.2	4.00	-4.00	0.00	
Lewis										
3,800.0	19.25	84.94	3,391.7	134.8	1,522.8	1,528.8	4.00	-4.00	0.00	
3,900.0	15.25	84.94	3,487.2	137.4	1,552.3	1,558.4	4.00	-4.00	0.00	
4,000.0	11.25	84.94	3,584.5	139.4	1,575.2	1,581.3	4.00	-4.00	0.00	
4,100.0	7.25	84.94	3,683.2	140.8	1,591.2	1,597.4	4.00	-4.00	0.00	
4,200.0	3.25	84.94	3,782.8	141.6	1,600.3	1,606.5	4.00	-4.00	0.00	
4,281.3	0.00	0.00	3,864.0	141.8	1,602.6	1,608.9	4.00	-4.00	0.00	
Huerfano Bentonite - Intermediate Casing Primo Mudge #1C - ICP										
4,300.0	0.00	0.00	3,882.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
4,400.0	0.00	0.00	3,982.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
4,500.0	0.00	0.00	4,082.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
4,600.0	0.00	0.00	4,182.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
4,700.0	0.00	0.00	4,282.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
4,749.3	0.00	0.00	4,332.0	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
Chacra										
4,800.0	0.00	0.00	4,382.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
4,900.0	0.00	0.00	4,482.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
5,000.0	0.00	0.00	4,582.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
5,100.0	0.00	0.00	4,682.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
5,128.3	0.00	0.00	4,711.0	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
Upper Cliffhouse										
5,200.0	0.00	0.00	4,782.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
5,300.0	0.00	0.00	4,882.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
5,400.0	0.00	0.00	4,982.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
5,441.3	0.00	0.00	5,024.0	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
Massive Cliffhouse										
5,500.0	0.00	0.00	5,082.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
5,511.3	0.00	0.00	5,094.0	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
Menefee										
5,600.0	0.00	0.00	5,182.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,282.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,382.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
5,863.3	0.00	0.00	5,446.0	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
Point Lookout										
5,900.0	0.00	0.00	5,482.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
6,000.0	0.00	0.00	5,582.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
6,100.0	0.00	0.00	5,682.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
6,200.0	0.00	0.00	5,782.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
6,231.3	0.00	0.00	5,814.0	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
Mancos										
6,300.0	0.00	0.00	5,882.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
6,400.0	0.00	0.00	5,982.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,082.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,182.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,282.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,382.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,482.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,582.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	
7,100.0	0.00	0.00	6,682.7	141.8	1,602.6	1,608.9	0.00	0.00	0.00	

REFERENCE INFORMATION

RKB @ 6422.0ft (AWS RIG)
Ground Elevation 6407.0
Reference Lat: 36° 58' 3.645 N
Reference Long: 107° 56' 45.598 W

Project: San Juan Basin - New Mexico Well
Site: Other Named Wells
Well: Primo Mudge #1C
Wellbore: Principal 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	370.0	0.00	0.00	370.0	0.0	0.0	0.00	0.00	0.0	
3	1456.2	32.59	84.94	1398.6	26.5	299.5	3.00	84.94	300.6	
4	3466.7	32.59	84.94	3092.6	122.0	1378.0	0.00	0.00	1383.4	
5	4281.3	0.00	0.00	3864.0	141.8	1602.6	4.00	180.00	1608.9	Primo Mudge #1C - ICP
6	8260.3	0.00	0.00	7843.0	141.8	1602.6	0.00	0.00	1608.9	Primo Mudge #1C - PCP

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
239.0	239.0	Nacimiento
1676.0	1785.4	Ojo Alamo
1862.0	2006.2	Kirtland
2212.0	2421.6	Stage Tool
2562.0	2837.0	Fruitland
3188.0	3577.3	Pictured Cliffs
3334.0	3738.4	Lewis
3864.0	4281.3	Huerfano Bentonite
4332.0	4749.3	Chacra
4711.0	5128.3	Upper Cliffhouse
5024.0	5441.3	Massive Cliffhouse
5094.0	5511.3	Menefee
5446.0	5863.3	Point Lookout
5814.0	6231.3	Mancos
6810.0	7227.3	Upper Gallup
7514.0	7931.3	Greenhorn
7565.0	7982.3	Graneros
7637.0	8054.3	Two Wells
7705.0	8122.3	Paguate
7728.0	8145.3	Upper Cubero
7742.0	8159.3	Lower Cubero
7808.0	8225.3	Encinal
7843.0	8260.3	Total Depth



