District I
1625 N. French Drive, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Drive, Santa Fe, NM 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

Submit one copy to Appropriate District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

AS DRILLED PLAT

RCVD NOV 16 '12
OIL CONS. DIV.
DIST. 3

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-039-30663	72319 / 71599 / 97232	BLANCO MESAVERDE / BASIN DAKOTA / BASIN MANCOS

4 Property Code	5 Property Name	6 Well Number
31739	SAN JUAN 28-7 UNIT	131N

7 OGRID No.	8 Operator Name	9 Elevation
217817	CONOCOPHILLIPS COMPANY	6058'

10 Surface Location

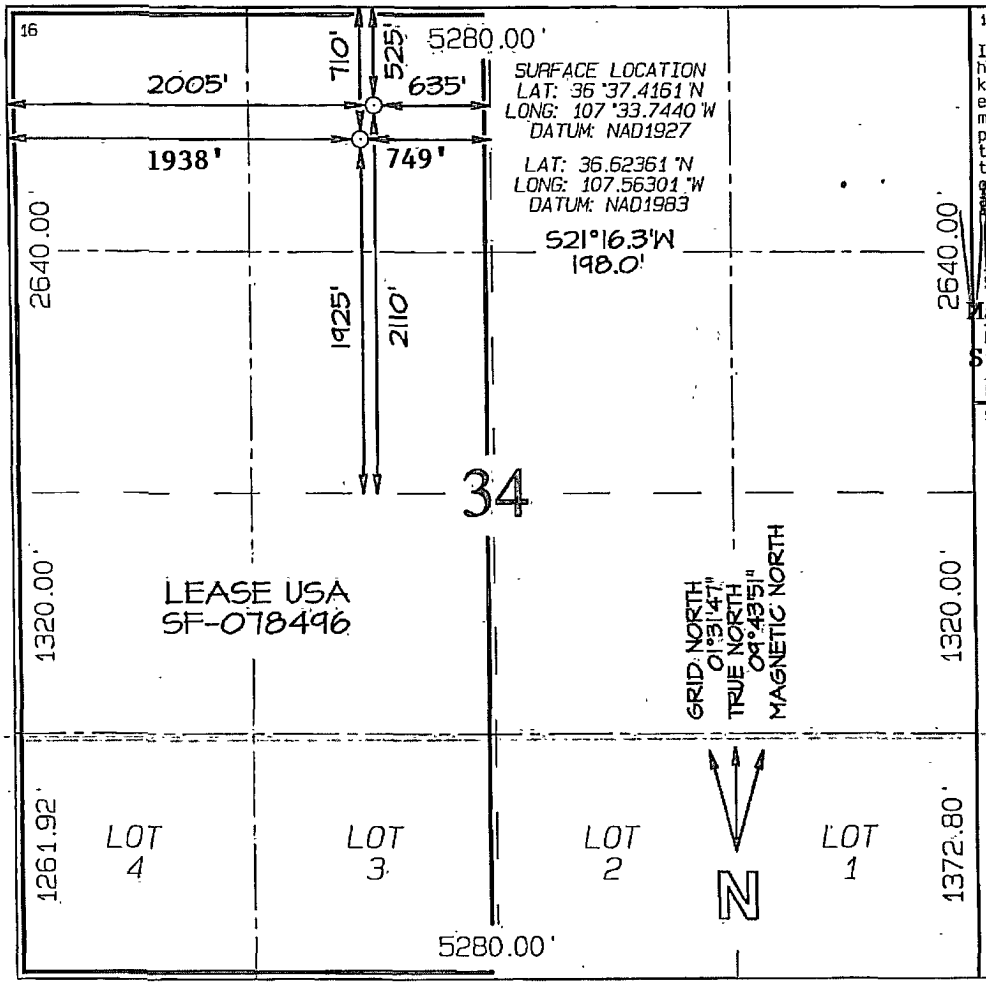
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	34	28N	7W		525	NORTH	2005	WEST	RIO ARRIBA

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
C	34	28N	7W		749'	NORTH	1938'	WEST	RIO ARRIBA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
MV - DK - MC 318.40 Acres - (W/2)			

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.

Signature Date 11/15/12

Marie E. Jaramillo 11/15/12
Printed Name

Staff Regulatory Tech.
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.

Date Revised: FEBRUARY 9, 2012
Date of Survey: JULY 5, 2008

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS
Certificate Number 15269

ConocoPhillips

COP Deviation Report

SAN JUAN 28-7 UNIT #131N

RCVD NOV 16 '12
OIL CONS. DIV.
DIST. 3

Operator	Legal WellName	API / UWI	County	State/Province
CONOCOPHILLIPS COMPANY	SAN JUAN 28-7 UNIT #131N	3003930663	RIO ARRIBA	NEW MEXICO

Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
034-028N-007W-C	525 00	FNL	2,005 00	FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
9/8/2012	0.00	0.00	0.00	IncAzi-MWD	Scientific Drilling
7/23/2012	130.00	0.75		Inc-WL	Mo Te Drilling Inc
7/23/2012	235 00	0.50		Inc-WL	Mo Te Drilling Inc
9/8/2012	298 00	1 05	213 47	IncAzi-MWD	Scientific Drilling
9/8/2012	360 00	0 89	223 07	IncAzi-MWD	Scientific Drilling
9/8/2012	421 00	0.82	196 73	IncAzi-MWD	Scientific Drilling
9/8/2012	483.00	0.91	214 73	IncAzi-MWD	Scientific Drilling
9/8/2012	544.00	0.74	219.00	IncAzi-MWD	Scientific Drilling
9/8/2012	605.00	0.57	227.97	IncAzi-MWD	Scientific Drilling
9/8/2012	666.00	0.57	220 18	IncAzi-MWD	Scientific Drilling
9/8/2012	727 00	0.69	232.69	IncAzi-MWD	Scientific Drilling
9/8/2012	788 00	0.89	236.01	IncAzi-MWD	Scientific Drilling
9/8/2012	850 00	0.98	234.39	IncAzi-MWD	Scientific Drilling
9/8/2012	912 00	0.61	235 38	IncAzi-MWD	Scientific Drilling
9/8/2012	974 00	0.21	207 47	IncAzi-MWD	Scientific Drilling
9/8/2012	1,071.00	0.13	123 04	IncAzi-MWD	Scientific Drilling
9/8/2012	1,135.00	0.11	150.17	IncAzi-MWD	Scientific Drilling
9/8/2012	1,198.00	0 11	241.25	IncAzi-MWD	Scientific Drilling
9/8/2012	1,261.00	0 26	86.14	IncAzi-MWD	Scientific Drilling
9/8/2012	1,324.00	0.58	215.80	IncAzi-MWD	Scientific Drilling
9/8/2012	1,387.00	1.29	215 70	IncAzi-MWD	Scientific Drilling
9/8/2012	1,450.00	2.28	219 10	IncAzi-MWD	Scientific Drilling
9/9/2012	1,513.00	3.37	214 82	IncAzi-MWD	Scientific Drilling
9/9/2012	1,577 00	4.32	209.26	IncAzi-MWD	Scientific Drilling
9/9/2012	1,640 00	5.26	203.54	IncAzi-MWD	Scientific Drilling
9/9/2012	1,704.00	6 22	207.60	IncAzi-MWD	Scientific Drilling
9/9/2012	1,767.00	7 29	206.02	IncAzi-MWD	Scientific Drilling
9/9/2012	1,830.00	8 43	204.14	IncAzi-MWD	Scientific Drilling
9/9/2012	1,894.00	9.63	199 32	IncAzi-MWD	Scientific Drilling
9/9/2012	1,957.00	10.82	196 66	IncAzi-MWD	Scientific Drilling
9/9/2012	2,020.00	11.84	194 68	IncAzi-MWD	Scientific Drilling
9/9/2012	2,083.00	13.04	195.05	IncAzi-MWD	Scientific Drilling
9/9/2012	2,146.00	13.50	192.46	IncAzi-MWD	Scientific Drilling
9/9/2012	2,209.00	14.06	192.49	IncAzi-MWD	Scientific Drilling
9/9/2012	2,273.00	14.15	193.65	IncAzi-MWD	Scientific Drilling
9/9/2012	2,336 00	13 18	191.63	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: 11/15/2012

ConocoPhillips

COP Deviation Report

SAN JUAN 28-7 UNIT #131N

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
9/9/2012	2,400.00	12.03	190 35	IncAzi-MWD	Scientific Drilling
9/10/2012	2,463 00	10 79	188 04	IncAzi-MWD	Scientific Drilling
9/10/2012	2,525 00	9 54	186 30	IncAzi-MWD	Scientific Drilling
9/10/2012	2,589 00	8.56	188.97	IncAzi-MWD	Scientific Drilling
9/10/2012	2,653.00	7 25	186.98	IncAzi-MWD	Scientific Drilling
9/10/2012	2,716 00	5 88	185.45	IncAzi-MWD	Scientific Drilling
9/10/2012	2,779.00	5 08	194.70	IncAzi-MWD	Scientific Drilling
9/10/2012	2,843.00	4.13	199.98	IncAzi-MWD	Scientific Drilling
9/10/2012	2,906.00	2 68	211.09	IncAzi-MWD	Scientific Drilling
9/10/2012	2,945.00	1.95	205.25	IncAzi-MWD	Scientific Drilling
9/19/2012	7,121.00	0.75		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.**

Subcribed and sworn to me this 11/15/12

Notary Public in and for San Juan County, New Mexico

My Commission expires 9/28/16

ConocoPhillips

ConocoPhillips

SJB (NM Central)
SEC 34-T28N-R7W
San Juan 28-7 Unit 131N

OH

3003930663

Design: OH

Standard Survey Report

18 September, 2012

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

Notarized this date 19th of September, 2012.

Chrystal D Wollerman

Notary Signature
County of Natrona
State of Wyoming

NOTARY PUBLIC
CHRYSTAL D. WOLLERMAN
STATE OF WYOMING
COUNTY OF NATRONA
My Commission Expires Oct 20, 2013

Scientific Drilling

ConocoPhillips

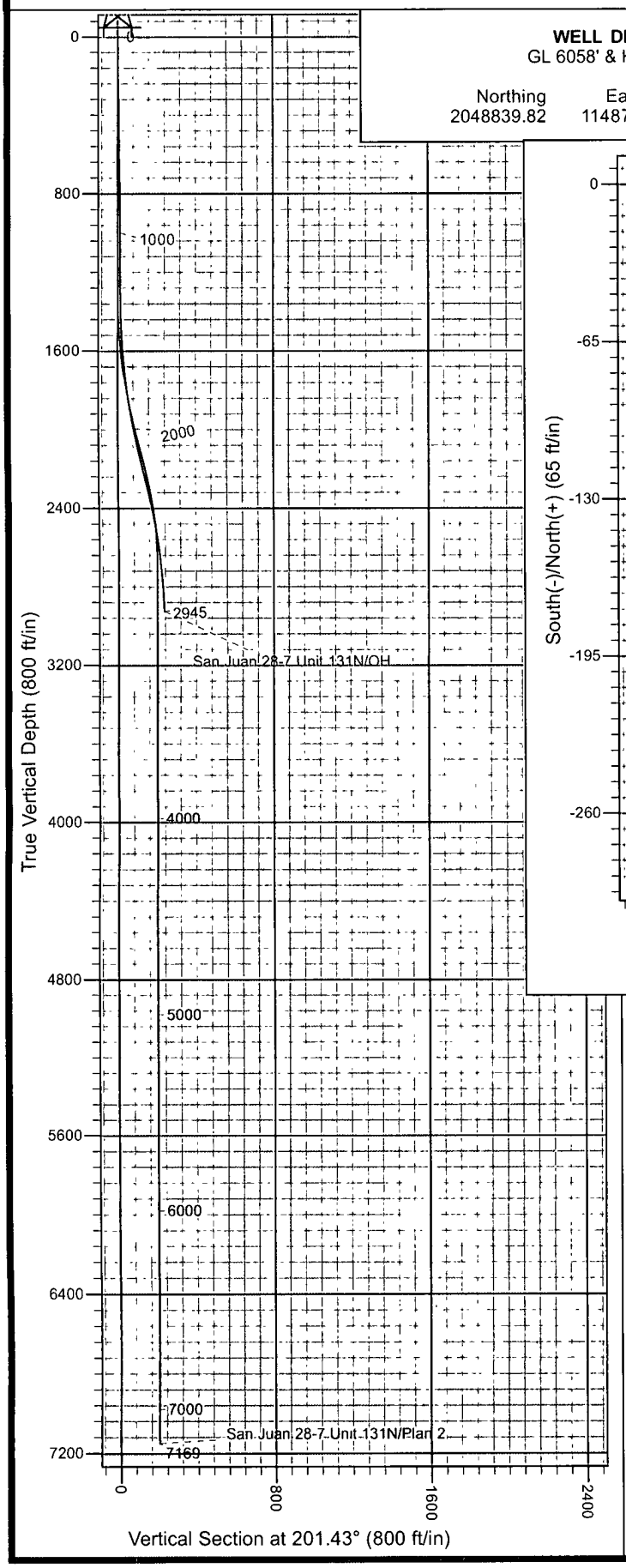
Project: SJB (NM Central)
Site: SEC 34-T28N-R7W
Well: San Juan 28-7 Unit 131N
Wellbore: OH
Design: OH

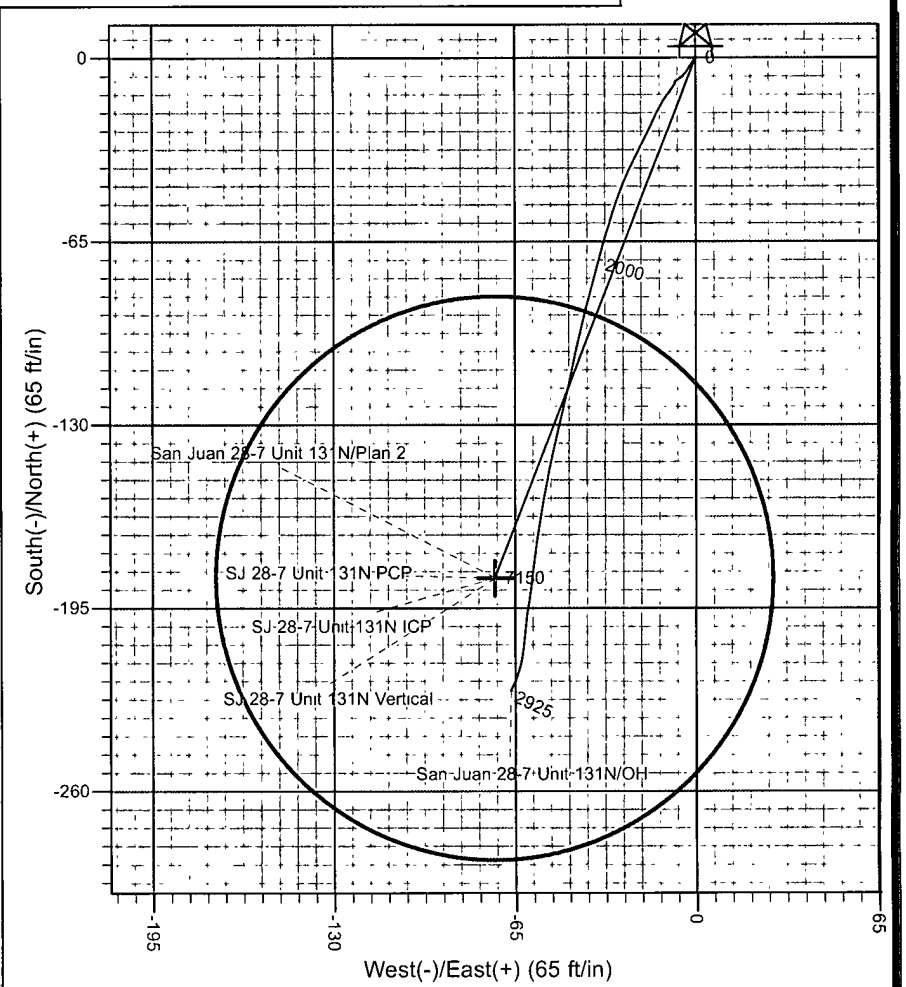
Scientific Drilling
Directional Drilling Operations

WELL DETAILS: San Juan 28-7 Unit 131N
GL 6058' & KB 15' @ 6073.0ft (AWS 920)
Ground Level:6058.0

Northing	Easting	Latitude	Longitude
2048839.82	114875.15	36° 37' 24.966 N	107° 33' 44.640 W

Azimuths to True North
Magnetic North: 9.69°
Magnetic Field
Strength: 50526.7snT
Dip Angle: 63.35°
Date: 2012/09/04
Model: BGGM2012





REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well San Juan 28-7 Unit 131N, True North
Vertical (TVD) Reference: GL 6058' & KB 15' @ 6073.0ft (AWS 920)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: GL 6058' & KB 15' @ 6073.0ft (AWS 920)
Calculation Method: Minimum Curvature

PROJECT DETAILS: SJB (NM Central)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico Central 3002
System Datum: Mean Sea Level

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well San Juan 28-7 Unit 131N
Project:	SJB (NM Central)	**TVD Reference:**	GL 6058' & KB 15' @ 6073.0ft (AWS 920)
Site:	SEC 34-T28N-R7W	**MD Reference:**	GL 6058' & KB 15' @ 6073.0ft (AWS 920)
Well:	San Juan 28-7 Unit 131N	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 2003 21 Single User Db

Project SJB (NM Central), 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)		Using Well Reference Point
Map Zone:	New Mexico Central 3002		Using geodetic scale factor

Site SEC 34-T28N-R7W

Site Position:		**Northing:**	2,048,839 82 ft	**Latitude:**	36° 37' 24 966 N
From:	Lat/Long	**Easting:**	114,875.15 ft	**Longitude:**	107° 33' 44.640 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	-0.78 °

Well San Juan 28-7 Unit 131N, 525' FNL 2005' FWL

Well Position	**+N/-S**	0.0 ft	**Northing:**	2,048,839.82 ft	**Latitude:**	36° 37' 24.966 N
	+E/-W	0.0 ft	**Easting:**	114,875.15 ft	**Longitude:**	107° 33' 44 640 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,058 0 ft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	2012/09/04	9.69	63.35	50,527

Design OH

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0 0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0 0	201 43

Survey Program **Date** 2012/09/18

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
298.0	2,945.0	Survey #1 (OH)	MWD SDI	MWD - Standard ver 1.0 1

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
298.0	1 05	213.47	298.0	-2.3	-1 5	2 7	0.35	0.35	0 00
First SDI MWD Survey									
360.0	0 89	223.07	360 0	-3 1	-2.1	3.7	0 37	-0 26	15.48
421.0	0.82	196 73	421.0	-3.9	-2.6	4.5	0.65	-0 11	-43.18
483 0	0.91	214 73	483.0	-4.7	-3.0	5 5	0.46	0.15	29.03
544.0	0.74	219.00	544.0	-5.4	-3.5	6.3	0.30	-0.28	7.00
605 0	0 57	227.97	605.0	-5 9	-4.0	7 0	0.32	-0.28	14.70
666 0	0.57	220.18	665.9	-6 3	-4.4	7 5	0.13	0.00	-12.77
727.0	0 69	232.69	726.9	-6.8	-4 9	8.1	0 30	0.20	20.51
788.0	0.89	236 01	787.9	-7.3	-5.6	8.8	0.34	0.33	5.44
850.0	0.98	234.39	849.9	-7.9	-6.4	9.7	0.15	0.15	-2.61
912.0	0.61	235.38	911 9	-8.4	-7 1	10.4	0.60	-0.60	1 60

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well San Juan 28-7 Unit 131N
Project:	SJB (NM Central)	**TVD Reference:**	GL 6058' & KB 15' @ 6073.0ft (AWS 920)
Site:	SEC 34-T28N-R7W	**MD Reference:**	GL 6058' & KB 15' @ 6073.0ft (AWS 920)
Well:	San Juan 28-7 Unit 131N	**North Reference:**	True
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 2003 21 Single User Db

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)
974.0	0.21	207 47	973 9	-8.6	-7 5	10 8	0 70	-0 65	-45.02
1,071 0	0.13	123.04	1,070 9	-8 9	-7 4	11 0	0 24	-0.08	-87 04
1,135.0	0.11	150 17	1,134 9	-9.0	-7 4	11.0	0.09	-0.03	42 39
1,198.0	0.11	241 25	1,197.9	-9.0	-7 4	11.1	0.25	0.00	144.57
1,261.0	0.26	86.14	1,260.9	-9.1	-7.3	11.1	0 58	0.24	-246.21
1,324 0	0.58	215.80	1,323.9	-9.3	-7.3	11.3	1.23	0 51	205 81
1,387 0	1.29	215.70	1,386.9	-10 1	-7.9	12 3	1.13	1 13	-0.16
1,450.0	2 28	219.10	1,449.9	-11 7	-9.1	14 2	1.58	1 57	5.40
1,513.0	3 37	214.82	1,512.8	-14 2	-11.0	17.2	1.76	1 73	-6.79
1,577.0	4.32	209 26	1,576.7	-17.8	-13 2	21.4	1 59	1 48	-8.69
1,640 0	5.26	203 54	1,639 4	-22.6	-15.5	26 7	1 67	1 49	-9.08
1,704 0	6.22	207 60	1,703.1	-28.3	-18 3	33.1	1.63	1 50	6.34
1,767 0	7.29	206.02	1,765 7	-34.9	-21.7	40.4	1 72	1.70	-2.51
1,830 0	8 43	204 14	1,828.1	-42.7	-25 3	49.0	1 85	1.81	-2 98
1,894 0	9 63	199.32	1,891.3	-52.1	-29 0	59.1	2.21	1.88	-7.53
1,957.0	10.82	196.66	1,953.3	-62.7	-32.4	70.2	2.03	1.89	-4.22
2,020.0	11 84	194.68	2,015.1	-74.6	-35 8	82.5	1.73	1.62	-3.14
2,083.0	13.04	195.05	2,076.6	-87.7	-39.2	96 0	1.91	1.90	0 59
2,146.0	13.50	192.46	2,137 9	-101 8	-42.7	110 3	1.19	0 73	-4.11
2,209.0	14.06	192.49	2,199 1	-116.4	-45.9	125 2	0 89	0.89	0.05
2,273.0	14.15	193 65	2,261.2	-131.6	-49 4	140 6	0.46	0 14	1.81
2,336.0	13.18	191.63	2,322.4	-146.1	-52.7	155.3	1 72	-1.54	-3.21
2,399.0	12 03	190 35	2,383.9	-159.6	-55 3	168.8	1.88	-1.83	-2.03
2,463 0	10 79	188 04	2,446.6	-172.1	-57.4	181.2	2.06	-1.94	-3.61
2,525.0	9.54	186.30	2,507.6	-183.0	-58.8	191.8	2 08	-2.02	-2 81
2,589.0	8 56	188.97	2,570.8	-193.0	-60.1	201.6	1 67	-1 53	4.17
2,653.0	7 25	186.98	2,634 2	-201.7	-61.3	210 1	2 09	-2 05	-3.11
2,716.0	5.88	185.45	2,696.8	-208.8	-62.1	217 1	2.19	-2.17	-2 43
2,779.0	5 08	194.70	2,759.5	-214.7	-63.1	223 0	1.89	-1 27	14 68
2,843.0	4 13	199.98	2,823 3	-219 7	-64 6	228.1	1.62	-1.48	8.25
2,906.0	2.68	211.09	2,886.2	-223.0	-66.2	231.8	2.52	-2.30	17.63
2,945.0	1.95	205 25	2,925 2	-224.4	-66.9	233 4	1.96	-1.87	-14 97
Last SDI MWD Survey									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
298 0	298 0	-2.3	-1.5	First SDI MWD Survey
2,945 0	2,925.2	-224 4	-66 9	Last SDI MWD Survey

Checked By: _____ Approved By: _____ Date: _____