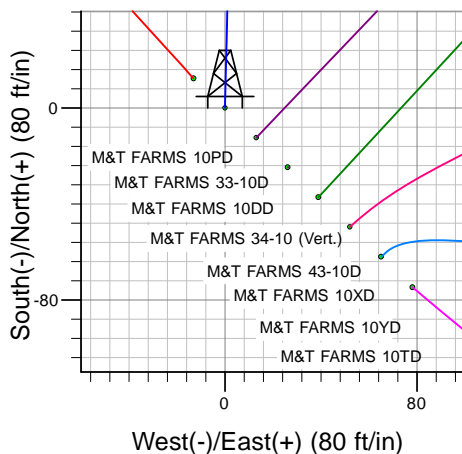
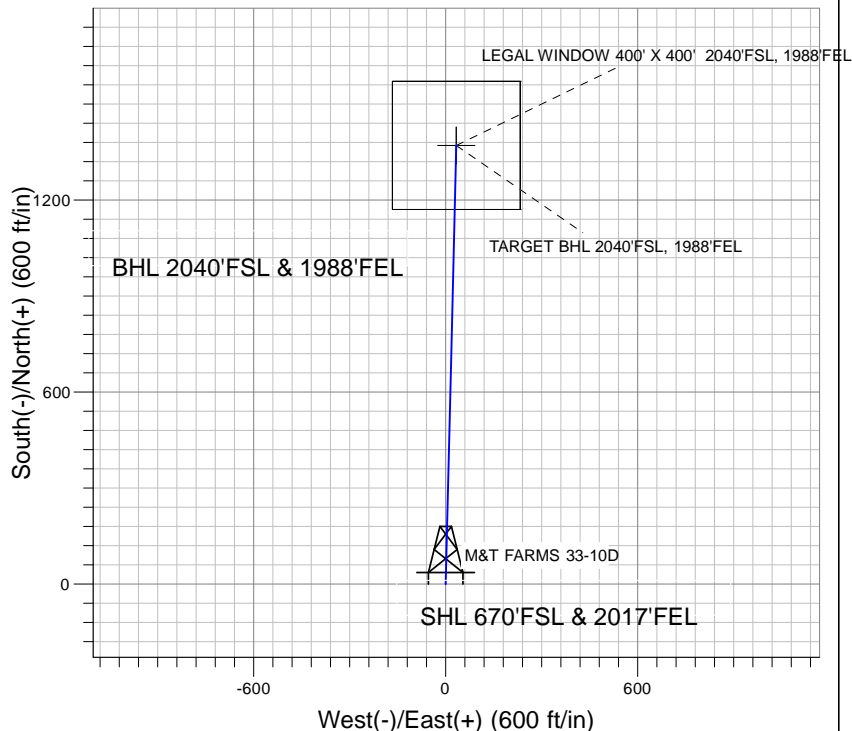
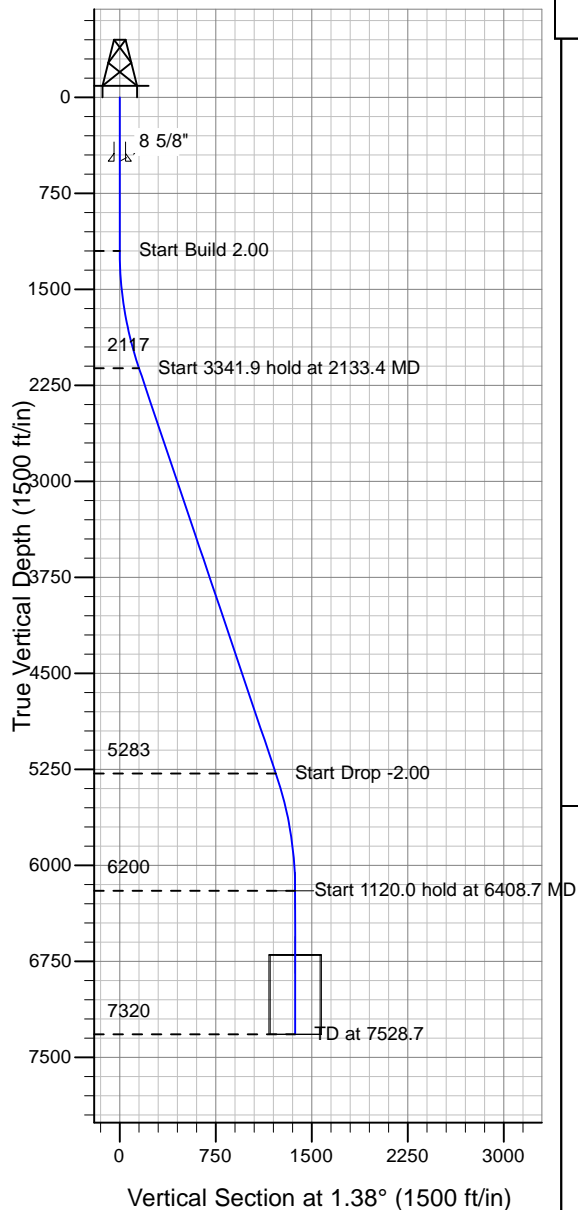


Well Name: M&T FARMS 33-10D

Surface Location: M&T PAD Sec.10-T6N-R65W
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
 Ground Elevation: 4747.0

+N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1424463.29 3237148.68 40° 29' 43.523 N 104° 38' 50.269 W
 Original Well Elev 33-10D @ 4760.0ft (Original Well Elev)

Synergy Resources



M&T PAD Sec.10-T6N-R65W
 M&T FARMS 33-10D
 Plan #1 (2-23-10)
 13:30, March 03 2010



Azimuths to True North
 Magnetic North: 8.97°
 Magnetic Field
 Strength: 53367.2snT
 Dip Angle: 67.21°
 Date: 12/31/2009
 Model: IGRF200510

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 2040'FSL, 1988'FEL	6200.0	1370.7	33.0	40° 29' 57.067 N	104° 38' 49.842 W	Point
LEGAL WINDOW 400' X 400' 2040'FSL, 1988'FEL	6700.0	1370.7	33.0	40° 29' 57.067 N	104° 38' 49.842 W	Rectangle (Sides: L400.0 W400.0)

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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	2133.4	18.67	1.38	2117.0	150.7	3.6	2.00	1.38	150.7	
4	5475.3	18.67	1.38	5283.0	1220.0	29.3	0.00	0.00	1220.4	
5	6408.7	0.00	0.00	6200.0	1370.7	33.0	2.00	180.00	1371.1	TARGET BHL 2040'FSL, 1988'FEL
6	7528.7	0.00	0.00	7320.0	1370.7	33.0	0.00	0.00	1371.1	



Synergy Resources

SEC.10-T6N-65W

M&T PAD Sec.10-T6N-R65W

M&T FARMS 33-10D

Wellbore #1

Plan: Plan #1 (2-23-10)

Standard Planning Report

03 March, 2010

Database:	EDM den0-adp01 Server Data	Local Co-ordinate Reference:	Well M&T FARMS 33-10D
Company:	Synergy Resources	TVD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Project:	SEC.10-T6N-65W	MD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Site:	M&T PAD Sec.10-T6N-R65W	North Reference:	True
Well:	M&T FARMS 33-10D	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (2-23-10)		

Project	SEC.10-T6N-65W, Weld County, Colorado		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site		M&T PAD Sec.10-T6N-R65W			
Site Position:		Northing:	1,426,500.00ft	Latitude:	40° 30' 3.710 N
From:	Lat/Long	Easting:	3,236,500.00ft	Longitude:	104° 38' 58.413 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.55 °

Well	M&T FARMS 33-10D, SHL LAT: 40.495423, LONG: -104.647297					
Well Position	+N-S	-2,042.9 ft	Northing:	1,424,463.29 ft	Latitude:	40° 29' 43.523 N
	+E-W	629.1 ft	Easting:	3,237,148.68 ft	Longitude:	104° 38' 50.269 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	4,760.0 ft	Ground Level:	4,747.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	8.97	67.21	53,367

Design	Plan #1 (2-23-10)			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	1.38

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,133.4	18.67	1.38	2,117.0	150.7	3.6	2.00	2.00	0.00	1.38	
5,475.3	18.67	1.38	5,283.0	1,220.0	29.3	0.00	0.00	0.00	0.00	
6,408.7	0.00	0.00	6,200.0	1,370.7	33.0	2.00	-2.00	0.00	180.00	TARGET BHL 204C
7,528.7	0.00	0.00	7,320.0	1,370.7	33.0	0.00	0.00	0.00	0.00	

Database:	EDM den0-adp01 Server Data	Local Co-ordinate Reference:	Well M&T FARMS 33-10D
Company:	Synergy Resources	TVD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Project:	SEC.10-T6N-65W	MD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Site:	M&T PAD Sec.10-T6N-R65W	North Reference:	True
Well:	M&T FARMS 33-10D	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (2-23-10)		

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
40.0	0.00	0.00	40.0	0.0	0.0	0.0	0.00	0.00	0.00
80.0	0.00	0.00	80.0	0.0	0.0	0.0	0.00	0.00	0.00
120.0	0.00	0.00	120.0	0.0	0.0	0.0	0.00	0.00	0.00
160.0	0.00	0.00	160.0	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
240.0	0.00	0.00	240.0	0.0	0.0	0.0	0.00	0.00	0.00
280.0	0.00	0.00	280.0	0.0	0.0	0.0	0.00	0.00	0.00
320.0	0.00	0.00	320.0	0.0	0.0	0.0	0.00	0.00	0.00
360.0	0.00	0.00	360.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
440.0	0.00	0.00	440.0	0.0	0.0	0.0	0.00	0.00	0.00
480.0	0.00	0.00	480.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
8 5/8"									
520.0	0.00	0.00	520.0	0.0	0.0	0.0	0.00	0.00	0.00
560.0	0.00	0.00	560.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
640.0	0.00	0.00	640.0	0.0	0.0	0.0	0.00	0.00	0.00
680.0	0.00	0.00	680.0	0.0	0.0	0.0	0.00	0.00	0.00
720.0	0.00	0.00	720.0	0.0	0.0	0.0	0.00	0.00	0.00
760.0	0.00	0.00	760.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
840.0	0.00	0.00	840.0	0.0	0.0	0.0	0.00	0.00	0.00
880.0	0.00	0.00	880.0	0.0	0.0	0.0	0.00	0.00	0.00
920.0	0.00	0.00	920.0	0.0	0.0	0.0	0.00	0.00	0.00
960.0	0.00	0.00	960.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,040.0	0.00	0.00	1,040.0	0.0	0.0	0.0	0.00	0.00	0.00
1,080.0	0.00	0.00	1,080.0	0.0	0.0	0.0	0.00	0.00	0.00
1,120.0	0.00	0.00	1,120.0	0.0	0.0	0.0	0.00	0.00	0.00
1,160.0	0.00	0.00	1,160.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,240.0	0.80	1.38	1,240.0	0.3	0.0	0.3	2.00	2.00	0.00
1,280.0	1.60	1.38	1,280.0	1.1	0.0	1.1	2.00	2.00	0.00
1,320.0	2.40	1.38	1,320.0	2.5	0.1	2.5	2.00	2.00	0.00
1,360.0	3.20	1.38	1,359.9	4.5	0.1	4.5	2.00	2.00	0.00
1,400.0	4.00	1.38	1,399.8	7.0	0.2	7.0	2.00	2.00	0.00
1,440.0	4.80	1.38	1,439.7	10.0	0.2	10.0	2.00	2.00	0.00
1,480.0	5.60	1.38	1,479.6	13.7	0.3	13.7	2.00	2.00	0.00
1,520.0	6.40	1.38	1,519.3	17.8	0.4	17.9	2.00	2.00	0.00
1,560.0	7.20	1.38	1,559.1	22.6	0.5	22.6	2.00	2.00	0.00
1,600.0	8.00	1.38	1,598.7	27.9	0.7	27.9	2.00	2.00	0.00
1,640.0	8.80	1.38	1,638.3	33.7	0.8	33.7	2.00	2.00	0.00
1,680.0	9.60	1.38	1,677.8	40.1	1.0	40.1	2.00	2.00	0.00
1,720.0	10.40	1.38	1,717.1	47.1	1.1	47.1	2.00	2.00	0.00
1,760.0	11.20	1.38	1,756.4	54.5	1.3	54.6	2.00	2.00	0.00
1,800.0	12.00	1.38	1,795.6	62.6	1.5	62.6	2.00	2.00	0.00
1,840.0	12.80	1.38	1,834.7	71.2	1.7	71.2	2.00	2.00	0.00
1,880.0	13.60	1.38	1,873.6	80.3	1.9	80.3	2.00	2.00	0.00
1,920.0	14.40	1.38	1,912.4	90.0	2.2	90.0	2.00	2.00	0.00
1,960.0	15.20	1.38	1,951.1	100.2	2.4	100.2	2.00	2.00	0.00
2,000.0	16.00	1.38	1,989.6	110.9	2.7	111.0	2.00	2.00	0.00
2,040.0	16.80	1.38	2,028.0	122.2	2.9	122.3	2.00	2.00	0.00

Database:	EDM den0-adp01 Server Data	Local Co-ordinate Reference:	Well M&T FARMS 33-10D
Company:	Synergy Resources	TVD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Project:	SEC.10-T6N-65W	MD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Site:	M&T PAD Sec.10-T6N-R65W	North Reference:	True
Well:	M&T FARMS 33-10D	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (2-23-10)		

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)
2,080.0	17.60	1.38	2,066.2	134.1	3.2	134.1	2.00	2.00	0.00
2,120.0	18.40	1.38	2,104.3	146.4	3.5	146.5	2.00	2.00	0.00
2,133.4	18.67	1.38	2,117.0	150.7	3.6	150.7	2.00	2.00	0.00
2,160.0	18.67	1.38	2,142.2	159.2	3.8	159.2	0.00	0.00	0.00
2,200.0	18.67	1.38	2,180.1	172.0	4.1	172.0	0.00	0.00	0.00
2,240.0	18.67	1.38	2,218.0	184.8	4.4	184.8	0.00	0.00	0.00
2,280.0	18.67	1.38	2,255.9	197.6	4.8	197.6	0.00	0.00	0.00
2,320.0	18.67	1.38	2,293.8	210.4	5.1	210.4	0.00	0.00	0.00
2,360.0	18.67	1.38	2,331.7	223.2	5.4	223.2	0.00	0.00	0.00
2,400.0	18.67	1.38	2,369.5	236.0	5.7	236.1	0.00	0.00	0.00
2,440.0	18.67	1.38	2,407.4	248.8	6.0	248.9	0.00	0.00	0.00
2,480.0	18.67	1.38	2,445.3	261.6	6.3	261.7	0.00	0.00	0.00
2,520.0	18.67	1.38	2,483.2	274.4	6.6	274.5	0.00	0.00	0.00
2,560.0	18.67	1.38	2,521.1	287.2	6.9	287.3	0.00	0.00	0.00
2,600.0	18.67	1.38	2,559.0	300.0	7.2	300.1	0.00	0.00	0.00
2,640.0	18.67	1.38	2,596.9	312.8	7.5	312.9	0.00	0.00	0.00
2,680.0	18.67	1.38	2,634.8	325.6	7.8	325.7	0.00	0.00	0.00
2,720.0	18.67	1.38	2,672.7	338.4	8.1	338.5	0.00	0.00	0.00
2,760.0	18.67	1.38	2,710.6	351.2	8.4	351.3	0.00	0.00	0.00
2,800.0	18.67	1.38	2,748.5	364.0	8.8	364.1	0.00	0.00	0.00
2,840.0	18.67	1.38	2,786.4	376.8	9.1	376.9	0.00	0.00	0.00
2,880.0	18.67	1.38	2,824.3	389.6	9.4	389.7	0.00	0.00	0.00
2,920.0	18.67	1.38	2,862.2	402.4	9.7	402.5	0.00	0.00	0.00
2,960.0	18.67	1.38	2,900.1	415.2	10.0	415.3	0.00	0.00	0.00
3,000.0	18.67	1.38	2,938.0	428.0	10.3	428.1	0.00	0.00	0.00
3,040.0	18.67	1.38	2,975.9	440.8	10.6	440.9	0.00	0.00	0.00
3,080.0	18.67	1.38	3,013.8	453.6	10.9	453.7	0.00	0.00	0.00
3,120.0	18.67	1.38	3,051.7	466.4	11.2	466.5	0.00	0.00	0.00
3,160.0	18.67	1.38	3,089.6	479.2	11.5	479.3	0.00	0.00	0.00
3,200.0	18.67	1.38	3,127.5	492.0	11.8	492.1	0.00	0.00	0.00
3,240.0	18.67	1.38	3,165.4	504.8	12.1	504.9	0.00	0.00	0.00
3,280.0	18.67	1.38	3,203.3	517.6	12.5	517.7	0.00	0.00	0.00
3,320.0	18.67	1.38	3,241.1	530.4	12.8	530.5	0.00	0.00	0.00
3,360.0	18.67	1.38	3,279.0	543.2	13.1	543.3	0.00	0.00	0.00
3,400.0	18.67	1.38	3,316.9	556.0	13.4	556.1	0.00	0.00	0.00
3,440.0	18.67	1.38	3,354.8	568.8	13.7	568.9	0.00	0.00	0.00
3,480.0	18.67	1.38	3,392.7	581.6	14.0	581.7	0.00	0.00	0.00
3,520.0	18.67	1.38	3,430.6	594.4	14.3	594.5	0.00	0.00	0.00
3,560.0	18.67	1.38	3,468.5	607.2	14.6	607.3	0.00	0.00	0.00
3,600.0	18.67	1.38	3,506.4	620.0	14.9	620.1	0.00	0.00	0.00
3,640.0	18.67	1.38	3,544.3	632.8	15.2	632.9	0.00	0.00	0.00
3,680.0	18.67	1.38	3,582.2	645.6	15.5	645.7	0.00	0.00	0.00
3,720.0	18.67	1.38	3,620.1	658.4	15.8	658.6	0.00	0.00	0.00
3,760.0	18.67	1.38	3,658.0	671.2	16.1	671.4	0.00	0.00	0.00
3,800.0	18.67	1.38	3,695.9	684.0	16.5	684.2	0.00	0.00	0.00
3,840.0	18.67	1.38	3,733.8	696.8	16.8	697.0	0.00	0.00	0.00
3,880.0	18.67	1.38	3,771.7	709.6	17.1	709.8	0.00	0.00	0.00
3,920.0	18.67	1.38	3,809.6	722.4	17.4	722.6	0.00	0.00	0.00
3,960.0	18.67	1.38	3,847.5	735.2	17.7	735.4	0.00	0.00	0.00
4,000.0	18.67	1.38	3,885.4	748.0	18.0	748.2	0.00	0.00	0.00
4,040.0	18.67	1.38	3,923.3	760.8	18.3	761.0	0.00	0.00	0.00
4,080.0	18.67	1.38	3,961.2	773.6	18.6	773.8	0.00	0.00	0.00
4,120.0	18.67	1.38	3,999.1	786.4	18.9	786.6	0.00	0.00	0.00
4,160.0	18.67	1.38	4,037.0	799.2	19.2	799.4	0.00	0.00	0.00

Database:	EDM den0-adp01 Server Data	Local Co-ordinate Reference:	Well M&T FARMS 33-10D
Company:	Synergy Resources	TVD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Project:	SEC.10-T6N-65W	MD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Site:	M&T PAD Sec.10-T6N-R65W	North Reference:	True
Well:	M&T FARMS 33-10D	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (2-23-10)		

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)
4,200.0	18.67	1.38	4,074.9	812.0	19.5	812.2	0.00	0.00	0.00
4,240.0	18.67	1.38	4,112.7	824.8	19.8	825.0	0.00	0.00	0.00
4,280.0	18.67	1.38	4,150.6	837.6	20.1	837.8	0.00	0.00	0.00
4,320.0	18.67	1.38	4,188.5	850.4	20.5	850.6	0.00	0.00	0.00
4,360.0	18.67	1.38	4,226.4	863.2	20.8	863.4	0.00	0.00	0.00
4,400.0	18.67	1.38	4,264.3	876.0	21.1	876.2	0.00	0.00	0.00
4,440.0	18.67	1.38	4,302.2	888.8	21.4	889.0	0.00	0.00	0.00
4,480.0	18.67	1.38	4,340.1	901.5	21.7	901.8	0.00	0.00	0.00
4,520.0	18.67	1.38	4,378.0	914.3	22.0	914.6	0.00	0.00	0.00
4,560.0	18.67	1.38	4,415.9	927.1	22.3	927.4	0.00	0.00	0.00
4,600.0	18.67	1.38	4,453.8	939.9	22.6	940.2	0.00	0.00	0.00
4,640.0	18.67	1.38	4,491.7	952.7	22.9	953.0	0.00	0.00	0.00
4,680.0	18.67	1.38	4,529.6	965.5	23.2	965.8	0.00	0.00	0.00
4,720.0	18.67	1.38	4,567.5	978.3	23.5	978.6	0.00	0.00	0.00
4,760.0	18.67	1.38	4,605.4	991.1	23.8	991.4	0.00	0.00	0.00
4,800.0	18.67	1.38	4,643.3	1,003.9	24.2	1,004.2	0.00	0.00	0.00
4,840.0	18.67	1.38	4,681.2	1,016.7	24.5	1,017.0	0.00	0.00	0.00
4,880.0	18.67	1.38	4,719.1	1,029.5	24.8	1,029.8	0.00	0.00	0.00
4,920.0	18.67	1.38	4,757.0	1,042.3	25.1	1,042.6	0.00	0.00	0.00
4,960.0	18.67	1.38	4,794.9	1,055.1	25.4	1,055.4	0.00	0.00	0.00
5,000.0	18.67	1.38	4,832.8	1,067.9	25.7	1,068.3	0.00	0.00	0.00
5,040.0	18.67	1.38	4,870.7	1,080.7	26.0	1,081.1	0.00	0.00	0.00
5,080.0	18.67	1.38	4,908.6	1,093.5	26.3	1,093.9	0.00	0.00	0.00
5,120.0	18.67	1.38	4,946.5	1,106.3	26.6	1,106.7	0.00	0.00	0.00
5,160.0	18.67	1.38	4,984.3	1,119.1	26.9	1,119.5	0.00	0.00	0.00
5,200.0	18.67	1.38	5,022.2	1,131.9	27.2	1,132.3	0.00	0.00	0.00
5,240.0	18.67	1.38	5,060.1	1,144.7	27.5	1,145.1	0.00	0.00	0.00
5,280.0	18.67	1.38	5,098.0	1,157.5	27.8	1,157.9	0.00	0.00	0.00
5,320.0	18.67	1.38	5,135.9	1,170.3	28.2	1,170.7	0.00	0.00	0.00
5,360.0	18.67	1.38	5,173.8	1,183.1	28.5	1,183.5	0.00	0.00	0.00
5,400.0	18.67	1.38	5,211.7	1,195.9	28.8	1,196.3	0.00	0.00	0.00
5,440.0	18.67	1.38	5,249.6	1,208.7	29.1	1,209.1	0.00	0.00	0.00
5,475.3	18.67	1.38	5,283.0	1,220.0	29.3	1,220.4	0.00	0.00	0.00
5,480.0	18.57	1.38	5,287.5	1,221.5	29.4	1,221.9	2.00	-2.00	0.00
5,520.0	17.77	1.38	5,325.5	1,234.0	29.7	1,234.4	2.00	-2.00	0.00
5,560.0	16.97	1.38	5,363.7	1,245.9	30.0	1,246.3	2.00	-2.00	0.00
5,600.0	16.17	1.38	5,402.0	1,257.3	30.2	1,257.7	2.00	-2.00	0.00
5,640.0	15.37	1.38	5,440.5	1,268.2	30.5	1,268.6	2.00	-2.00	0.00
5,680.0	14.57	1.38	5,479.2	1,278.6	30.8	1,278.9	2.00	-2.00	0.00
5,720.0	13.77	1.38	5,517.9	1,288.3	31.0	1,288.7	2.00	-2.00	0.00
5,760.0	12.97	1.38	5,556.9	1,297.6	31.2	1,298.0	2.00	-2.00	0.00
5,800.0	12.17	1.38	5,595.9	1,306.3	31.4	1,306.7	2.00	-2.00	0.00
5,840.0	11.37	1.38	5,635.1	1,314.5	31.6	1,314.8	2.00	-2.00	0.00
5,880.0	10.57	1.38	5,674.3	1,322.1	31.8	1,322.4	2.00	-2.00	0.00
5,920.0	9.77	1.38	5,713.7	1,329.1	32.0	1,329.5	2.00	-2.00	0.00
5,960.0	8.97	1.38	5,753.2	1,335.6	32.1	1,336.0	2.00	-2.00	0.00
6,000.0	8.17	1.38	5,792.7	1,341.6	32.3	1,342.0	2.00	-2.00	0.00
6,040.0	7.37	1.38	5,832.4	1,347.0	32.4	1,347.4	2.00	-2.00	0.00
6,080.0	6.57	1.38	5,872.1	1,351.9	32.5	1,352.3	2.00	-2.00	0.00
6,120.0	5.77	1.38	5,911.8	1,356.2	32.6	1,356.6	2.00	-2.00	0.00
6,160.0	4.97	1.38	5,951.6	1,359.9	32.7	1,360.3	2.00	-2.00	0.00
6,200.0	4.17	1.38	5,991.5	1,363.1	32.8	1,363.5	2.00	-2.00	0.00
6,240.0	3.37	1.38	6,031.4	1,365.7	32.9	1,366.1	2.00	-2.00	0.00
6,280.0	2.57	1.38	6,071.4	1,367.8	32.9	1,368.2	2.00	-2.00	0.00

Database:	EDM den0-adp01 Server Data	Local Co-ordinate Reference:	Well M&T FARMS 33-10D
Company:	Synergy Resources	TVD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Project:	SEC.10-T6N-65W	MD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Site:	M&T PAD Sec.10-T6N-R65W	North Reference:	True
Well:	M&T FARMS 33-10D	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (2-23-10)		

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)
6,320.0	1.77	1.38	6,111.4	1,369.3	32.9	1,369.7	2.00	-2.00	0.00
6,360.0	0.97	1.38	6,151.3	1,370.3	33.0	1,370.7	2.00	-2.00	0.00
6,400.0	0.17	1.38	6,191.3	1,370.7	33.0	1,371.1	2.00	-2.00	0.00
6,408.7	0.00	0.00	6,200.0	1,370.7	33.0	1,371.1	2.00	-2.00	-15.90
TARGET BHL 2040'FSL, 1988'FEL									
6,440.0	0.00	0.00	6,231.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,480.0	0.00	0.00	6,271.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,520.0	0.00	0.00	6,311.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,560.0	0.00	0.00	6,351.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,600.0	0.00	0.00	6,391.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,640.0	0.00	0.00	6,431.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,680.0	0.00	0.00	6,471.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,720.0	0.00	0.00	6,511.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,760.0	0.00	0.00	6,551.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,800.0	0.00	0.00	6,591.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,840.0	0.00	0.00	6,631.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,880.0	0.00	0.00	6,671.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,908.7	0.00	0.00	6,700.0	1,370.7	33.0	1,371.1	0.00	0.00	0.00
LEGAL WINDOW 400' X 400' 2040'FSL, 1988'FEL									
6,920.0	0.00	0.00	6,711.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
6,960.0	0.00	0.00	6,751.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,000.0	0.00	0.00	6,791.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,040.0	0.00	0.00	6,831.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,080.0	0.00	0.00	6,871.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,120.0	0.00	0.00	6,911.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,160.0	0.00	0.00	6,951.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,200.0	0.00	0.00	6,991.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,240.0	0.00	0.00	7,031.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,280.0	0.00	0.00	7,071.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,320.0	0.00	0.00	7,111.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,360.0	0.00	0.00	7,151.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,400.0	0.00	0.00	7,191.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,440.0	0.00	0.00	7,231.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,480.0	0.00	0.00	7,271.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,520.0	0.00	0.00	7,311.3	1,370.7	33.0	1,371.1	0.00	0.00	0.00
7,528.7	0.00	0.00	7,320.0	1,370.7	33.0	1,371.1	0.00	0.00	0.00

Targets

Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
LEGAL WINDOW 40C	0.00	0.00	6,700.0	1,370.7	33.0	1,425,834.19	3,237,168.47	40° 29' 57.067 N	104° 38' 49.842 W
- plan hits target center									
- Rectangle (sides W400.0 H400.0 D620.0)									
TARGET BHL 2040'F:	0.00	0.00	6,200.0	1,370.7	33.0	1,425,834.19	3,237,168.47	40° 29' 57.067 N	104° 38' 49.842 W
- plan hits target center									
- Point									

Database:	EDM den0-adp01 Server Data	Local Co-ordinate Reference:	Well M&T FARMS 33-10D
Company:	Synergy Resources	TVD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Project:	SEC.10-T6N-65W	MD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Site:	M&T PAD Sec.10-T6N-R65W	North Reference:	True
Well:	M&T FARMS 33-10D	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (2-23-10)		

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
500.0	500.0	8 5/8"	8-5/8	12-1/4	



Synergy Resources

SEC.10-T6N-65W

M&T PAD Sec.10-T6N-R65W

M&T FARMS 33-10D

Wellbore #1

Plan #1 (2-23-10)

Anticollision Report

03 March, 2010

Company:	Synergy Resources	Local Co-ordinate Reference:	Well M&T FARMS 33-10D
Project:	SEC.10-T6N-65W	TVD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Reference Site:	M&T PAD Sec.10-T6N-R65W	MD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	M&T FARMS 33-10D	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM den0-adp01 Server Data
Reference Design:	Plan #1 (2-23-10)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (2-23-10)		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0ft	Error Model:	ISCSWA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 2,000.0ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program		Date	3/3/2010		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.0	7,528.7	Plan #1 (2-23-10) (Wellbore #1)	MWD	MWD - Standard	

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
M&T PAD Sec.10-T6N-R65W						
M&T FARMS 10DD - Wellbore #1 - Plan #1 (2-23-10)	648.9	648.9	18.0	15.3	6.762	CC
M&T FARMS 10DD - Wellbore #1 - Plan #1 (2-23-10)	800.0	799.9	18.4	15.1	5.532	ES, SF
M&T FARMS 10PD - Wellbore #1 - Plan #1 (2-23-10)	800.0	800.0	18.0	14.7	5.387	CC, ES
M&T FARMS 10PD - Wellbore #1 - Plan #1 (2-23-10)	900.0	899.3	19.7	15.9	5.211	SF

M&T PAD Sec.10-T6N-R65W - M&T FARMS 10DD - Wellbore #1 - Plan #1 (2-23-10)													Offset Site Error:		0.0 ft
Survey Program: 0-MWDD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
							+N/-S (ft)	+E/-W (ft)							
0.0	0.0	0.0	0.0	0.0	0.0	133.46	-12.4	13.1	18.0						
100.0	100.0	100.0	100.0	0.1	0.1	133.46	-12.4	13.1	18.0	17.8	0.20	92.094			
200.0	200.0	200.0	200.0	0.3	0.3	133.46	-12.4	13.1	18.0	17.4	0.65	27.917			
300.0	300.0	300.0	300.0	0.5	0.5	133.46	-12.4	13.1	18.0	16.9	1.09	16.452			
400.0	400.0	400.0	400.0	0.8	0.8	133.46	-12.4	13.1	18.0	16.5	1.54	11.663			
500.0	500.0	500.0	500.0	1.0	1.0	133.46	-12.4	13.1	18.0	16.0	1.99	9.033			
600.0	600.0	600.0	600.0	1.2	1.2	133.46	-12.4	13.1	18.0	15.6	2.44	7.371			
648.9	648.9	648.9	648.9	1.3	1.3	133.46	-12.4	13.1	18.0	15.3	2.66	6.762 CC			
700.0	700.0	700.0	700.0	1.4	1.4	132.07	-12.1	13.4	18.0	15.1	2.89	6.232			
800.0	800.0	799.9	799.8	1.7	1.7	121.19	-9.6	15.8	18.4	15.1	3.33	5.532 ES, SF			
900.0	900.0	899.4	899.0	1.9	1.9	102.44	-4.5	20.6	21.1	17.3	3.78	5.571			
1,000.0	1,000.0	998.3	997.4	2.1	2.1	83.98	2.9	27.7	27.9	23.7	4.24	6.591			
1,100.0	1,100.0	1,096.3	1,094.5	2.3	2.4	71.02	12.7	37.0	39.5	34.8	4.70	8.416			
1,200.0	1,200.0	1,193.4	1,190.1	2.6	2.7	62.92	24.8	48.5	55.4	50.2	5.16	10.742			
1,300.0	1,300.0	1,289.4	1,284.1	2.8	3.0	57.26	39.1	62.1	74.1	68.5	5.61	13.203			
1,400.0	1,399.8	1,385.0	1,377.0	3.0	3.4	55.85	55.5	77.8	94.3	88.2	6.08	15.511			
1,500.0	1,499.5	1,483.1	1,472.0	3.3	3.8	56.14	73.2	94.6	113.8	107.2	6.56	17.351			
1,600.0	1,598.7	1,581.5	1,567.2	3.5	4.3	57.57	91.0	111.6	131.4	124.4	7.06	18.617			
1,700.0	1,697.5	1,680.0	1,662.6	3.7	4.8	59.79	108.8	128.5	147.4	139.8	7.60	19.398			
1,800.0	1,795.6	1,778.6	1,758.1	4.0	5.2	62.62	126.6	145.5	162.0	153.8	8.20	19.760			
1,900.0	1,893.1	1,877.1	1,853.5	4.4	5.7	65.99	144.3	162.5	175.5	166.7	8.87	19.784			
2,000.0	1,989.6	1,975.4	1,948.7	4.8	6.2	69.80	162.1	179.4	188.5	178.8	9.64	19.542			
2,100.0	2,085.3	2,073.4	2,043.6	5.2	6.7	74.01	179.8	196.3	201.3	190.7	10.53	19.117			

Company:	Synergy Resources	Local Co-ordinate Reference:	Well M&T FARMS 33-10D
Project:	SEC.10-T6N-65W	TVD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Reference Site:	M&T PAD Sec.10-T6N-R65W	MD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	M&T FARMS 33-10D	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM den0-adp01 Server Data
Reference Design:	Plan #1 (2-23-10)	Offset TVD Reference:	Offset Datum

M&T PAD Sec.10-T6N-R65W - M&T FARMS 10DD - Wellbore #1 - Plan #1 (2-23-10)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
2,200.0	2,180.1	2,171.1	2,138.2	5.7	7.2	78.52	197.4	213.1	214.6	203.1	11.52	18.628		
2,300.0	2,274.8	2,268.7	2,232.7	6.2	7.7	82.62	215.1	229.9	229.1	216.6	12.56	18.241		
2,400.0	2,369.5	2,366.4	2,327.3	6.7	8.2	86.22	232.7	246.7	244.7	231.1	13.63	17.952		
2,500.0	2,464.3	2,464.0	2,421.9	7.3	8.7	89.39	250.4	263.5	261.1	246.4	14.72	17.744		
2,600.0	2,559.0	2,561.7	2,516.4	7.9	9.2	92.18	268.0	280.3	278.2	262.4	15.81	17.601		
2,700.0	2,653.8	2,659.3	2,611.0	8.4	9.7	94.65	285.6	297.1	295.9	279.0	16.90	17.507		
2,800.0	2,748.5	2,757.0	2,705.6	9.0	10.1	96.85	303.3	313.9	314.1	296.1	18.00	17.452		
2,900.0	2,843.2	2,854.7	2,800.1	9.6	10.7	98.80	320.9	330.7	332.7	313.6	19.09	17.426		
3,000.0	2,938.0	2,952.3	2,894.7	10.2	11.2	100.55	338.5	347.6	351.6	331.4	20.18	17.423		
3,100.0	3,032.7	3,050.0	2,989.3	10.8	11.7	102.11	356.2	364.4	370.8	349.5	21.27	17.436		
3,200.0	3,127.5	3,147.6	3,083.8	11.4	12.2	103.53	373.8	381.2	390.2	367.9	22.35	17.461		
3,300.0	3,222.2	3,245.3	3,178.4	12.0	12.7	104.81	391.5	398.0	409.9	386.4	23.43	17.496		
3,400.0	3,316.9	3,342.9	3,273.0	12.6	13.2	105.97	409.1	414.8	429.7	405.2	24.50	17.537		
3,500.0	3,411.7	3,440.6	3,367.5	13.2	13.7	107.04	426.7	431.6	449.7	424.1	25.57	17.583		
3,600.0	3,506.4	3,538.2	3,462.1	13.9	14.2	108.01	444.4	448.4	469.8	443.2	26.64	17.633		
3,700.0	3,601.2	3,635.9	3,556.7	14.5	14.7	108.90	462.0	465.2	490.1	462.3	27.71	17.685		
3,800.0	3,695.9	3,733.5	3,651.2	15.1	15.2	109.72	479.6	482.0	510.4	481.6	28.77	17.738		
3,900.0	3,790.6	3,831.2	3,745.8	15.7	15.7	110.48	497.3	498.8	530.8	501.0	29.84	17.792		
4,000.0	3,885.4	3,928.9	3,840.4	16.3	16.2	111.18	514.9	515.7	551.4	520.5	30.90	17.846		
4,100.0	3,980.1	4,026.5	3,934.9	17.0	16.7	111.83	532.6	532.5	572.0	540.0	31.95	17.900		
4,200.0	4,074.9	4,124.2	4,029.5	17.6	17.2	112.44	550.2	549.3	592.6	559.6	33.01	17.954		
4,300.0	4,169.6	4,221.8	4,124.1	18.2	17.7	113.01	567.8	566.1	613.4	579.3	34.06	18.006		
4,400.0	4,264.3	4,319.5	4,218.6	18.8	18.2	113.54	585.5	582.9	634.1	599.0	35.12	18.058		
4,500.0	4,359.1	4,417.1	4,313.2	19.5	18.7	114.03	603.1	599.7	655.0	618.8	36.17	18.109		
4,600.0	4,453.8	4,514.8	4,407.8	20.1	19.2	114.50	620.7	616.5	675.8	638.6	37.22	18.158		
4,700.0	4,548.5	4,613.7	4,503.5	20.7	19.7	114.95	638.6	633.5	696.7	658.5	38.25	18.213		
4,800.0	4,643.3	4,718.0	4,605.2	21.3	20.1	115.59	655.6	649.7	717.0	677.9	39.19	18.297		
4,900.0	4,738.0	4,822.1	4,707.4	22.0	20.5	116.48	669.9	663.4	736.6	696.5	40.06	18.386		
5,000.0	4,832.8	4,925.7	4,809.7	22.6	20.8	117.60	681.4	674.4	755.5	714.6	40.87	18.486		
5,100.0	4,927.5	5,028.4	4,911.7	23.2	21.0	118.92	690.3	682.8	773.8	732.3	41.59	18.606		
5,200.0	5,022.2	5,130.1	5,013.0	23.9	21.2	120.43	696.4	688.6	792.0	749.7	42.23	18.752		
5,300.0	5,117.0	5,230.5	5,113.3	24.5	21.4	122.09	699.8	691.9	810.0	767.3	42.79	18.932		
5,400.0	5,211.7	5,328.9	5,211.7	25.1	21.5	123.89	700.8	692.8	828.3	785.1	43.25	19.152		
5,500.0	5,306.5	5,423.7	5,306.5	25.7	21.6	125.69	700.8	692.8	847.2	803.5	43.67	19.401		
5,600.0	5,402.0	5,519.2	5,402.0	26.2	21.7	127.53	700.8	692.8	865.3	821.3	44.00	19.668		
5,700.0	5,498.5	5,615.7	5,498.5	26.6	21.8	129.11	700.8	692.8	881.9	837.6	44.30	19.907		
5,800.0	5,595.9	5,713.1	5,595.9	27.0	21.9	130.45	700.8	692.8	896.7	852.1	44.58	20.113		
5,900.0	5,694.0	5,811.2	5,694.0	27.3	22.1	131.57	700.8	692.8	909.6	864.7	44.85	20.280		
6,000.0	5,792.7	5,909.9	5,792.7	27.6	22.2	132.46	700.8	692.8	920.3	875.2	45.10	20.407		
6,100.0	5,891.9	6,009.1	5,891.9	27.9	22.3	133.15	700.8	692.8	928.8	883.5	45.33	20.489		
6,200.0	5,991.5	6,108.7	5,991.5	28.1	22.4	133.65	700.8	692.8	935.0	889.5	45.55	20.526		
6,300.0	6,091.4	6,208.5	6,091.4	28.2	22.6	133.95	700.8	692.8	938.9	893.1	45.76	20.516		
6,400.0	6,191.3	6,308.5	6,191.3	28.4	22.7	134.06	700.8	692.8	940.3	894.3	45.96	20.460		
6,500.0	6,291.3	6,408.5	6,291.3	28.5	22.8	135.43	700.8	692.8	940.3	894.1	46.20	20.353		
6,600.0	6,391.3	6,508.5	6,391.3	28.6	22.9	135.43	700.8	692.8	940.3	893.8	46.45	20.241		
6,700.0	6,491.3	6,608.5	6,491.3	28.7	23.1	135.43	700.8	692.8	940.3	893.6	46.71	20.130		
6,800.0	6,591.3	6,708.5	6,591.3	28.8	23.2	135.43	700.8	692.8	940.3	893.3	46.97	20.018		
6,900.0	6,691.3	6,808.5	6,691.3	28.9	23.3	135.43	700.8	692.8	940.3	893.1	47.24	19.907		
7,000.0	6,791.3	6,908.5	6,791.3	29.0	23.5	135.43	700.8	692.8	940.3	892.8	47.50	19.795		
7,100.0	6,891.3	7,008.5	6,891.3	29.1	23.6	135.43	700.8	692.8	940.3	892.5	47.77	19.684		
7,200.0	6,991.3	7,108.5	6,991.3	29.2	23.8	135.43	700.8	692.8	940.3	892.3	48.04	19.572		
7,300.0	7,091.3	7,208.5	7,091.3	29.3	23.9	135.43	700.8	692.8	940.3	892.0	48.32	19.461		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well M&T FARMS 33-10D
Project:	SEC.10-T6N-65W	TVD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Reference Site:	M&T PAD Sec.10-T6N-R65W	MD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	M&T FARMS 33-10D	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM den0-adp01 Server Data
Reference Design:	Plan #1 (2-23-10)	Offset TVD Reference:	Offset Datum

Offset Design M&T PAD Sec.10-T6N-R65W - M&T FARMS 10DD - Wellbore #1 - Plan #1 (2-23-10)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
7,400.0	7,191.3	7,308.5	7,191.3	29.4	24.0	135.43	700.8	692.8	940.3	891.7	48.59	19.350	
7,500.0	7,291.3	7,408.5	7,291.3	29.5	24.2	135.43	700.8	692.8	940.3	891.4	48.87	19.240	
7,528.7	7,320.0	7,437.2	7,320.0	29.6	24.2	135.43	700.8	692.8	940.3	891.3	48.95	19.208	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well M&T FARMS 33-10D
Project:	SEC.10-T6N-65W	TVD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Reference Site:	M&T PAD Sec.10-T6N-R65W	MD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	M&T FARMS 33-10D	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM den0-adp01 Server Data
Reference Design:	Plan #1 (2-23-10)	Offset TVD Reference:	Offset Datum

M&T PAD Sec.10-T6N-R65W - M&T FARMS 10PD - Wellbore #1 - Plan #1 (2-23-10)												Offset Site Error:	0.0 ft	
Survey Program: 0-MWD												Offset Well Error:	0.0 ft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-46.55	12.4	-13.1	18.0					
100.0	100.0	100.0	100.0	0.1	0.1	-46.55	12.4	-13.1	18.0	17.8	0.20	92.080		
200.0	200.0	200.0	200.0	0.3	0.3	-46.55	12.4	-13.1	18.0	17.4	0.65	27.913		
300.0	300.0	300.0	300.0	0.5	0.5	-46.55	12.4	-13.1	18.0	16.9	1.09	16.450		
400.0	400.0	400.0	400.0	0.8	0.8	-46.55	12.4	-13.1	18.0	16.5	1.54	11.661		
500.0	500.0	500.0	500.0	1.0	1.0	-46.55	12.4	-13.1	18.0	16.0	1.99	9.031		
600.0	600.0	600.0	600.0	1.2	1.2	-46.55	12.4	-13.1	18.0	15.6	2.44	7.370		
700.0	700.0	700.0	700.0	1.4	1.4	-46.55	12.4	-13.1	18.0	15.1	2.89	6.225		
800.0	800.0	800.0	800.0	1.7	1.7	-46.55	12.4	-13.1	18.0	14.7	3.34	5.387 CC, ES		
900.0	900.0	899.3	899.3	1.9	1.9	-46.17	13.7	-14.2	19.7	15.9	3.79	5.211 SF		
1,000.0	1,000.0	998.4	998.3	2.1	2.1	-45.35	17.5	-17.7	24.9	20.7	4.23	5.887		
1,100.0	1,100.0	1,097.1	1,096.5	2.3	2.3	-44.55	23.8	-23.4	33.5	28.9	4.68	7.167		
1,200.0	1,200.0	1,195.0	1,193.7	2.6	2.6	-43.93	32.5	-31.3	45.6	40.5	5.13	8.885		
1,300.0	1,300.0	1,292.2	1,289.8	2.8	2.9	-45.85	43.6	-41.4	59.8	54.2	5.58	10.721		
1,400.0	1,399.8	1,388.7	1,384.6	3.0	3.2	-47.86	57.0	-53.6	75.0	69.0	6.03	12.448		
1,500.0	1,499.5	1,485.8	1,479.4	3.3	3.5	-50.57	72.7	-67.7	91.1	84.6	6.48	14.047		
1,600.0	1,598.7	1,584.5	1,575.6	3.5	3.9	-53.90	89.0	-82.5	105.8	98.8	6.96	15.203		
1,700.0	1,697.5	1,683.3	1,671.9	3.7	4.3	-57.77	105.3	-97.3	118.9	111.4	7.47	15.925		
1,800.0	1,795.6	1,782.1	1,768.2	4.0	4.7	-62.17	121.6	-112.1	130.9	122.9	8.03	16.295		
1,900.0	1,893.1	1,880.7	1,864.3	4.4	5.2	-67.04	137.8	-126.8	142.2	133.5	8.68	16.380		
2,000.0	1,989.6	1,979.1	1,960.2	4.8	5.6	-72.35	154.1	-141.5	153.4	143.9	9.43	16.263		
2,100.0	2,085.3	2,077.0	2,055.7	5.2	6.0	-78.00	170.2	-156.2	165.0	154.8	10.30	16.031		
2,200.0	2,180.1	2,174.6	2,150.8	5.7	6.5	-83.83	186.3	-170.8	177.9	166.7	11.26	15.801		
2,300.0	2,274.8	2,272.1	2,245.9	6.2	6.9	-88.97	202.4	-185.4	192.5	180.2	12.27	15.691		
2,400.0	2,369.5	2,369.6	2,340.9	6.7	7.4	-93.37	218.5	-200.0	208.4	195.1	13.29	15.680		
2,500.0	2,464.3	2,467.1	2,436.0	7.3	7.8	-97.15	234.6	-214.6	225.3	211.0	14.31	15.740		
2,600.0	2,559.0	2,564.7	2,531.1	7.9	8.3	-100.40	250.7	-229.2	243.1	227.7	15.34	15.849		
2,700.0	2,653.8	2,662.2	2,626.2	8.4	8.7	-103.20	266.8	-243.7	261.5	245.1	16.35	15.989		
2,800.0	2,748.5	2,759.7	2,721.2	9.0	9.2	-105.64	282.9	-258.3	280.5	263.1	17.37	16.150		
2,900.0	2,843.2	2,857.2	2,816.3	9.6	9.6	-107.76	299.0	-272.9	299.9	281.5	18.37	16.321		
3,000.0	2,938.0	2,954.7	2,911.4	10.2	10.1	-109.63	315.0	-287.5	319.6	300.2	19.37	16.498		
3,100.0	3,032.7	3,052.3	3,006.5	10.8	10.5	-111.28	331.1	-302.1	339.7	319.3	20.37	16.676		
3,200.0	3,127.5	3,149.8	3,101.5	11.4	11.0	-112.75	347.2	-316.7	359.9	338.6	21.36	16.853		
3,300.0	3,222.2	3,247.3	3,196.6	12.0	11.5	-114.06	363.3	-331.3	380.4	358.1	22.34	17.026		
3,400.0	3,316.9	3,344.8	3,291.7	12.6	11.9	-115.24	379.4	-345.9	401.1	377.8	23.33	17.194		
3,500.0	3,411.7	3,442.4	3,386.8	13.2	12.4	-116.31	395.5	-360.5	421.9	397.6	24.31	17.357		
3,600.0	3,506.4	3,539.9	3,481.8	13.9	12.8	-117.27	411.6	-375.1	442.8	417.6	25.28	17.514		
3,700.0	3,601.2	3,637.4	3,576.9	14.5	13.3	-118.15	427.7	-389.7	463.9	437.6	26.26	17.666		
3,800.0	3,695.9	3,734.9	3,672.0	15.1	13.8	-118.95	443.8	-404.2	485.0	457.8	27.23	17.811		
3,900.0	3,790.6	3,832.5	3,767.1	15.7	14.2	-119.68	459.9	-418.8	506.3	478.0	28.20	17.950		
4,000.0	3,885.4	3,930.0	3,862.1	16.3	14.7	-120.36	476.0	-433.4	527.5	498.4	29.17	18.084		
4,100.0	3,980.1	4,027.5	3,957.2	17.0	15.2	-120.98	492.0	-448.0	548.9	518.8	30.14	18.211		
4,200.0	4,074.9	4,125.0	4,052.3	17.6	15.6	-121.55	508.1	-462.6	570.3	539.2	31.11	18.334		
4,300.0	4,169.6	4,222.6	4,147.4	18.2	16.1	-122.09	524.2	-477.2	591.8	559.7	32.07	18.451		
4,400.0	4,264.3	4,320.1	4,242.4	18.8	16.6	-122.59	540.3	-491.8	613.3	580.3	33.04	18.563		
4,500.0	4,359.1	4,417.6	4,337.5	19.5	17.0	-123.05	556.4	-506.4	634.9	600.9	34.00	18.670		
4,600.0	4,453.8	4,517.6	4,435.2	20.1	17.4	-123.58	572.2	-520.7	656.3	621.4	34.91	18.800		
4,700.0	4,548.5	4,618.2	4,534.1	20.7	17.8	-124.37	585.6	-532.9	677.4	641.7	35.70	18.974		
4,800.0	4,643.3	4,718.2	4,633.1	21.3	18.0	-125.40	596.4	-542.6	698.2	661.8	36.42	19.173		
4,900.0	4,738.0	4,817.5	4,731.8	22.0	18.3	-126.64	604.5	-550.0	718.8	681.8	37.05	19.402		
5,000.0	4,832.8	4,915.8	4,829.7	22.6	18.5	-128.06	610.1	-555.1	739.5	701.9	37.60	19.670		
5,100.0	4,927.5	5,012.8	4,926.7	23.2	18.6	-129.63	613.2	-557.8	760.5	722.4	38.06	19.982		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company:	Synergy Resources	Local Co-ordinate Reference:	Well M&T FARMS 33-10D
Project:	SEC.10-T6N-65W	TVD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Reference Site:	M&T PAD Sec.10-T6N-R65W	MD Reference:	33-10D @ 4760.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	M&T FARMS 33-10D	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM den0-adp01 Server Data
Reference Design:	Plan #1 (2-23-10)	Offset TVD Reference:	Offset Datum

Offset Design M&T PAD Sec.10-T6N-R65W - M&T FARMS 10PD - Wellbore #1 - Plan #1 (2-23-10)													Offset Site Error: 0.0 ft
Survey Program: 0-MWD													Offset Well Error: 0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,200.0	5,022.2	5,108.4	5,022.2	23.9	18.7	-131.33	613.9	-558.5	782.0	743.5	38.44	20.342	
5,300.0	5,117.0	5,203.1	5,117.0	24.5	18.9	-133.00	613.9	-558.5	804.1	765.3	38.80	20.725	
5,400.0	5,211.7	5,297.9	5,211.7	25.1	19.0	-134.58	613.9	-558.5	826.8	787.7	39.14	21.123	
5,500.0	5,306.5	5,392.6	5,306.5	25.7	19.1	-136.15	613.9	-558.5	850.1	810.7	39.48	21.535	
5,600.0	5,402.0	5,488.2	5,402.0	26.2	19.2	-137.77	613.9	-558.5	872.2	832.4	39.75	21.944	
5,700.0	5,498.5	5,584.7	5,498.5	26.6	19.4	-139.15	613.9	-558.5	892.1	852.1	40.01	22.297	
5,800.0	5,595.9	5,682.0	5,595.9	27.0	19.5	-140.31	613.9	-558.5	909.6	869.4	40.27	22.591	
5,900.0	5,694.0	5,780.1	5,694.0	27.3	19.6	-141.26	613.9	-558.5	924.8	884.3	40.52	22.825	
6,000.0	5,792.7	5,878.9	5,792.7	27.6	19.8	-142.03	613.9	-558.5	937.3	896.6	40.76	22.998	
6,100.0	5,891.9	5,978.1	5,891.9	27.9	19.9	-142.61	613.9	-558.5	947.2	906.3	40.99	23.110	
6,200.0	5,991.5	6,077.7	5,991.5	28.1	20.0	-143.03	613.9	-558.5	954.4	913.2	41.21	23.161	
6,300.0	6,091.4	6,177.5	6,091.4	28.2	20.2	-143.28	613.9	-558.5	958.9	917.5	41.42	23.151	
6,400.0	6,191.3	6,277.5	6,191.3	28.4	20.3	-143.37	613.9	-558.5	960.5	918.9	41.61	23.081	
6,500.0	6,291.3	6,377.5	6,291.3	28.5	20.5	-141.99	613.9	-558.5	960.5	918.6	41.88	22.934	
6,600.0	6,391.3	6,477.5	6,391.3	28.6	20.6	-141.99	613.9	-558.5	960.5	918.4	42.17	22.779	
6,700.0	6,491.3	6,577.5	6,491.3	28.7	20.8	-141.99	613.9	-558.5	960.5	918.1	42.46	22.624	
6,800.0	6,591.3	6,677.5	6,591.3	28.8	20.9	-141.99	613.9	-558.5	960.5	917.8	42.75	22.470	
6,900.0	6,691.3	6,777.5	6,691.3	28.9	21.1	-141.99	613.9	-558.5	960.5	917.5	43.04	22.316	
7,000.0	6,791.3	6,877.5	6,791.3	29.0	21.2	-141.99	613.9	-558.5	960.5	917.2	43.34	22.164	
7,100.0	6,891.3	6,977.5	6,891.3	29.1	21.4	-141.99	613.9	-558.5	960.5	916.9	43.64	22.012	
7,200.0	6,991.3	7,077.5	6,991.3	29.2	21.5	-141.99	613.9	-558.5	960.5	916.6	43.94	21.860	
7,300.0	7,091.3	7,177.5	7,091.3	29.3	21.7	-141.99	613.9	-558.5	960.5	916.3	44.24	21.710	
7,400.0	7,191.3	7,277.5	7,191.3	29.4	21.9	-141.99	613.9	-558.5	960.5	916.0	44.55	21.561	
7,500.0	7,291.3	7,377.5	7,291.3	29.5	22.0	-141.99	613.9	-558.5	960.5	915.7	44.86	21.412	
7,528.7	7,320.0	7,406.1	7,320.0	29.6	22.1	-141.99	613.9	-558.5	960.5	915.6	44.95	21.370	

Company: Synergy Resources
Project: SEC.10-T6N-65W
Reference Site: M&T PAD Sec.10-T6N-R65W
Site Error: 0.0ft
Reference Well: M&T FARMS 33-10D
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (2-23-10)

Local Co-ordinate Reference: Well M&T FARMS 33-10D
TVD Reference: 33-10D @ 4760.0ft (Original Well Elev)
MD Reference: 33-10D @ 4760.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: EDM den0-adp01 Server Data
Offset TVD Reference: Offset Datum

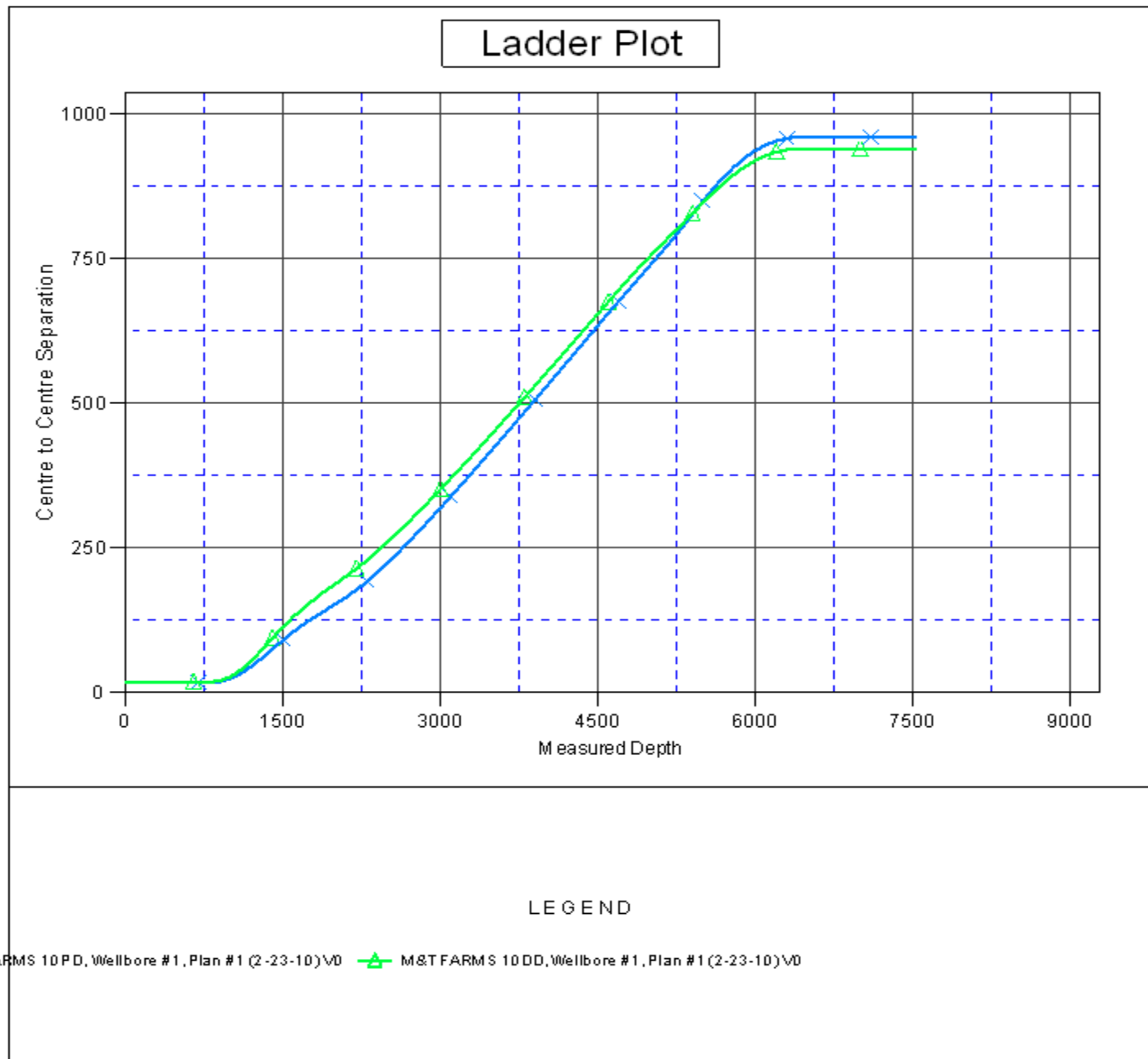
Reference Depths are relative to 33-10D @ 4760.0ft (Original Well Elev) Coordinates are relative to: M&T FARMS 33-10D

Offset Depths are relative to Offset Datum

Coordinate System is US State Plane 1983, Colorado Northern Zone

Central Meridian is 105° 30' 0.000 W °

Grid Convergence at Surface is: 0.55°



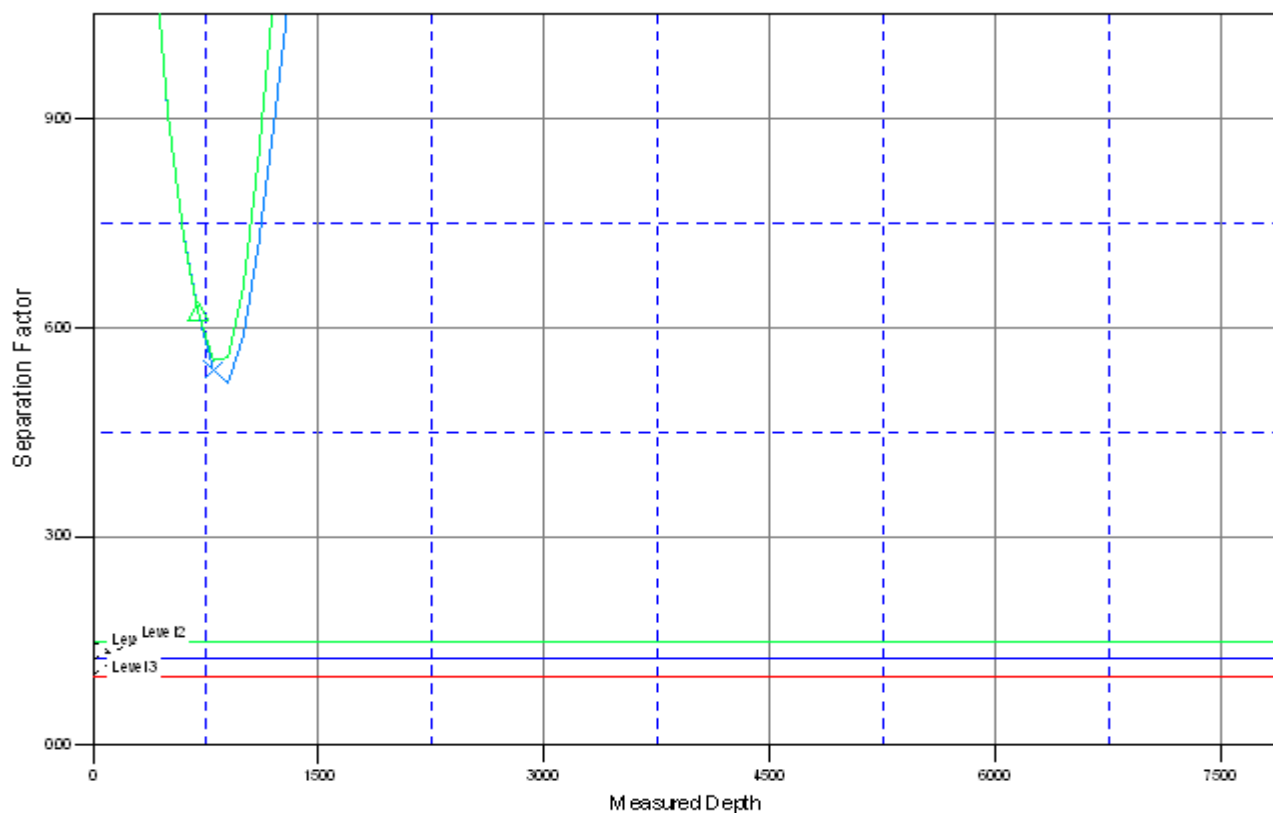
Company: Synergy Resources
Project: SEC.10-T6N-65W
Reference Site: M&T PAD Sec.10-T6N-R65W
Site Error: 0.0ft
Reference Well: M&T FARMS 33-10D
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (2-23-10)

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Reference Depths are relative to 33-10D @ 4760.0ft (Original Well Elev)
Offset Depths are relative to Offset Datum
Central Meridian is 105° 30' 0.000 W °

Coordinates are relative to: M&T FARMS 33-10D
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.55°

Separation Factor Plot



LEGEND

ARMS 10 PD, Wellbore #1, Plan #1 (2-23-10) \V0 —▲— M&T FARMS 10 DD, Wellbore #1, Plan #1 (2-23-10) \V0