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 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
AS DRILLED PLAT

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	2 Pool Code	3 Pool Name
30-045-35202	72319/71599	BLANCO MESAVERDE / BASIN DAKOTA

4 Property Code	5 Property Name	6 Well Number
18602	PRIMO MUDGE	1C

7 OGRID No.	8 Operator Name	9 Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY LP	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

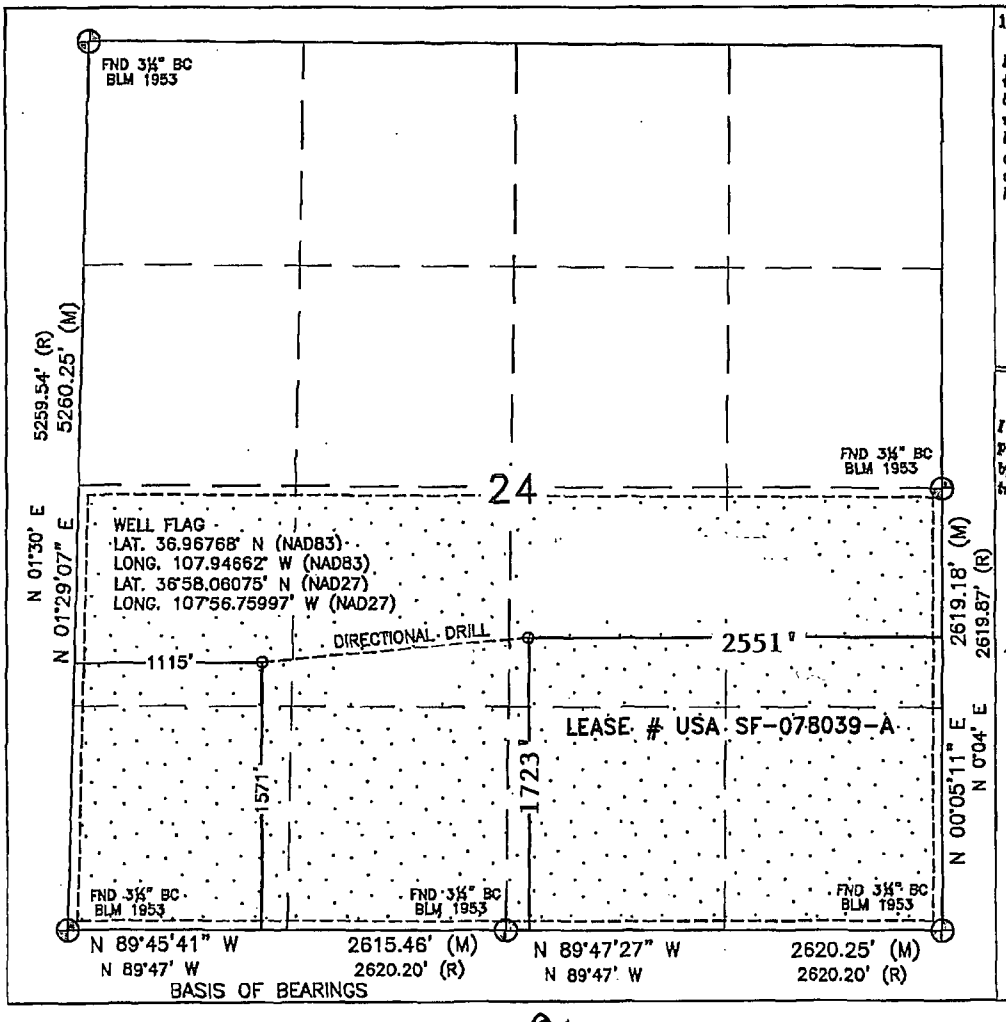
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	24	32N	11W		1723'	SOUTH	2551'	EAST	SAN JUAN

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320.00 ACRES – S/2			

RCVD APR 29 '13
OIL CONS. DIV.

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 DIST. 3

16



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.

Arleen White 4/29/13
Signature Date

Arleen White
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 R. RUSSELL
NEW MEXICO
10201
REGISTERED PROFESSIONAL LAND SURVEYOR

DAVID RUSSELL
Certificate Number 10201

ConocoPhillips

COP Deviation Report

PRIMO MUDGE #1C

Operator	Legal WellName	API / UWI	County	State/Province
BURLINGTON RESOURCES OIL & GAS COMPANY LP	PRIMO MUDGE #1C	3004535202	SAN JUAN	NEW MEXICO

Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
024-032N-011W-L	1,571.00	FSL	1,115.00	FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
1/8/2013	128.00	0.75		Inc-Drop	Mo Te Drilling Inc
1/8/2013	248.00	1.00		Inc-Drop	Mo Te Drilling Inc
1/8/2013	353.00	1.00		Inc-Drop	Mo Te Drilling Inc
1/17/2013	392.00	1.08	115.38	IncAzi-MWD	Scientific Drilling
1/17/2013	454.00	1.57	103.68	IncAzi-MWD	Scientific Drilling
1/17/2013	515.00	3.22	85.29	IncAzi-MWD	Scientific Drilling
1/17/2013	577.00	4.89	84.31	IncAzi-MWD	Scientific Drilling
1/17/2013	638.00	6.96	82.82	IncAzi-MWD	Scientific Drilling
1/17/2013	700.00	8.97	82.03	IncAzi-MWD	Scientific Drilling
1/17/2013	761.00	11.23	82.06	IncAzi-MWD	Scientific Drilling
1/17/2013	822.00	13.53	82.97	IncAzi-MWD	Scientific Drilling
1/17/2013	885.00	15.74	83.27	IncAzi-MWD	Scientific Drilling
1/17/2013	948.00	18.13	83.05	IncAzi-MWD	Scientific Drilling
1/17/2013	1,011.00	20.34	83.40	IncAzi-MWD	Scientific Drilling
1/17/2013	1,074.00	22.71	82.65	IncAzi-MWD	Scientific Drilling
1/17/2013	1,137.00	23.95	82.46	IncAzi-MWD	Scientific Drilling
1/17/2013	1,200.00	23.75	82.24	IncAzi-MWD	Scientific Drilling
1/17/2013	1,262.00	24.84	83.00	IncAzi-MWD	Scientific Drilling
1/17/2013	1,323.00	26.16	85.48	IncAzi-MWD	Scientific Drilling
1/17/2013	1,385.00	26.99	85.19	IncAzi-MWD	Scientific Drilling
1/17/2013	1,448.00	27.09	85.05	IncAzi-MWD	Scientific Drilling
1/17/2013	1,511.00	26.85	84.11	IncAzi-MWD	Scientific Drilling
1/17/2013	1,574.00	26.55	82.94	IncAzi-MWD	Scientific Drilling
1/17/2013	1,638.00	25.53	82.91	IncAzi-MWD	Scientific Drilling
1/17/2013	1,701.00	24.51	81.16	IncAzi-MWD	Scientific Drilling
1/17/2013	1,766.00	24.80	82.03	IncAzi-MWD	Scientific Drilling
1/17/2013	1,829.00	27.09	84.00	IncAzi-MWD	Scientific Drilling
1/17/2013	1,892.00	27.49	83.99	IncAzi-MWD	Scientific Drilling
1/17/2013	1,955.00	26.85	84.42	IncAzi-MWD	Scientific Drilling
1/17/2013	2,019.00	26.33	84.15	IncAzi-MWD	Scientific Drilling
1/17/2013	2,082.00	24.81	84.24	IncAzi-MWD	Scientific Drilling
1/17/2013	2,145.00	24.06	84.65	IncAzi-MWD	Scientific Drilling
1/17/2013	2,207.00	24.49	85.64	IncAzi-MWD	Scientific Drilling
1/17/2013	2,271.00	24.74	86.00	IncAzi-MWD	Scientific Drilling
1/17/2013	2,334.00	24.81	86.19	IncAzi-MWD	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

_____

Subcribed and sworn to me this _____

_____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Report Printed: 3/14/2013

ConocoPhillips

COP Deviation Report

PRIMO MUDGE #1C

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
1/17/2013	2,397.00	25.10	86.06	IncAzi-MWD	Scientific Drilling
1/17/2013	2,461.00	25.39	85.64	IncAzi-MWD	Scientific Drilling
1/18/2013	2,524.00	25.45	85.54	IncAzi-MWD	Scientific Drilling
1/18/2013	2,587.00	25.70	84.87	IncAzi-MWD	Scientific Drilling
1/18/2013	2,650.00	26.00	84.97	IncAzi-MWD	Scientific Drilling
1/18/2013	2,713.00	26.32	84.43	IncAzi-MWD	Scientific Drilling
1/18/2013	2,777.00	25.52	84.02	IncAzi-MWD	Scientific Drilling
1/18/2013	2,840.00	25.49	82.89	IncAzi-MWD	Scientific Drilling
1/18/2013	2,904.00	24.73	83.44	IncAzi-MWD	Scientific Drilling
1/18/2013	2,967.00	24.71	83.97	IncAzi-MWD	Scientific Drilling
1/18/2013	3,030.00	25.49	87.07	IncAzi-MWD	Scientific Drilling
1/18/2013	3,094.00	25.06	86.76	IncAzi-MWD	Scientific Drilling
1/18/2013	3,157.00	24.17	85.25	IncAzi-MWD	Scientific Drilling
1/18/2013	3,220.00	23.32	84.86	IncAzi-MWD	Scientific Drilling
1/18/2013	3,284.00	24.11	84.61	IncAzi-MWD	Scientific Drilling
1/18/2013	3,347.00	22.52	84.90	IncAzi-MWD	Scientific Drilling
1/18/2013	3,410.00	22.90	85.70	IncAzi-MWD	Scientific Drilling
1/18/2013	3,474.00	25.17	84.93	IncAzi-MWD	Scientific Drilling
1/18/2013	3,537.00	24.97	83.91	IncAzi-MWD	Scientific Drilling
1/18/2013	3,600.00	24.36	83.23	IncAzi-MWD	Scientific Drilling
1/18/2013	3,663.00	23.18	81.99	IncAzi-MWD	Scientific Drilling
1/19/2013	3,726.00	22.15	81.24	IncAzi-MWD	Scientific Drilling
1/19/2013	3,789.00	21.51	82.64	IncAzi-MWD	Scientific Drilling
1/19/2013	3,851.00	20.83	84.71	IncAzi-MWD	Scientific Drilling
1/19/2013	3,914.00	20.84	84.87	IncAzi-MWD	Scientific Drilling
1/19/2013	3,976.00	22.36	86.39	IncAzi-MWD	Scientific Drilling
1/19/2013	4,039.00	21.37	86.19	IncAzi-MWD	Scientific Drilling
1/19/2013	4,102.00	21.88	85.84	IncAzi-MWD	Scientific Drilling
1/19/2013	4,164.00	22.11	85.12	IncAzi-MWD	Scientific Drilling
1/19/2013	4,227.00	20.62	83.03	IncAzi-MWD	Scientific Drilling
1/19/2013	4,290.00	19.17	81.98	IncAzi-MWD	Scientific Drilling
1/19/2013	4,354.00	17.81	81.93	IncAzi-MWD	Scientific Drilling
1/19/2013	4,417.00	15.31	86.89	IncAzi-MWD	Scientific Drilling
1/19/2013	4,480.00	13.18	87.62	IncAzi-MWD	Scientific Drilling
1/19/2013	4,543.00	11.76	86.11	IncAzi-MWD	Scientific Drilling
1/19/2013	4,607.00	10.38	85.79	IncAzi-MWD	Scientific Drilling
1/19/2013	4,670.00	9.46	83.19	IncAzi-MWD	Scientific Drilling
1/19/2013	4,732.00	8.34	83.35	IncAzi-MWD	Scientific Drilling
1/19/2013	4,796.00	6.04	90.69	IncAzi-MWD	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

_____

Subcribed and sworn to me this _____

_____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Report Printed: 3/14/2013

ConocoPhillips

COP Deviation Report

PRIMO MUDGE #1C

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
1/19/2013	4,859.00	5.34	96.95	IncAzi-MWD	Scientific Drilling
1/19/2013	4,915.00	3.69	94.87	IncAzi-MWD	Scientific Drilling
1/19/2013	4,973.00	2.78	92.54	Projection	Scientific Drilling
1/31/2013	8,075.00	2.00		Inc-WL	Phoenix Services LLC

I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Cara Blair 3/14/13

Subcribed and sworn to me this March 14, 2013

Notary Public in and for San Juan County, New Mexico

My Commission expires 5/26/2015

Report Printed: 3/14/2013

ConocoPhillips

ConocoPhillips

SJB (NM West)
SEC 24-T32N-R11W
Primo Mudge #1C
30-045-35202
OH

Design: OH

Standard Survey Report

24 January, 2013

This survey is correct to the best of my knowledge and is supported by actual field data.

Notarized this date 21st of March, 2013.

LeAudra Stanley
Notary Signature
County of Mesa
State of Colorado

LEAUDRA STANLEY
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID #20044039346
My Commission Expires December 5, 2016

Scientific Drilling

ConocoPhillips

Project: SJB (NM West)
Site: SEC 24-T32N-R11W
Well: Primo Mudge #1C
Wellbore: OH
Design: OH

Scientific Drilling

WELL DETAILS: Primo Mudge #1C

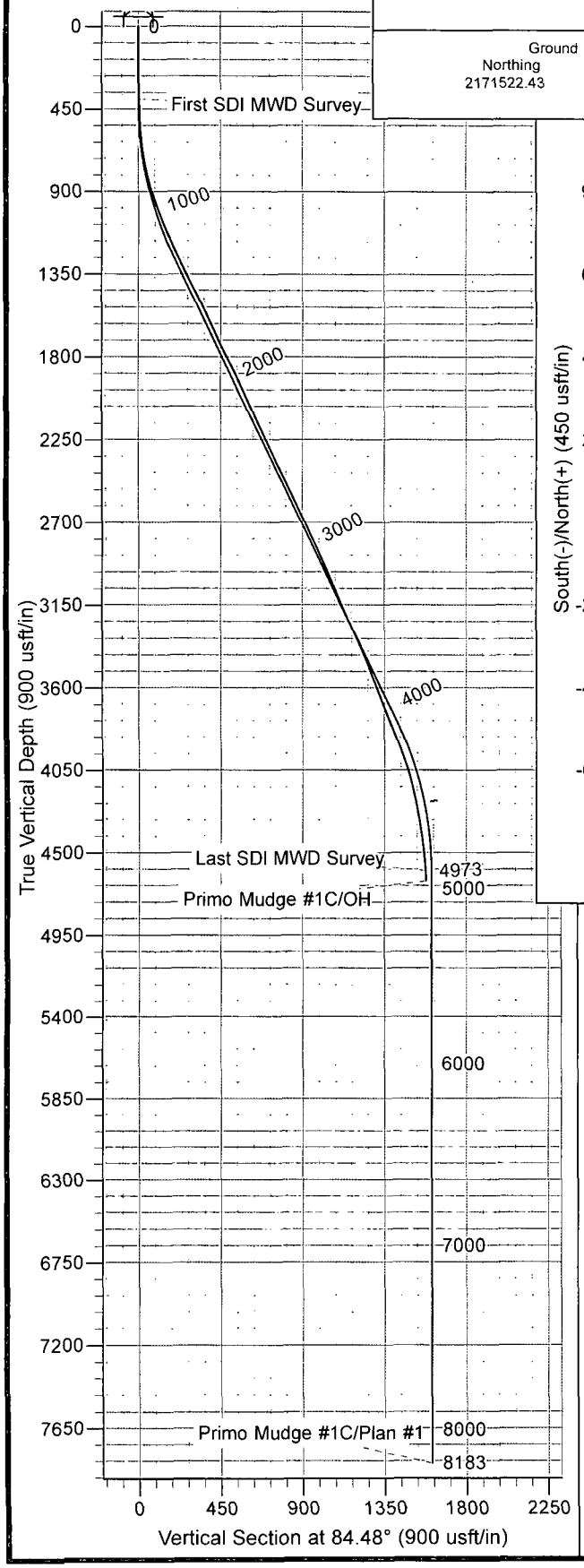
Ground Level: GL 6407' & RKB 15' @ 6422.0usft (AWS 730)

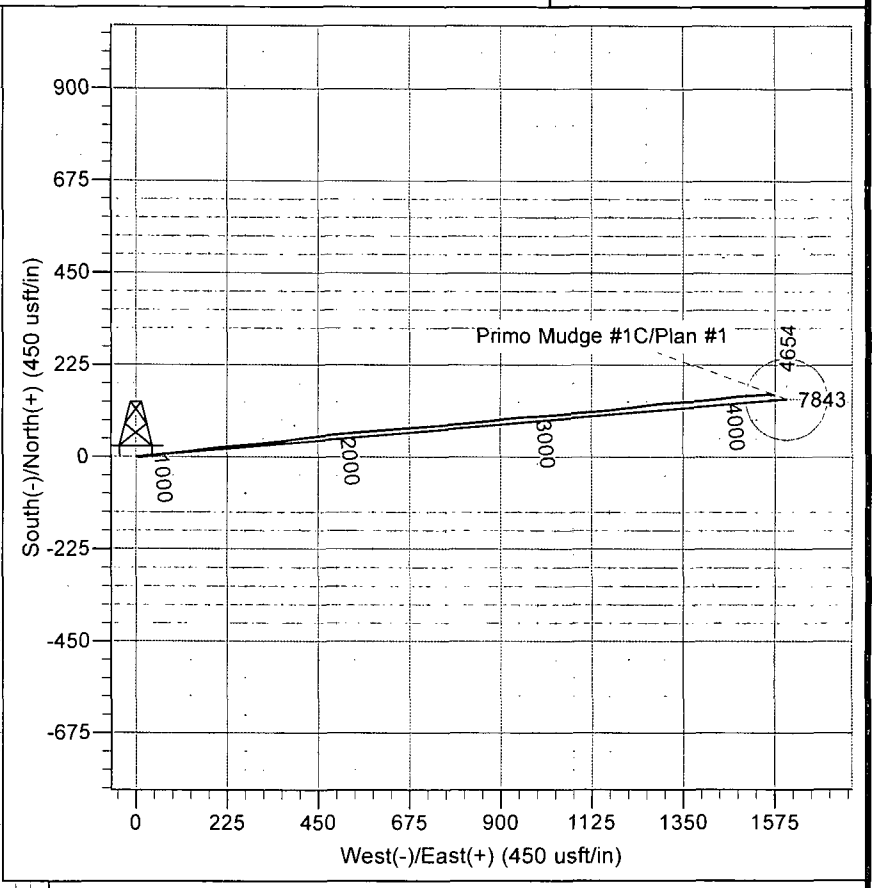
Northing	Easting	Latitude	Longitude
2171522.43	467085.84	36° 58' 3.645 N	107° 56' 45.598 W

T M

Azimuths to True North
Magnetic North: 9.85°

Magnetic Field
Strength: 50622.7snT
Dip Angle: 63.57°
Date: 01/14/2013
Model: BGGM2012





REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Primo Mudge #1C, True North
Vertical (TVD) Reference: GL 6407' & RKB 15' @ 6422.0usft (AWS 730)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: GL 6407' & RKB 15' @ 6422.0usft (AWS 730)
Calculation Method: Minimum Curvature
Local North: True

PROJECT DETAILS: SJB (NM West)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico West 3003

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well Primo Mudge #1C
Project:	SJB (NM West)	**TVD Reference:**	GL 6407' & RKB 15' @ 6422.0usft (AWS 730)
Site:	SEC 24-T32N-R11W	**MD Reference:**	GL 6407' & RKB 15' @ 6422.0usft (AWS 730)
Well:	Primo Mudge #1C	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	Farmington 5000 DB

Project SJB (NM West), San Juan County, New Mexico, S-Type MV/DK Wells

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site SEC 24-T32N-R11W

Site Position:		**Northing:**	2,171,522.43 usft	**Latitude:**	36° 58' 3.645 N
From:	Lat/Long	**Easting:**	467,085.84 usft	**Longitude:**	107° 56' 45.598 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	-0.07 °

Well Primo Mudge #1C, 1571' FSL & 1115' FWL

Well Position	**+N/-S**	0.0 usft	**Northing:**	2,171,522.43 usft	**Latitude:**	36° 58' 3.645 N
	+E/-W	0.0 usft	**Easting:**	467,085.84 usft	**Longitude:**	107° 56' 45.598 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	6,407.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	01/14/2013	9.85	63.57	50,623

Design OH

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	84.48

Survey Program **Date** 01/24/2013

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
392.0	4,973.0	Survey #1 - MWD Survey (OH)	MWD SDI	MWD - Standard ver 1.0.1

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
392.0	1.08	115.38	392.0	-1.6	3.3	3.2	0.28	0.28	0.00
First SDI MWD Survey									
454.0	1.57	103.68	454.0	-2.0	4.7	4.5	0.90	0.79	-18.87
515.0	3.22	85.29	514.9	-2.1	7.2	7.0	2.95	2.70	-30.15
577.0	4.89	84.31	576.7	-1.7	11.6	11.4	2.70	2.69	-1.58
638.0	6.96	82.82	637.4	-1.0	17.8	17.7	3.40	3.39	-2.44
700.0	8.97	82.03	698.8	0.2	26.3	26.2	3.25	3.24	-1.27
761.0	11.23	82.06	758.9	1.7	36.9	36.9	3.70	3.70	0.05
822.0	13.53	82.97	818.4	3.3	49.9	50.0	3.78	3.77	1.49
885.0	15.74	83.27	879.4	5.3	65.7	65.9	3.51	3.51	0.48

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well Primo Mudge #1C
Project:	SJB (NM West)	**TVD Reference:**	GL 6407' & RKB 15' @ 6422.0usft (AWS 730)
Site:	SEC 24-T32N-R11W	**MD Reference:**	GL 6407' & RKB 15' @ 6422.0usft (AWS 730)
Well:	Primo Mudge #1C	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	Farmington 5000 DB

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)
948.0	18.13	83.05	939.7	7.4	83.9	84.3	3.80	3.79	-0.35
1,011.0	20.34	83.40	999.1	9.9	104.5	105.0	3.51	3.51	0.56
1,074.0	22.71	82.65	1,057.7	12.7	127.5	128.1	3.79	3.76	-1.19
1,137.0	23.95	82.46	1,115.6	15.9	152.2	153.0	1.97	1.97	-0.30
1,200.0	23.75	82.24	1,173.2	19.3	177.5	178.5	0.35	-0.32	-0.35
1,262.0	24.84	83.00	1,229.7	22.6	202.8	204.0	1.83	1.76	1.23
1,323.0	26.16	85.48	1,284.8	25.2	228.9	230.2	2.78	2.16	4.07
1,385.0	26.99	85.19	1,340.2	27.5	256.5	258.0	1.35	1.34	-0.47
1,448.0	27.09	85.05	1,396.3	29.9	285.1	286.6	0.19	0.16	-0.22
1,511.0	26.85	84.11	1,452.5	32.6	313.5	315.2	0.78	-0.38	-1.49
1,574.0	26.55	82.94	1,508.8	35.8	341.6	343.5	0.96	-0.48	-1.86
1,638.0	25.53	82.91	1,566.3	39.3	369.5	371.6	1.59	-1.59	-0.05
1,701.0	24.51	81.16	1,623.4	42.9	395.9	398.2	2.00	-1.62	-2.78
1,766.0	24.80	82.03	1,682.4	46.9	422.7	425.3	0.71	0.45	1.34
1,829.0	27.09	84.00	1,739.1	50.2	450.1	452.8	3.88	3.63	3.13
1,892.0	27.49	83.99	1,795.1	53.3	478.8	481.7	0.63	0.63	-0.02
1,955.0	26.85	84.42	1,851.1	56.2	507.4	510.5	1.06	-1.02	0.68
2,019.0	26.33	84.15	1,908.3	59.0	535.9	539.1	0.83	-0.81	-0.42
2,082.0	24.81	84.24	1,965.2	61.8	563.0	566.3	2.41	-2.41	0.14
2,145.0	24.06	84.65	2,022.5	64.3	588.9	592.4	1.22	-1.19	0.65
2,207.0	24.49	85.64	2,079.1	66.4	614.3	617.9	0.95	0.69	1.60
2,271.0	24.74	86.00	2,137.2	68.4	640.9	644.5	0.46	0.39	0.56
2,334.0	24.81	86.19	2,194.4	70.2	667.2	670.9	0.17	0.11	0.30
2,397.0	25.10	86.06	2,251.6	72.0	693.8	697.5	0.47	0.46	-0.21
2,461.0	25.39	85.64	2,309.4	74.0	721.0	724.8	0.53	0.45	-0.66
2,524.0	25.45	85.54	2,366.3	76.0	747.9	751.8	0.12	0.10	-0.16
2,587.0	25.70	84.87	2,423.2	78.3	775.0	779.0	0.61	0.40	-1.06
2,650.0	26.00	84.97	2,479.9	80.7	802.4	806.5	0.48	0.48	0.16
2,713.0	26.32	84.43	2,536.4	83.3	830.1	834.2	0.63	0.51	-0.86
2,777.0	25.52	84.02	2,594.0	86.1	857.9	862.2	1.28	-1.25	-0.64
2,840.0	25.49	82.89	2,650.8	89.2	884.8	889.3	0.77	-0.05	-1.79
2,904.0	24.73	83.44	2,708.8	92.5	911.8	916.5	1.24	-1.19	0.86
2,967.0	24.71	83.97	2,766.0	95.3	938.0	942.8	0.35	-0.03	0.84
3,030.0	25.49	87.07	2,823.1	97.4	964.6	969.5	2.43	1.24	4.92
3,094.0	25.06	86.76	2,880.9	98.9	991.9	996.8	0.70	-0.67	-0.48
3,157.0	24.17	85.25	2,938.2	100.7	1,018.1	1,023.1	1.73	-1.41	-2.40
3,220.0	23.32	84.86	2,995.9	102.9	1,043.4	1,048.4	1.37	-1.35	-0.62
3,284.0	24.11	84.61	3,054.5	105.3	1,069.0	1,074.2	1.24	1.23	-0.39
3,347.0	22.52	84.90	3,112.3	107.5	1,093.8	1,099.1	2.53	-2.52	0.46
3,410.0	22.90	85.70	3,170.4	109.5	1,118.1	1,123.4	0.78	0.60	1.27
3,474.0	25.17	84.93	3,228.9	111.7	1,144.0	1,149.5	3.58	3.55	-1.20
3,537.0	24.97	83.91	3,286.0	114.3	1,170.6	1,176.2	0.76	-0.32	-1.62
3,600.0	24.36	83.23	3,343.2	117.2	1,196.7	1,202.5	1.07	-0.97	-1.08

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well Primo Mudge #1C
Project:	SJB (NM West)	**TVD Reference:**	GL 6407' & RKB 15' @ 6422.0usft (AWS 730)
Site:	SEC 24-T32N-R11W	**MD Reference:**	GL 6407' & RKB 15' @ 6422.0usft (AWS 730)
Well:	Primo Mudge #1C	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	Farmington 5000 DB

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)
3,663.0	23.18	81.99	3,400.9	120.5	1,221.9	1,227.8	2.03	-1.87	-1.97
3,726.0	22.15	81.24	3,459.0	124.0	1,245.9	1,252.1	1.70	-1.63	-1.19
3,789.0	21.51	82.64	3,517.5	127.3	1,269.1	1,275.5	1.31	-1.02	2.22
3,851.0	20.83	84.71	3,575.3	129.8	1,291.4	1,297.9	1.63	-1.10	3.34
3,914.0	20.84	84.87	3,634.2	131.8	1,313.7	1,320.3	0.09	0.02	0.25
3,976.0	22.36	86.39	3,691.8	133.5	1,336.4	1,343.1	2.61	2.45	2.45
4,039.0	21.37	86.19	3,750.3	135.0	1,359.9	1,366.5	1.58	-1.57	-0.32
4,102.0	21.88	85.84	3,808.9	136.7	1,383.0	1,389.8	0.84	0.81	-0.56
4,164.0	22.11	85.12	3,866.3	138.5	1,406.2	1,413.0	0.57	0.37	-1.16
4,227.0	20.62	83.03	3,925.0	140.8	1,429.0	1,435.9	2.66	-2.37	-3.32
4,290.0	19.17	81.98	3,984.2	143.6	1,450.3	1,457.3	2.37	-2.30	-1.67
4,354.0	17.81	81.93	4,044.9	146.5	1,470.3	1,477.6	2.13	-2.13	-0.08
4,417.0	15.31	86.89	4,105.3	148.3	1,488.2	1,495.6	4.56	-3.97	7.87
4,480.0	13.18	87.62	4,166.4	149.0	1,503.7	1,511.0	3.39	-3.38	1.16
4,543.0	11.76	86.11	4,227.9	149.8	1,517.3	1,524.6	2.31	-2.25	-2.40
4,607.0	10.38	85.79	4,290.7	150.6	1,529.5	1,536.9	2.16	-2.16	-0.50
4,670.0	9.46	83.19	4,352.8	151.7	1,540.3	1,547.8	1.62	-1.46	-4.13
4,732.0	8.34	85.35	4,414.0	152.6	1,549.9	1,557.4	1.88	-1.81	3.48
4,796.0	6.04	90.69	4,477.5	153.0	1,557.9	1,565.3	3.74	-3.59	8.34
4,859.0	5.34	96.35	4,540.2	152.6	1,564.1	1,571.5	1.42	-1.11	8.98
4,915.0	3.69	94.87	4,596.0	152.2	1,568.5	1,575.8	2.95	-2.95	-2.64
Last SDI MWD Survey									
4,973.0	2.78	92.54	4,653.9	151.9	1,571.7	1,579.1	1.59	-1.57	-4.02

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
392.0	392.0	-1.6	3.3	First SDI MWD Survey
4,915.0	4,596.0	152.2	1,568.5	Last SDI MWD Survey

Checked By: _____ Approved By: _____ Date: _____