

RCVD JUL 11 '12

OIL CONS. DIV.

DIST. 3

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 DepartmentForm C-102
Revised October 12, 2005Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

AS DRILLED PLAT

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35137		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 6800	*Property Name ATLANTIC A		*Well Number B C
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation EAST

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
G	29	31N	10W	7	1368'	NORTH	1980'	EAST	SAN JUAN

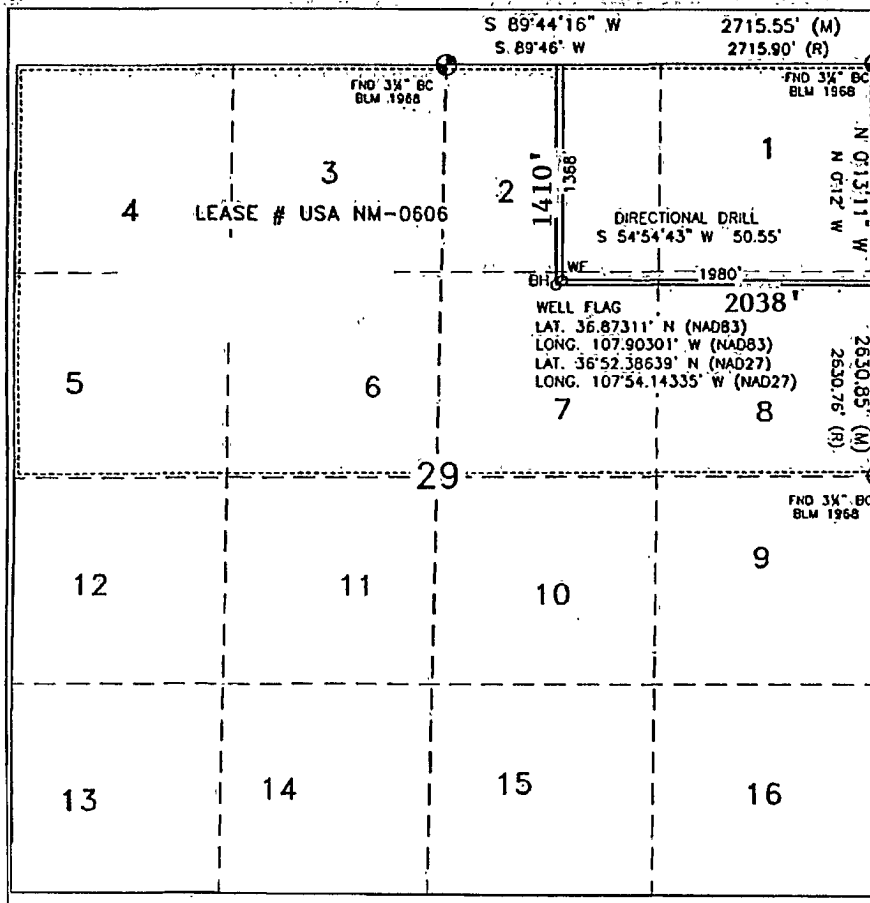
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	29	31N	10W	7	1410'	NORTH	2038'	EAST	SAN JUAN

*Dedicated Acres 328.94 ACRES - N/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

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. Acreage entered by the division.

Signature: *Marie E. Jaramillo* Date: 6/28/12
Printed Name: Marie E. Jaramillo

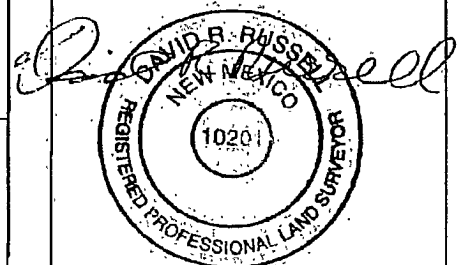
18 SURVEYOR CERTIFICATION

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.

AUGUST 24, 2009

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number 10201

AV

TR

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP		Legal WellName ATLANTIC A #8C		API / UWI 3004535137		County SAN JUAN		State / Province NEW MEXICO			
Surface Legal Location 029-031N-010W-G				N/S Dist (ft) 1,368.00		N/S Ref FNL		E/W Dist (ft) 1,980.00		E/W Ref FEL	
Survey Data											
Date		MD (ft)		Incl (°)		Azim (°)		Method		Survey Company	
5/1/2012		130.00		0.50				Inc-WL		Mo Te Drilling Inc	
5/1/2012		239.00		1.00				Inc-WL		Mo Te Drilling Inc	
5/22/2012		268.00		0.70		197.55		IncAzi-MWD		Scientific Drilling	
5/22/2012		329.00		1.29		225.40		IncAzi-MWD		Scientific Drilling	
5/22/2012		390.00		2.88		229.27		IncAzi-MWD		Scientific Drilling	
5/22/2012		451.00		4.24		226.79		IncAzi-MWD		Scientific Drilling	
5/22/2012		512.00		5.58		237.61		IncAzi-MWD		Scientific Drilling	
5/22/2012		573.00		6.44		238.07		IncAzi-MWD		Scientific Drilling	
5/22/2012		634.00		6.47		237.07		IncAzi-MWD		Scientific Drilling	
5/22/2012		695.00		6.12		236.16		IncAzi-MWD		Scientific Drilling	
5/23/2012		756.00		6.35		234.88		IncAzi-MWD		Scientific Drilling	
5/23/2012		817.00		5.55		231.44		IncAzi-MWD		Scientific Drilling	
5/23/2012		884.00		4.40		228.45		IncAzi-MWD		Scientific Drilling	
5/23/2012		948.00		2.81		237.45		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,012.00		0.98		253.08		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,077.00		1.07		266.68		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,141.00		1.30		267.33		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,205.00		1.44		273.79		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,270.00		1.35		241.00		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,334.00		1.49		243.49		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,399.00		1.62		249.18		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,463.00		1.27		229.31		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,527.00		1.53		223.75		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,592.00		1.48		217.41		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,656.00		0.95		202.16		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,721.00		0.20		211.99		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,786.00		0.42		10.01		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,850.00		0.30		9.96		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,914.00		0.20		47.41		IncAzi-MWD		Scientific Drilling	
5/23/2012		1,979.00		0.34		19.91		IncAzi-MWD		Scientific Drilling	
5/23/2012		2,044.00		0.07		202.67		IncAzi-MWD		Scientific Drilling	
5/23/2012		2,108.00		0.31		251.30		IncAzi-MWD		Scientific Drilling	
5/23/2012		2,173.00		0.26		268.86		IncAzi-MWD		Scientific Drilling	
5/23/2012		2,237.00		0.24		202.25		IncAzi-MWD		Scientific Drilling	
5/23/2012		2,302.00		0.30		187.32		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.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
5/23/2012	2,366.00	0.07	323.81	IncAzi-MWD	Scientific Drilling
5/23/2012	2,430.00	0.08	316.17	IncAzi-MWD	Scientific Drilling
5/23/2012	2,495.00	0.24	20.37	IncAzi-MWD	Scientific Drilling
5/23/2012	2,560.00	0.26	103.45	IncAzi-MWD	Scientific Drilling
5/23/2012	2,624.00	0.28	108.42	IncAzi-MWD	Scientific Drilling
5/23/2012	2,688.00	0.53	94.73	IncAzi-MWD	Scientific Drilling
5/23/2012	2,753.00	0.41	154.62	IncAzi-MWD	Scientific Drilling
5/23/2012	2,817.00	0.38	112.08	IncAzi-MWD	Scientific Drilling
5/23/2012	2,882.00	0.70	132.56	IncAzi-MWD	Scientific Drilling
5/23/2012	2,909.00	0.46	131.31	IncAzi-MWD	Scientific Drilling
5/23/2012	2,965.00	0.04	128.72	Projection	Scientific Drilling
6/5/2012	5,143.00	1.00		Inc-WL	Phoenix Services LLC

I, the undersigned, certify that I acting in my capacity as Dr. Myrthyn 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.

Subscribed and sworn to me this 6/28/12

Notary Public in and for San Juan County, New Mexico

My Commission expires 7/28/14

RCVD JUL 11 '12

OIL CONS. DIV.

DIST. 3

ConocoPhillips

ConocoPhillips

SJB (NM West)

SEC 29-T31N-R10W

Atlantic A 8C

OH

API # 3004535137

Design: OH

Standard Survey Report

31 May, 2012

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

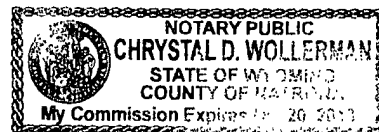
Notarized this date 31st of May, 2012.

Chrystal D. Wollerman

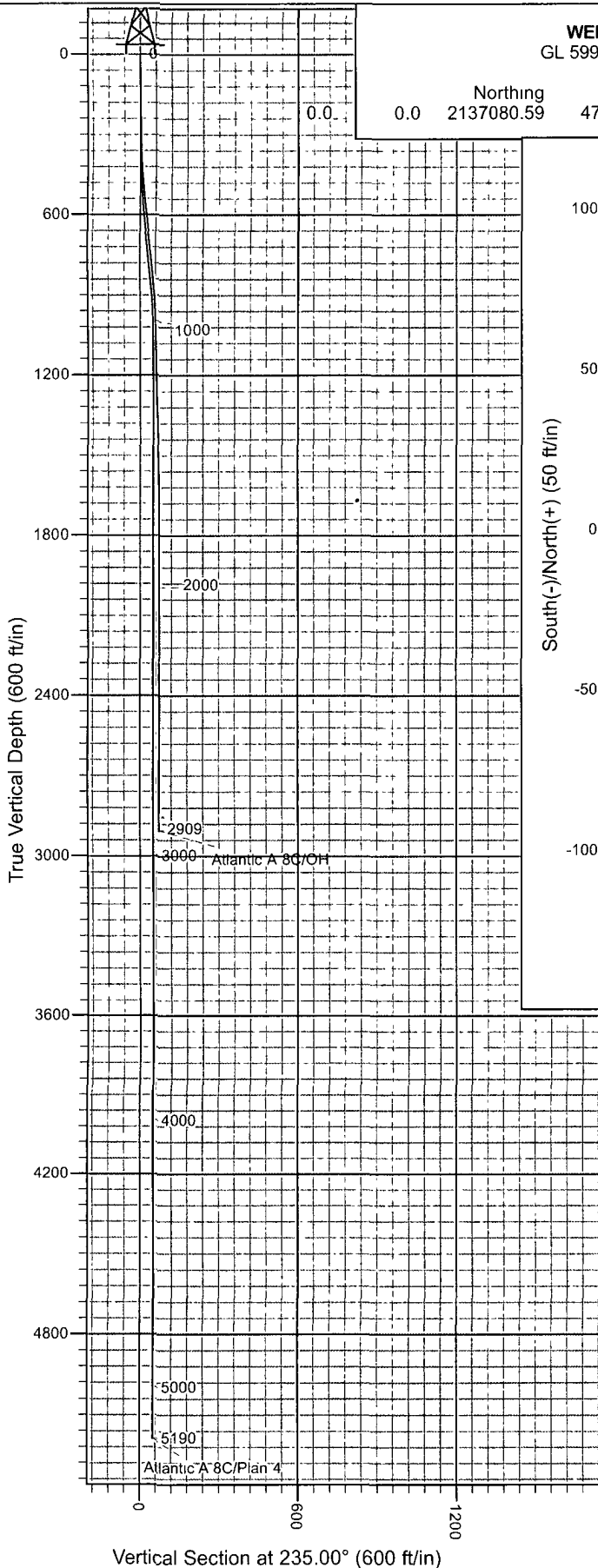
Notary Signature

County of Natrona

State of Wyoming

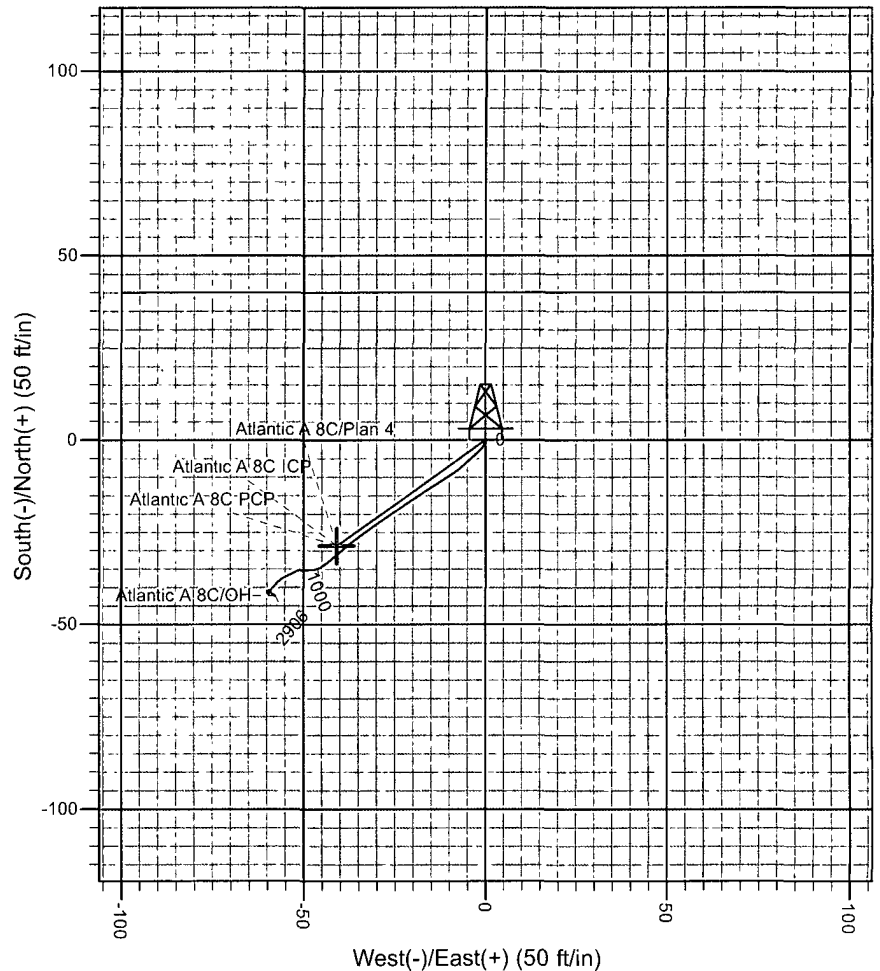
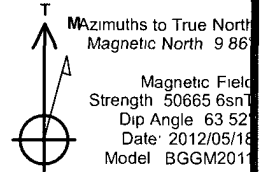


Scientific Drilling



WELL DETAILS: Atlantic A 8C
GL 5990' & KB 15' @ 6005.0ft (AWS 920)
Ground Level: 5990.0

Northing	Easting	Latitude	Longitude
0.0	2137080.59	479801.18	36° 52' 23.183 N
			107° 54' 8.601 W



REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Atlantic A 8C, True North
Vertical (TVD) Reference: GL 5990' & KB 15' @ 6005.0ft (AWS 920)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: GL 5990' & KB 15' @ 6005.0ft (AWS 920)
Calculation Method: Minimum Curvature

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
System Datum: Mean Sea Level

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Atlantic A 8C
Project:	SJB (NM West)	TVD Reference:	GL 5990' & KB 15' @ 6005 0ft (AWS 920)
Site:	SEC 29-T31N-R10W	MD Reference:	GL 5990' & KB 15' @ 6005 0ft (AWS 920)
Well:	Atlantic A 8C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003.21 Single User 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 29-T31N-R10W			
Site Position:		Northing:	2,136,481.61 ft	Latitude:	36° 52' 17.243 N
From:	Lat/Long	Easting:	477,568.98 ft	Longitude:	107° 54' 36.068 W
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0.05 °

Well:	Atlantic A 8C, 1368' FNL 1980' FEL					
Well Position	+N/-S	0.0 ft	Northing:	2,137,080.59 ft	Latitude:	36° 52' 23.183 N
	+E/-W	0.0 ft	Easting:	479,801.18 ft	Longitude:	107° 54' 8.601 W
Position Uncertainty		2.0 ft	Wellhead Elevation:	ft	Ground Level:	5,990.0 ft

Wellbore:	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2011	2012/05/18	9.86	63.52	50,666

Design:	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.0	0.0	0.0	235.00	

Survey Program	Date	2012/05/31			
From	To	Survey (Wellbore)	Tool Name	Description	
(ft)	(ft)				
268.0	2,909.0	Survey #1 (OH)	MWD SDI	MWD - Standard ver 1.0.1	

Survey										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate	
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
268.0	0.70	197.55	268.0	-1.6	-0.5	1.3	0.26	0.26	0.00	
First SDI MWD Survey										
329.0	1.29	225.40	329.0	-2.4	-1.1	2.3	1.22	0.97	45.66	
390.0	2.88	229.27	389.9	-3.9	-2.7	4.5	2.62	2.61	6.34	
451.0	4.24	226.79	450.8	-6.4	-5.6	8.2	2.24	2.23	-4.07	
512.0	5.58	237.61	511.6	-9.6	-9.7	13.4	2.66	2.20	17.74	
573.0	6.44	238.07	572.3	-13.0	-15.1	19.8	1.41	1.41	0.75	
634.0	6.47	237.07	632.9	-16.6	-20.9	26.7	0.19	0.05	-1.64	
695.0	6.12	236.16	693.5	-20.3	-26.5	33.3	0.60	-0.57	-1.49	
756.0	6.35	234.88	754.1	-24.1	-31.9	40.0	0.44	0.38	-2.10	
817.0	5.55	231.44	814.8	-27.8	-37.0	46.3	1.44	-1.31	-5.64	
884.0	4.40	228.45	881.6	-31.6	-41.5	52.1	1.76	-1.72	-4.46	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Atlantic A 8C
Project:	SJB (NM West)	TVD Reference:	GL 5990' & KB 15' @ 6005.0ft (AWS 920)
Site:	SEC 29-T31N-R10W	MD Reference:	GL 5990' & KB 15' @ 6005.0ft (AWS 920)
Well:	Atlantic A 8C	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)	Bulld Rate (°/100ft)	Turn Rate (°/100ft)
948.0	2.81	237.45	945.4	-34.0	-44.6	56.1	2.63	-2.48	14.06
1,012.0	0.98	253.08	1,009.4	-35.0	-46.5	58.2	2.95	-2.86	24.42
1,077.0	1.07	266.68	1,074.4	-35.2	-47.6	59.2	0.40	0.14	20.92
1,141.0	1.30	267.33	1,138.4	-35.3	-48.9	60.3	0.36	0.36	1.02
1,205.0	1.44	273.79	1,202.4	-35.3	-50.5	61.6	0.33	0.22	10.09
1,270.0	1.35	241.00	1,267.3	-35.6	-51.9	63.0	1.22	-0.14	-50.45
1,334.0	1.49	243.49	1,331.3	-36.3	-53.3	64.5	0.24	0.22	3.89
1,399.0	1.62	249.18	1,396.3	-37.0	-55.0	66.3	0.31	0.20	8.75
1,463.0	1.27	229.31	1,460.3	-37.8	-56.3	67.9	0.95	-0.55	-31.05
1,527.0	1.53	223.75	1,524.3	-38.9	-57.5	69.4	0.46	0.41	-8.69
1,592.0	1.48	217.41	1,589.2	-40.2	-58.6	71.0	0.27	-0.08	-9.75
1,656.0	0.95	202.16	1,653.2	-41.4	-59.3	72.3	0.96	-0.83	-23.83
1,721.0	0.20	211.99	1,718.2	-41.9	-59.5	72.8	1.16	-1.15	15.12
1,786.0	0.42	10.01	1,783.2	-41.8	-59.6	72.8	0.94	0.34	243.11
1,850.0	0.30	9.96	1,847.2	-41.4	-59.5	72.5	0.19	-0.19	-0.08
1,914.0	0.20	47.41	1,911.2	-41.2	-59.4	72.3	0.29	-0.16	58.52
1,979.0	0.34	19.91	1,976.2	-40.9	-59.2	72.0	0.29	0.22	-42.31
2,044.0	0.07	202.67	2,041.2	-40.8	-59.2	71.9	0.63	-0.42	-272.68
2,108.0	0.31	251.30	2,105.2	-40.9	-59.4	72.1	0.42	0.38	75.98
2,173.0	0.26	268.86	2,170.2	-40.9	-59.7	72.4	0.15	-0.08	27.02
2,237.0	0.24	202.25	2,234.2	-41.0	-59.9	72.6	0.43	-0.03	-104.08
2,302.0	0.30	187.32	2,299.2	-41.3	-59.9	72.8	0.14	0.09	-22.97
2,366.0	0.07	323.81	2,363.2	-41.5	-60.0	72.9	0.55	-0.36	213.27
2,430.0	0.08	316.17	2,427.2	-41.4	-60.0	72.9	0.02	0.02	-11.94
2,495.0	0.24	20.37	2,492.2	-41.3	-60.0	72.8	0.33	0.25	98.77
2,560.0	0.26	103.45	2,557.2	-41.2	-59.8	72.6	0.51	0.03	127.82
2,624.0	0.28	108.42	2,621.2	-41.2	-59.5	72.4	0.05	0.03	7.77
2,688.0	0.53	94.73	2,685.2	-41.3	-59.1	72.1	0.42	0.39	-21.39
2,753.0	0.41	154.62	2,750.2	-41.6	-58.7	71.9	0.74	-0.18	92.14
2,817.0	0.38	112.08	2,814.2	-41.8	-58.4	71.8	0.45	-0.05	-66.47
2,882.0	0.70	132.56	2,879.2	-42.2	-57.9	71.6	0.57	0.49	31.51
2,909.0	0.46	131.31	2,906.2	-42.4	-57.7	71.6	0.89	-0.89	-4.63

Last SDI MWD Survey

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
268.0	268.0	-1.6	-0.5	First SDI MWD Survey
2,909.0	2,906.2	-42.4	-57.7	Last SDI MWD Survey

Checked By: _____ Approved By: _____ Date: _____