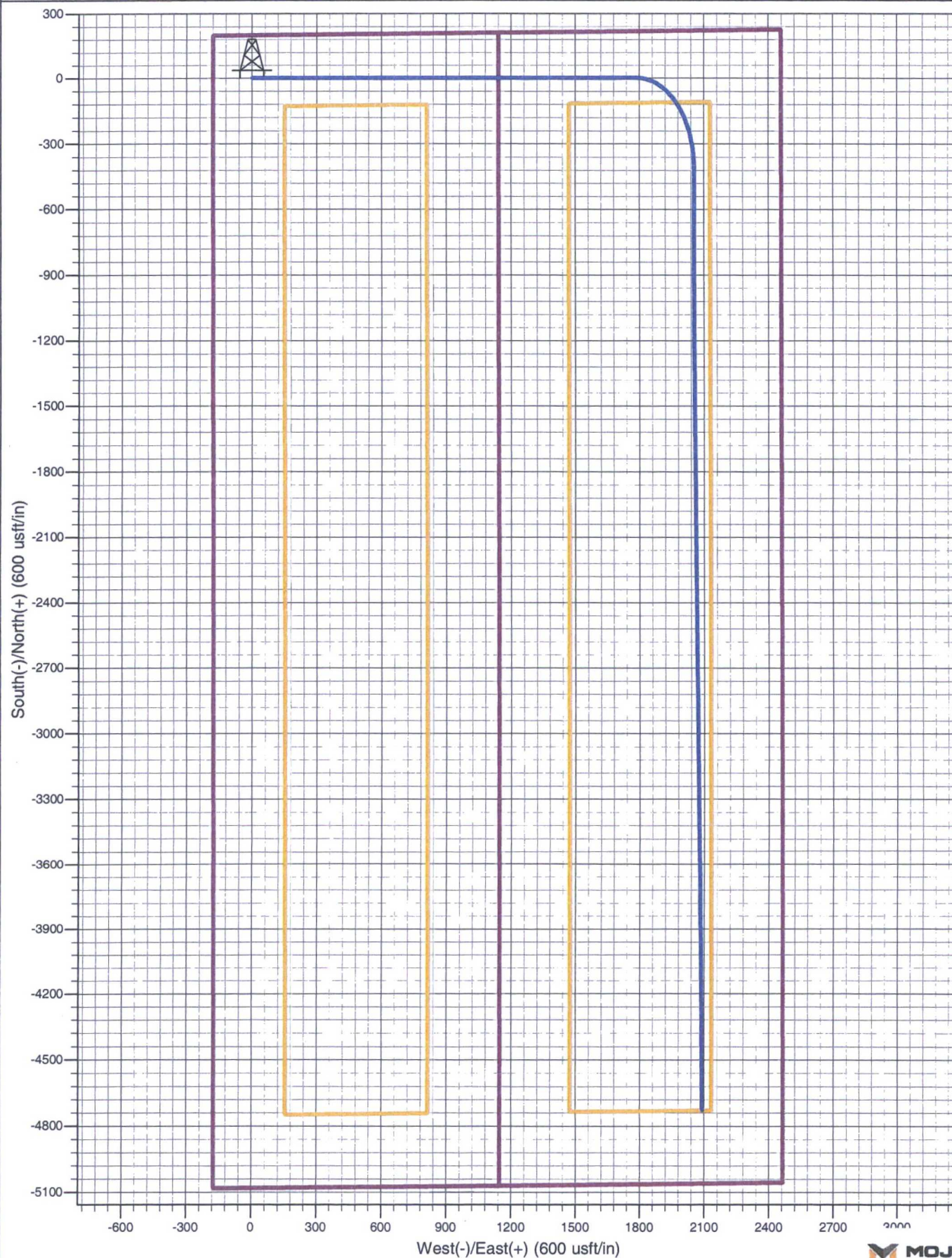


Project: North Lea Prospect T20S-R34E
Site: Section 5
Well: North Lea 5 Federal Com #1H
Wellbore: North Lea 5 Federal Com #1H
Design: North Lea 5 Federal Com #1H



Azimuths to Grid North
True North: -0.41°
Magnetic North: 7.02°

Magnetic Field
Strength: 48690.8nT
Dip Angle: 60.50°
Date: 31/12/2012
Model: IGRF2010

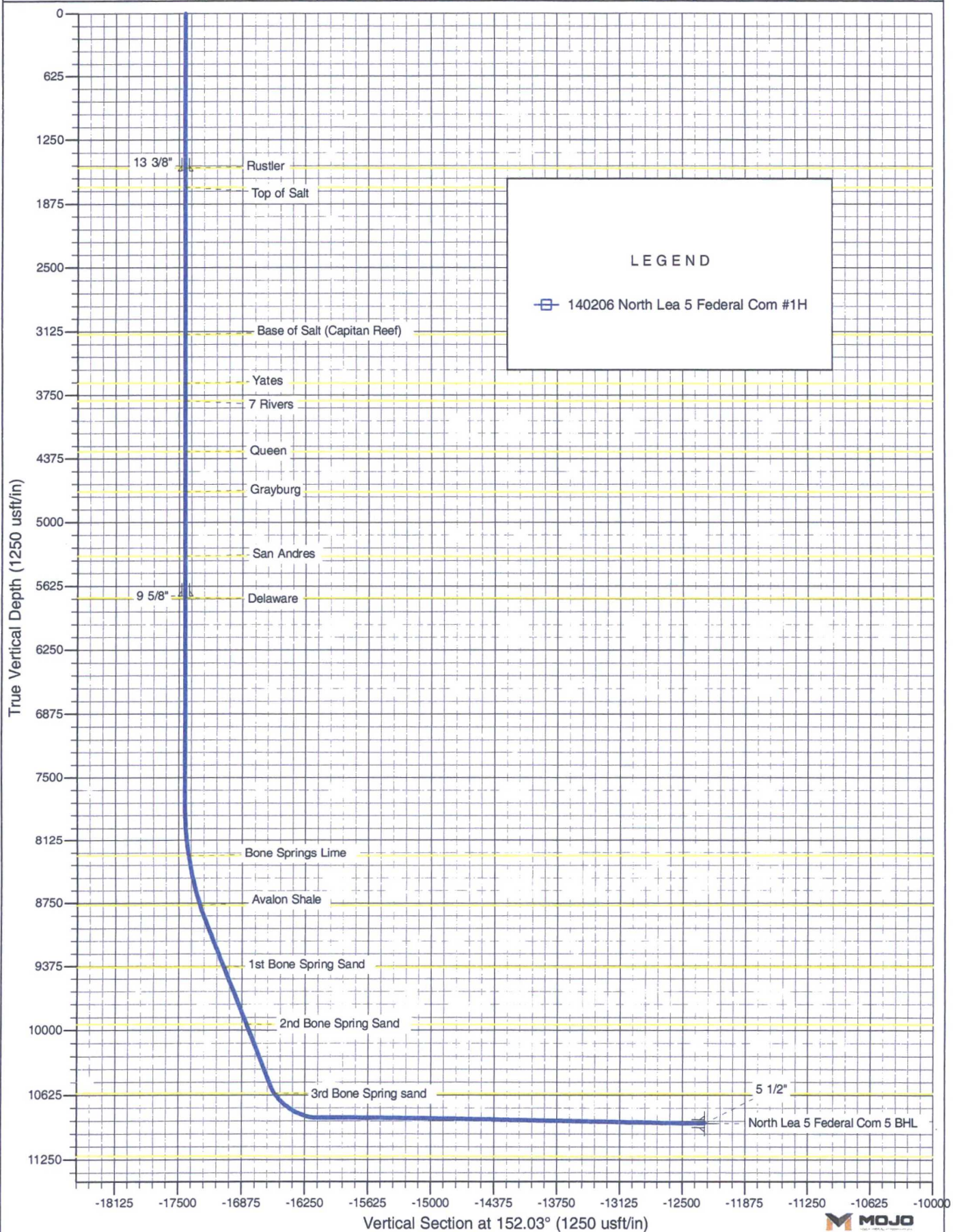


Project: North Lea Prospect
 Site: Section 5
 Well: North Lea 5 Federal Com #1H
 Wellbore: North Lea 5 Federal Com #1H
 Design: North Lea 5 Federal Com #1H



Azimuths to Grid North
 True North: -0.41°
 Magnetic North: 7.02°

Magnetic Field
 Strength: 48690.8nT
 Dip Angle: 60.50°
 Date: 31/12/2012
 Model: IGRF2010





Read and Stevens Inc.

North Lea Prospect T20S-R34E

Section 5

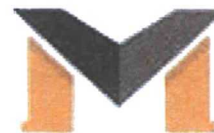
North Lea 5 Federal Com #1H

HOBBS OCD
DEC 22 2016
RECEIVED

Plan: 140206 North Lea 5 Federal Com #1H

MOJO Standard Plan

11 February, 2014



MOJO
DIRECTIONAL CORPORATION



MOJO Standard Plan



Company:	Read and Stevens Inc.	Local Co-ordinate Reference:	Well North Lea 5 Federal Com #1H
Project:	North Lea Prospect T20S-R34E	TVD Reference:	WELL @ 3661.2usft (Original Well Elev)
Site:	Section 5	MD Reference:	WELL @ 3661.2usft (Original Well Elev)
Well:	North Lea 5 Federal Com #1H	North Reference:	Grid
Wellbore:	North Lea 5 Federal Com #1H	Survey Calculation Method:	Minimum Curvature
Design:	140206 North Lea 5 Federal Com #1H	Database:	EDM 5000.1 Single User Db

Project	North Lea Prospect T20S-R34E		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		Using geodetic scale factor

Site	Section 5		
Site Position:		Northing:	570,486.05 usft
From:	Lat/Long	Easting:	780,637.53 usft
Position Uncertainty:	1.0 usft	Slot Radius:	16 "
		Latitude:	32° 33' 57.317 N
		Longitude:	103° 33' 23.649 W
		Grid Convergence:	0.42 °

Well	North Lea 5 Federal Com #1H		
Well Position	+N/-S	0.0 usft	Northing: 586,059.78 usft
	+E/-W	0.0 usft	Easting: 772,787.18 usft
Position Uncertainty	1.0 usft		Wellhead Elevation: usft
			Latitude: 32° 36' 31.971 N
			Longitude: 103° 34' 54.092 W
			Ground Level: 3,639.2 usft

Wellbore	North Lea 5 Federal Com #1H		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2010	31/12/2012	7.43
			Dip Angle (°) 60.50
			Field Strength (nT) 48,691

Design	140206 North Lea 5 Federal Com #1H		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	-15,574.2	7,850.6
			Direction (°) 332.03

Survey Tool Program	Date 11/02/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
0.0	16,090.2	140206 North Lea 5 Federal Com #1H (No	MWD
			Description MWD - Standard



MOJO Standard Plan



Company: Read and Stevens Inc.
Project: North Lea Prospect T20S-R34E
Site: Section 5
Well: North Lea 5 Federal Com #1H
Wellbore: North Lea 5 Federal Com #1H
Design: 140206 North Lea 5 Federal Com #1H

Local Co-ordinate Reference: Well North Lea 5 Federal Com #1H
TVD Reference: WELL @ 3661.2usft (Original Well Elev)
MD Reference: WELL @ 3661.2usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
0.0	0.00	0.00	0.0	-3,661.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
100.0	0.00	0.00	100.0	-3,561.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
200.0	0.00	0.00	200.0	-3,461.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
300.0	0.00	0.00	300.0	-3,361.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
400.0	0.00	0.00	400.0	-3,261.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
500.0	0.00	0.00	500.0	-3,161.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
600.0	0.00	0.00	600.0	-3,061.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
700.0	0.00	0.00	700.0	-2,961.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
800.0	0.00	0.00	800.0	-2,861.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
900.0	0.00	0.00	900.0	-2,761.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
1,000.0	0.00	0.00	1,000.0	-2,661.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
1,100.0	0.00	0.00	1,100.0	-2,561.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
1,200.0	0.00	0.00	1,200.0	-2,461.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
1,300.0	0.00	0.00	1,300.0	-2,361.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
1,400.0	0.00	0.00	1,400.0	-2,261.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
1,500.0	0.00	0.00	1,500.0	-2,161.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
1,524.2	0.00	0.00	1,524.2	-2,137.0	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
Rustler										
1,550.9	0.00	0.00	1,550.9	-2,110.3	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
13 3/8"										
1,600.0	0.00	0.00	1,600.0	-2,061.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
1,700.0	0.00	0.00	1,700.0	-1,961.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
1,711.2	0.00	0.00	1,711.2	-1,950.0	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
Top of Salt										
1,800.0	0.00	0.00	1,800.0	-1,861.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
1,900.0	0.00	0.00	1,900.0	-1,761.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
2,000.0	0.00	0.00	2,000.0	-1,661.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
2,100.0	0.00	0.00	2,100.0	-1,561.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18



MOJO Standard Plan



Company:	Read and Stevens Inc.	Local Co-ordinate Reference:	Well North Lea 5 Federal Com #1H
Project:	North Lea Prospect T20S-R34E	TVD Reference:	WELL @ 3661.2usft (Original Well Elev)
Site:	Section 5	MD Reference:	WELL @ 3661.2usft (Original Well Elev)
Well:	North Lea 5 Federal Com #1H	North Reference:	Grid
Wellbore:	North Lea 5 Federal Com #1H	Survey Calculation Method:	Minimum Curvature
Design:	140206 North Lea 5 Federal Com #1H	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)		TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
2,200.0	0.00	0.00	0.00	2,200.0	-1,461.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
2,300.0	0.00	0.00	0.00	2,300.0	-1,361.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
2,400.0	0.00	0.00	0.00	2,400.0	-1,261.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
2,500.0	0.00	0.00	0.00	2,500.0	-1,161.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
2,600.0	0.00	0.00	0.00	2,600.0	-1,061.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
2,700.0	0.00	0.00	0.00	2,700.0	-961.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
2,800.0	0.00	0.00	0.00	2,800.0	-861.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
2,900.0	0.00	0.00	0.00	2,900.0	-761.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
3,000.0	0.00	0.00	0.00	3,000.0	-661.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
3,100.0	0.00	0.00	0.00	3,100.0	-561.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
3,154.2	0.00	0.00	0.00	3,154.2	-507.0	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
Base of Salt (Capitan Reef)											
3,200.0	0.00	0.00	0.00	3,200.0	-461.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
3,300.0	0.00	0.00	0.00	3,300.0	-361.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
3,400.0	0.00	0.00	0.00	3,400.0	-261.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
3,500.0	0.00	0.00	0.00	3,500.0	-161.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
3,600.0	0.00	0.00	0.00	3,600.0	-61.2	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
3,634.2	0.00	0.00	0.00	3,634.2	-27.0	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
Yates											
3,700.0	0.00	0.00	0.00	3,700.0	38.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
3,800.0	0.00	0.00	0.00	3,800.0	138.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
3,806.2	0.00	0.00	0.00	3,806.2	145.0	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
7 Rivers											
3,900.0	0.00	0.00	0.00	3,900.0	238.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
4,000.0	0.00	0.00	0.00	4,000.0	338.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
4,100.0	0.00	0.00	0.00	4,100.0	438.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
4,200.0	0.00	0.00	0.00	4,200.0	538.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
4,300.0	0.00	0.00	0.00	4,300.0	638.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18



MOJO Standard Plan



Company: Read and Stevens Inc.
Project: North Lea Prospect T20S-R34E
Site: Section 5
Well: North Lea 5 Federal Com #1H
Wellbore: North Lea 5 Federal Com #1H
Design: 140206 North Lea 5 Federal Com #1H

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well North Lea 5 Federal Com #1H
 WELL @ 3661.2usft (Original Well Elev)
 WELL @ 3661.2usft (Original Well Elev)
 Grid
 Minimum Curvature
 EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
4,306.2	0.00	0.00	4,306.2	645.0	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
Queen										
4,400.0	0.00	0.00	4,400.0	738.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
4,500.0	0.00	0.00	4,500.0	838.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
4,600.0	0.00	0.00	4,600.0	938.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
4,700.0	0.00	0.00	4,700.0	1,038.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
4,700.2	0.00	0.00	4,700.2	1,039.0	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
Grayburg										
4,800.0	0.00	0.00	4,800.0	1,138.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
4,900.0	0.00	0.00	4,900.0	1,238.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
5,000.0	0.00	0.00	5,000.0	1,338.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
5,100.0	0.00	0.00	5,100.0	1,438.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
5,200.0	0.00	0.00	5,200.0	1,538.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
5,300.0	0.00	0.00	5,300.0	1,638.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
5,330.2	0.00	0.00	5,330.2	1,669.0	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
San Andres										
5,400.0	0.00	0.00	5,400.0	1,738.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
5,500.0	0.00	0.00	5,500.0	1,838.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
5,600.0	0.00	0.00	5,600.0	1,938.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
5,668.9	0.00	0.00	5,668.9	2,007.7	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
9 5/8"										
5,700.0	0.00	0.00	5,700.0	2,038.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
5,742.2	0.00	0.00	5,742.2	2,081.0	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
Delaware										
5,800.0	0.00	0.00	5,800.0	2,138.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
5,900.0	0.00	0.00	5,900.0	2,238.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
6,000.0	0.00	0.00	6,000.0	2,338.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
6,100.0	0.00	0.00	6,100.0	2,438.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18



MOJO Standard Plan



Company: Read and Stevens Inc.
Project: North Lea Prospect T20S-R34E
Site: Section 5
Well: North Lea 5 Federal Com #1H
Wellbore: North Lea 5 Federal Com #1H
Design: 140206 North Lea 5 Federal Com #1H

Local Co-ordinate Reference: Well North Lea 5 Federal Com #1H
TVD Reference: WELL @ 3661.2usft (Original Well Elev)
MD Reference: WELL @ 3661.2usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
6,200.0	0.00	0.00	6,200.0	2,538.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
6,300.0	0.00	0.00	6,300.0	2,638.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
6,400.0	0.00	0.00	6,400.0	2,738.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
6,500.0	0.00	0.00	6,500.0	2,838.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
6,600.0	0.00	0.00	6,600.0	2,938.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
6,700.0	0.00	0.00	6,700.0	3,038.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
6,800.0	0.00	0.00	6,800.0	3,138.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
6,900.0	0.00	0.00	6,900.0	3,238.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
7,000.0	0.00	0.00	7,000.0	3,338.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
7,100.0	0.00	0.00	7,100.0	3,438.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
7,200.0	0.00	0.00	7,200.0	3,538.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
7,300.0	0.00	0.00	7,300.0	3,638.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
7,400.0	0.00	0.00	7,400.0	3,738.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
7,500.0	0.00	0.00	7,500.0	3,838.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
7,600.0	0.00	0.00	7,600.0	3,938.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
7,704.0	0.00	0.00	7,704.0	4,042.8	0.0	0.0	17,437.0	0.00	586,059.78	772,787.18
7,800.0	2.88	90.00	7,800.0	4,138.8	0.0	2.4	17,435.9	3.00	586,059.78	772,789.59
7,900.0	5.88	90.00	7,899.7	4,238.5	0.0	10.0	17,432.3	3.00	586,059.78	772,797.22
8,000.0	8.88	90.00	7,998.8	4,337.6	0.0	22.9	17,426.3	3.00	586,059.78	772,810.07
8,100.0	11.88	90.00	8,097.2	4,436.0	0.0	40.9	17,417.9	3.00	586,059.78	772,828.08
8,200.0	14.88	90.00	8,194.4	4,533.2	0.0	64.0	17,407.0	3.00	586,059.78	772,851.22
8,288.3	17.53	90.00	8,279.2	4,618.0	0.0	88.7	17,395.4	3.00	586,059.78	772,875.85
Bone Springs Lime										
8,300.0	17.88	90.00	8,290.4	4,629.2	0.0	92.2	17,393.8	3.00	586,059.78	772,879.42
8,400.0	20.88	90.00	8,384.7	4,723.5	0.0	125.4	17,378.2	3.00	586,059.78	772,912.59
8,500.0	23.88	90.00	8,477.2	4,816.0	0.0	163.5	17,360.4	3.00	586,059.78	772,950.66
8,600.0	26.88	90.00	8,567.5	4,906.3	0.0	206.3	17,340.3	3.00	586,059.78	772,993.52



MOJO Standard Plan



Company:	Read and Stevens Inc.	Local Co-ordinate Reference:	Well North Lea 5 Federal Com #1H
Project:	North Lea Prospect T20S-R34E	TVD Reference:	WELL @ 3661.2usft (Original Well Elev)
Site:	Section 5	MD Reference:	WELL @ 3661.2usft (Original Well Elev)
Well:	North Lea 5 Federal Com #1H	North Reference:	Grid
Wellbore:	North Lea 5 Federal Com #1H	Survey Calculation Method:	Minimum Curvature
Design:	140206 North Lea 5 Federal Com #1H	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
8,700.0	29.88	90.00	8,655.5	4,994.3	0.0	253.9	17,318.0	3.00	586,059.78	773,041.04	
8,800.0	32.88	90.00	8,740.8	5,079.6	0.0	305.9	17,293.6	3.00	586,059.78	773,093.11	
8,837.6	34.01	90.00	8,772.2	5,111.0	0.0	326.7	17,283.8	3.00	586,059.78	773,113.83	
Avalon Shale											
8,900.0	35.88	90.00	8,823.3	5,162.1	0.0	362.4	17,267.1	3.00	586,059.78	773,149.57	
9,000.0	38.88	90.00	8,902.8	5,241.6	0.0	423.1	17,238.6	3.00	586,059.78	773,210.27	
9,037.3	40.00	90.00	8,931.6	5,270.4	0.0	446.8	17,227.5	3.00	586,059.78	773,233.98	
9,100.0	40.00	90.00	8,979.6	5,318.4	0.0	487.1	17,208.6	0.00	586,059.78	773,274.26	
9,200.0	40.00	90.00	9,056.2	5,395.0	0.0	551.4	17,178.5	0.00	586,059.78	773,338.54	
9,300.0	40.00	90.00	9,132.8	5,471.6	0.0	615.7	17,148.3	0.00	586,059.78	773,402.82	
9,400.0	40.00	90.00	9,209.5	5,548.3	0.0	679.9	17,118.2	0.00	586,059.78	773,467.10	
9,500.0	40.00	90.00	9,286.1	5,624.9	0.0	744.2	17,088.0	0.00	586,059.78	773,531.37	
9,600.0	40.00	90.00	9,362.7	5,701.5	0.0	808.5	17,057.9	0.00	586,059.78	773,595.65	
9,626.8	40.00	90.00	9,383.2	5,722.0	0.0	825.7	17,049.8	0.00	586,059.78	773,612.88	
1st Bone Spring Sand											
9,700.0	40.00	90.00	9,439.3	5,778.1	0.0	872.8	17,027.7	0.00	586,059.78	773,659.93	
9,800.0	40.00	90.00	9,515.9	5,854.7	0.0	937.1	16,997.6	0.00	586,059.78	773,724.20	
9,900.0	40.00	90.00	9,592.5	5,931.3	0.0	1,001.3	16,967.5	0.00	586,059.78	773,788.48	
10,000.0	40.00	90.00	9,669.1	6,007.9	0.0	1,065.6	16,937.3	0.00	586,059.78	773,852.76	
10,100.0	40.00	90.00	9,745.7	6,084.5	0.0	1,129.9	16,907.2	0.00	586,059.78	773,917.03	
10,200.0	40.00	90.00	9,822.3	6,161.1	0.0	1,194.2	16,877.0	0.00	586,059.78	773,981.31	
10,300.0	40.00	90.00	9,898.9	6,237.7	0.0	1,258.4	16,846.9	0.00	586,059.78	774,045.59	
10,361.8	40.00	90.00	9,946.2	6,285.0	0.0	1,298.1	16,828.3	0.00	586,059.78	774,085.28	
2nd Bone Spring Sand											
10,400.0	40.00	90.00	9,975.5	6,314.3	0.0	1,322.7	16,816.7	0.00	586,059.78	774,109.86	
10,500.0	40.00	90.00	10,052.1	6,390.9	0.0	1,387.0	16,786.6	0.00	586,059.78	774,174.14	
10,600.0	40.00	90.00	10,128.7	6,467.5	0.0	1,451.3	16,756.4	0.00	586,059.78	774,238.42	



MOJO Standard Plan



Company:	Read and Stevens Inc.	Local Co-ordinate Reference:	Well North Lea 5 Federal Com #1H
Project:	North Lea Prospect T20S-R34E	TVD Reference:	WELL @ 3661.2usft (Original Well Elev)
Site:	Section 5	MD Reference:	WELL @ 3661.2usft (Original Well Elev)
Well:	North Lea 5 Federal Com #1H	North Reference:	Grid
Wellbore:	North Lea 5 Federal Com #1H	Survey Calculation Method:	Minimum Curvature
Design:	140206 North Lea 5 Federal Com #1H	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
10,700.0	40.00	90.00	10,205.3	6,544.1	0.0	1,515.6	16,726.3	0.00	586,059.78	774,302.69	
10,800.0	40.00	90.00	10,281.9	6,620.7	0.0	1,579.8	16,696.2	0.00	586,059.78	774,366.97	
10,900.0	40.00	90.00	10,358.5	6,697.3	0.0	1,644.1	16,666.0	0.00	586,059.78	774,431.25	
11,000.0	40.00	90.00	10,435.1	6,773.9	0.0	1,708.4	16,635.9	0.00	586,059.78	774,495.52	
11,100.0	40.00	90.00	10,511.7	6,850.5	0.0	1,772.7	16,605.7	0.00	586,059.78	774,559.80	
11,127.3	40.00	90.00	10,532.7	6,871.5	0.0	1,790.2	16,597.5	0.00	586,059.78	774,577.37	
11,150.0	40.10	94.93	10,550.0	6,888.8	-0.6	1,804.8	16,590.1	14.00	586,059.15	774,591.93	
11,175.0	40.46	100.32	10,569.1	6,907.9	-2.8	1,820.8	16,580.7	14.00	586,057.00	774,607.94	
11,200.0	41.06	105.60	10,588.0	6,926.8	-6.4	1,836.7	16,570.0	14.00	586,053.34	774,623.83	
11,225.0	41.90	110.73	10,606.8	6,945.6	-11.6	1,852.4	16,558.1	14.00	586,048.18	774,639.55	
11,228.3	42.02	111.39	10,609.2	6,948.0	-12.4	1,854.5	16,556.4	14.00	586,047.39	774,641.59	
3rd Bone Spring sand											
11,250.0	42.95	115.68	10,625.2	6,964.0	-18.2	1,867.9	16,544.9	14.00	586,041.53	774,655.04	
11,275.0	44.22	120.41	10,643.3	6,982.1	-26.4	1,883.1	16,530.7	14.00	586,033.42	774,670.24	
11,300.0	45.66	124.93	10,661.0	6,999.8	-35.9	1,898.0	16,515.3	14.00	586,023.89	774,685.09	
11,325.0	47.28	129.21	10,678.3	7,017.1	-46.8	1,912.4	16,498.8	14.00	586,012.96	774,699.54	
11,350.0	49.05	133.26	10,694.9	7,033.7	-59.1	1,926.4	16,481.4	14.00	586,000.68	774,713.54	
11,375.0	50.95	137.10	10,711.0	7,049.8	-72.7	1,939.9	16,463.1	14.00	585,987.10	774,727.02	
11,400.0	52.97	140.73	10,726.4	7,065.2	-87.5	1,952.8	16,443.9	14.00	585,972.26	774,739.95	
11,425.0	55.10	144.17	10,741.1	7,079.9	-103.6	1,965.2	16,424.0	14.00	585,956.22	774,752.27	
11,450.0	57.31	147.43	10,755.0	7,093.8	-120.7	1,976.8	16,403.3	14.00	585,939.03	774,763.94	
11,475.0	59.61	150.52	10,768.1	7,106.9	-139.0	1,987.8	16,382.1	14.00	585,920.78	774,774.91	
11,500.0	61.98	153.48	10,780.3	7,119.1	-158.3	1,998.0	16,360.3	14.00	585,901.51	774,785.15	
11,525.0	64.41	156.30	10,791.6	7,130.4	-178.5	2,007.5	16,338.0	14.00	585,881.31	774,794.61	
11,550.0	66.89	159.01	10,801.9	7,140.7	-199.5	2,016.1	16,315.3	14.00	585,860.25	774,803.26	
11,575.0	69.41	161.63	10,811.2	7,150.0	-221.4	2,024.0	16,292.4	14.00	585,838.40	774,811.07	
11,600.0	71.97	164.15	10,819.5	7,158.3	-243.9	2,030.9	16,269.2	14.00	585,815.85	774,818.01	



MOJO Standard Plan



Company: Read and Stevens Inc.
 Project: North Lea Prospect T20S-R34E
 Site: Section 5
 Well: North Lea 5 Federal Com #1H
 Wellbore: North Lea 5 Federal Com #1H
 Design: 140206 North Lea 5 Federal Com #1H

Local Co-ordinate Reference: Well North Lea 5 Federal Com #1H
 TVD Reference: WELL @ 3661.2usft (Original Well Elev)
 MD Reference: WELL @ 3661.2usft (Original Well Elev)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
11,625.0	74.57	166.61	10,826.7	7,165.5	-267.1	2,036.9	16,245.9	14.00	585,792.69	774,824.05
11,650.0	77.19	169.00	10,832.8	7,171.6	-290.8	2,042.0	16,222.6	14.00	585,769.00	774,829.16
11,675.0	79.83	171.34	10,837.7	7,176.5	-314.9	2,046.2	16,199.3	14.00	585,744.86	774,833.34
11,700.0	82.49	173.65	10,841.6	7,180.4	-339.4	2,049.5	16,176.2	14.00	585,720.38	774,836.57
11,725.0	85.16	175.92	10,844.3	7,183.1	-364.2	2,051.7	16,153.2	14.00	585,695.63	774,838.83
11,750.0	87.84	178.18	10,845.8	7,184.6	-389.1	2,053.0	16,130.6	14.00	585,670.71	774,840.11
11,770.2	90.00	180.00	10,846.2	7,185.0	-409.3	2,053.3	16,112.7	14.00	585,650.53	774,840.43
11,800.0	89.98	179.99	10,846.2	7,185.0	-439.1	2,053.3	16,086.3	0.07	585,620.72	774,840.43
11,900.0	89.93	179.95	10,846.3	7,185.1	-539.1	2,053.4	15,998.0	0.07	585,520.73	774,840.48
12,000.0	89.87	179.91	10,846.4	7,185.2	-639.1	2,053.5	15,909.6	0.07	585,420.73	774,840.61
12,100.0	89.82	179.87	10,846.7	7,185.5	-739.1	2,053.7	15,821.2	0.07	585,320.73	774,840.80
12,200.0	89.76	179.83	10,847.1	7,185.9	-839.1	2,053.9	15,732.8	0.07	585,220.74	774,841.05
12,300.0	89.71	179.79	10,847.5	7,186.3	-939.1	2,054.3	15,644.3	0.07	585,120.74	774,841.38
12,400.0	89.65	179.76	10,848.1	7,186.9	-1,039.1	2,054.7	15,555.8	0.07	585,020.75	774,841.77
12,500.0	89.60	179.72	10,848.7	7,187.5	-1,139.1	2,055.1	15,467.2	0.07	584,920.75	774,842.23
12,600.0	89.54	179.68	10,849.5	7,188.3	-1,239.1	2,055.6	15,378.7	0.07	584,820.76	774,842.76
12,700.0	89.49	179.64	10,850.3	7,189.1	-1,339.0	2,056.2	15,290.1	0.07	584,720.77	774,843.35
12,800.0	89.43	179.60	10,851.3	7,190.1	-1,439.0	2,056.9	15,201.4	0.07	584,620.78	774,844.02
12,900.0	89.38	179.56	10,852.3	7,191.1	-1,539.0	2,057.6	15,112.8	0.07	584,520.79	774,844.75
13,000.0	89.32	179.52	10,853.4	7,192.2	-1,639.0	2,058.4	15,024.1	0.07	584,420.80	774,845.55
13,100.0	89.27	179.48	10,854.7	7,193.5	-1,739.0	2,059.3	14,935.4	0.07	584,320.82	774,846.41
13,200.0	89.21	179.45	10,856.0	7,194.8	-1,839.0	2,060.2	14,846.6	0.07	584,220.83	774,847.35
13,300.0	89.16	179.41	10,857.4	7,196.2	-1,939.0	2,061.2	14,757.9	0.07	584,120.85	774,848.35
13,405.7	89.10	179.37	10,859.0	7,197.8	-2,044.7	2,062.4	14,664.0	0.07	584,015.17	774,849.48
13,500.0	89.10	179.37	10,860.5	7,199.3	-2,138.9	2,063.4	14,580.2	0.00	583,920.89	774,850.52
13,600.0	89.10	179.37	10,862.1	7,200.9	-2,238.9	2,064.5	14,491.4	0.00	583,820.91	774,851.63
13,700.0	89.10	179.37	10,863.6	7,202.4	-2,338.9	2,065.6	14,402.6	0.00	583,720.93	774,852.74



MOJO Standard Plan



Company:	Read and Stevens Inc.	Local Co-ordinate Reference:	Well North Lea 5 Federal Com #1H
Project:	North Lea Prospect T20S-R34E	TVD Reference:	WELL @ 3661.2usft (Original Well Elev)
Site:	Section 5	MD Reference:	WELL @ 3661.2usft (Original Well Elev)
Well:	North Lea 5 Federal Com #1H	North Reference:	Grid
Wellbore:	North Lea 5 Federal Com #1H	Survey Calculation Method:	Minimum Curvature
Design:	140206 North Lea 5 Federal Com #1H	Database:	EDM 5000.1 Single User Db

Planned Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
13,800.0	89.10	179.37	10,865.2	7,204.0	-2,438.9	2,066.7	14,313.7	0.00	583,620.96	774,853.84
13,900.0	89.10	179.37	10,866.8	7,205.6	-2,538.9	2,067.8	14,224.9	0.00	583,520.98	774,854.95
14,000.0	89.10	179.37	10,868.4	7,207.2	-2,638.9	2,068.9	14,136.1	0.00	583,421.00	774,856.06
14,100.0	89.10	179.37	10,869.9	7,208.7	-2,738.8	2,070.1	14,047.3	0.00	583,321.02	774,857.16
14,200.0	89.10	179.37	10,871.5	7,210.3	-2,838.8	2,071.2	13,958.4	0.00	583,221.04	774,858.27
14,300.0	89.10	179.37	10,873.1	7,211.9	-2,938.8	2,072.3	13,869.6	0.00	583,121.06	774,859.38
14,400.0	89.10	179.37	10,874.6	7,213.4	-3,038.8	2,073.4	13,780.8	0.00	583,021.08	774,860.49
14,500.0	89.10	179.37	10,876.2	7,215.0	-3,138.8	2,074.5	13,692.0	0.00	582,921.11	774,861.59
14,600.0	89.10	179.37	10,877.8	7,216.6	-3,238.7	2,075.6	13,603.1	0.00	582,821.13	774,862.70
14,700.0	89.10	179.37	10,879.4	7,218.2	-3,338.7	2,076.7	13,514.3	0.00	582,721.15	774,863.81
14,800.0	89.10	179.37	10,880.9	7,219.7	-3,438.7	2,077.8	13,425.5	0.00	582,621.17	774,864.91
14,900.0	89.10	179.37	10,882.5	7,221.3	-3,538.7	2,078.9	13,336.7	0.00	582,521.19	774,866.02
15,000.0	89.10	179.37	10,884.1	7,222.9	-3,638.7	2,080.0	13,247.8	0.00	582,421.21	774,867.13
15,100.0	89.10	179.37	10,885.6	7,224.4	-3,738.7	2,081.1	13,159.0	0.00	582,321.23	774,868.23
15,200.0	89.10	179.37	10,887.2	7,226.0	-3,838.6	2,082.2	13,070.2	0.00	582,221.26	774,869.34
15,300.0	89.10	179.37	10,888.8	7,227.6	-3,938.6	2,083.3	12,981.4	0.00	582,121.28	774,870.45
15,400.0	89.10	179.37	10,890.4	7,229.2	-4,038.6	2,084.4	12,892.5	0.00	582,021.30	774,871.55
15,500.0	89.10	179.37	10,891.9	7,230.7	-4,138.6	2,085.5	12,803.7	0.00	581,921.32	774,872.66
15,600.0	89.10	179.37	10,893.5	7,232.3	-4,238.6	2,086.7	12,714.9	0.00	581,821.34	774,873.77
15,700.0	89.10	179.37	10,895.1	7,233.9	-4,338.5	2,087.8	12,626.1	0.00	581,721.36	774,874.88
15,800.0	89.10	179.37	10,896.6	7,235.4	-4,438.5	2,088.9	12,537.2	0.00	581,621.38	774,875.98
15,900.0	89.10	179.37	10,898.2	7,237.0	-4,538.5	2,090.0	12,448.4	0.00	581,521.41	774,877.09
16,000.0	89.10	179.37	10,899.8	7,238.6	-4,638.5	2,091.1	12,359.6	0.00	581,421.43	774,878.20
16,080.9	89.10	179.37	10,901.1	7,239.9	-4,719.4	2,092.0	12,287.7	0.00	581,340.51	774,879.09
16,090.2	89.10	179.37	10,901.2	7,240.0	-4,728.7	2,092.1	12,279.5	0.05	581,331.24	774,879.19



MOJO Standard Plan



Company: Read and Stevens Inc.
Project: North Lea Prospect T20S-R34E
Site: Section 5
Well: North Lea 5 Federal Com #1H
Wellbore: North Lea 5 Federal Com #1H
Design: 140206 North Lea 5 Federal Com #1H

Local Co-ordinate Reference: Well North Lea 5 Federal Com #1H
TVD Reference: WELL @ 3661.2usft (Original Well Elev)
MD Reference: WELL @ 3661.2usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Casing Points

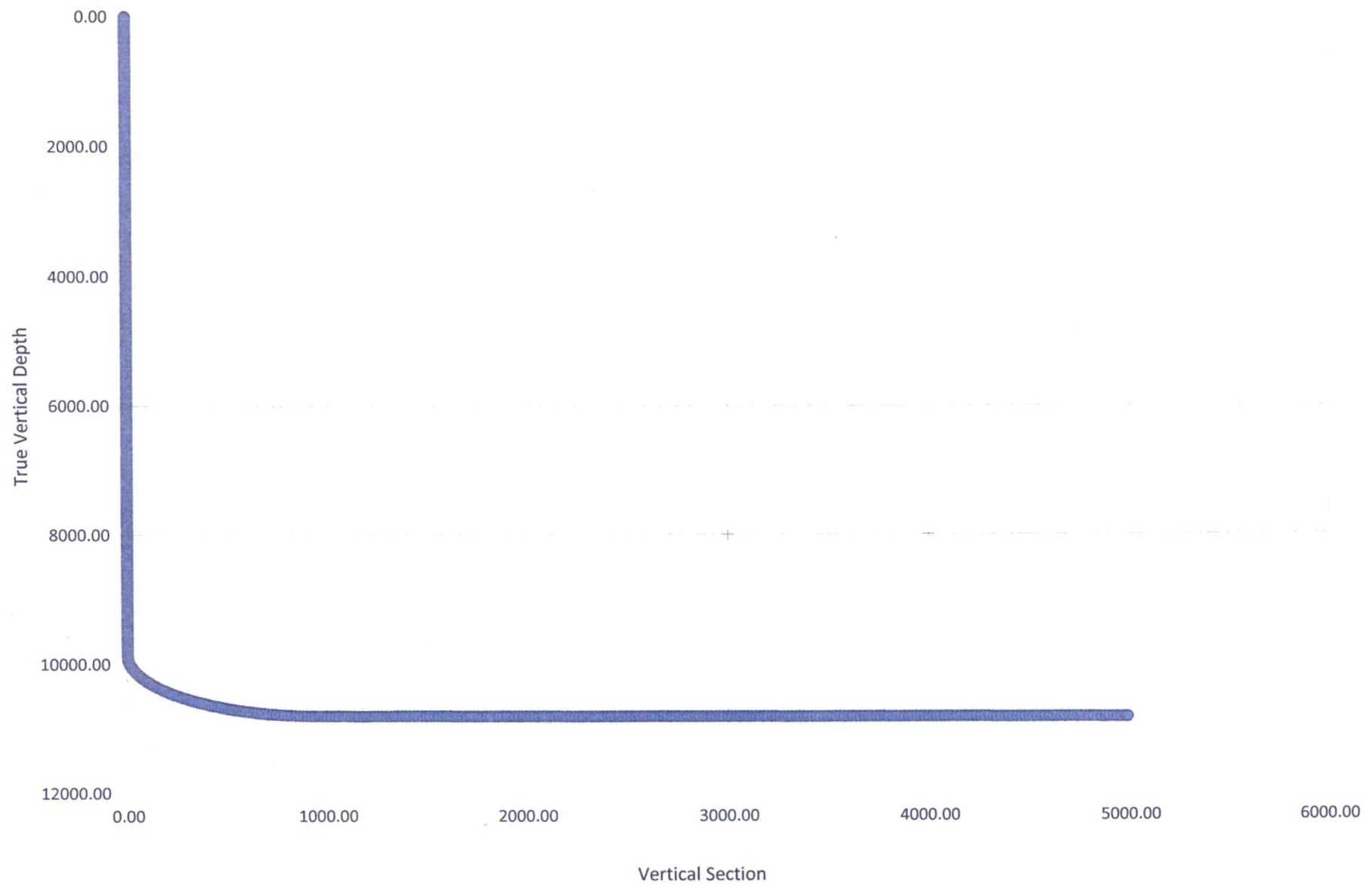
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
5,668.9	5,668.9	9 5/8"	9-5/8	12-1/4
1,550.9	1,550.9	13 3/8"	13-3/8	16
16,443.2		5 1/2"	5-1/2	8-1/2

Formations

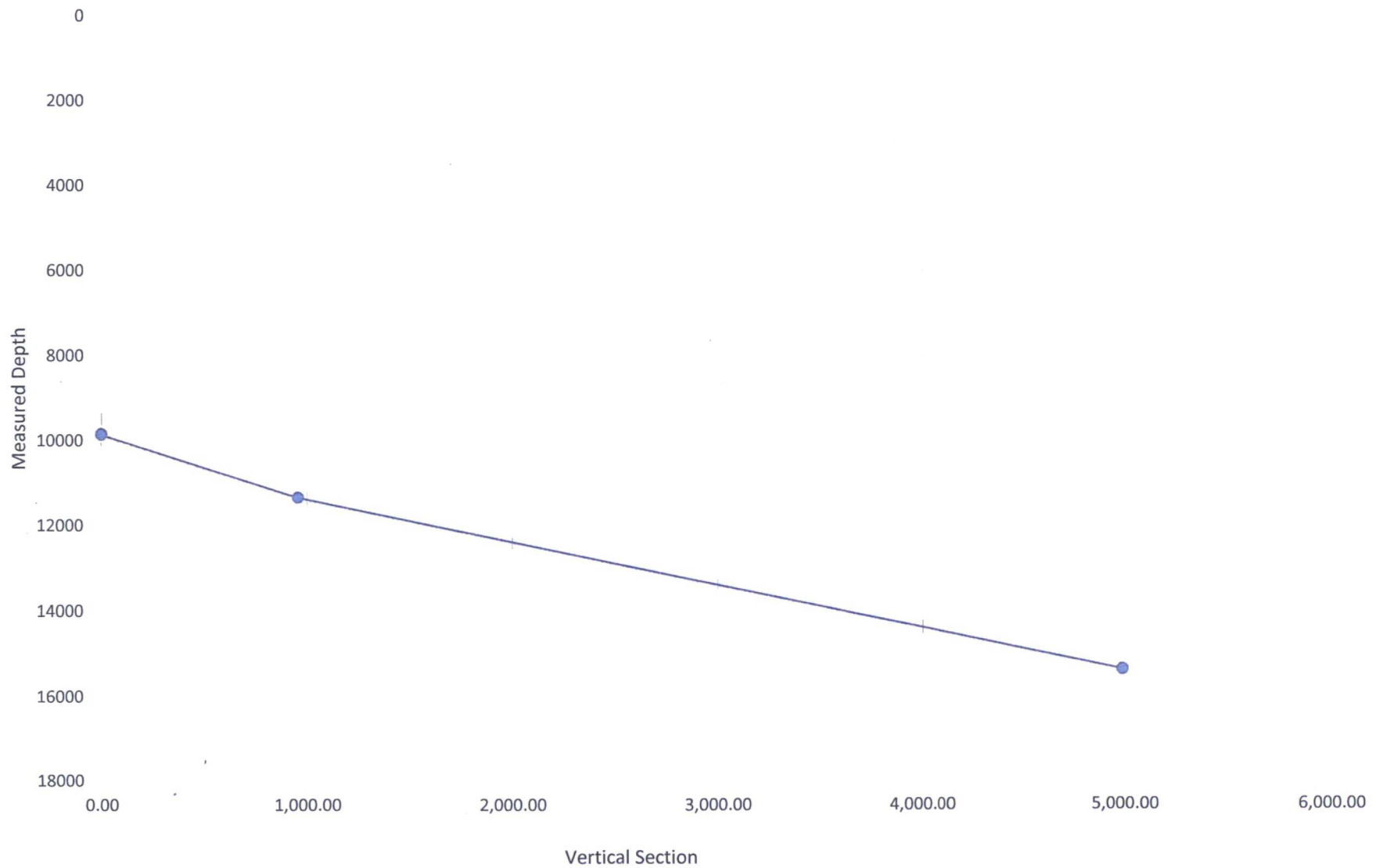
Measured Depth (usft)	Vertical Depth (usft)	Name	Dip (°)
1,524.2	1,524.2	Rustler	0.00
11,228.3	10,609.2	3rd Bone Spring sand	0.00
3,806.2	3,806.2	7 Rivers	0.00
1,711.2	1,711.2	Top of Salt	0.00
9,626.8	9,383.2	1st Bone Spring Sand	0.00
8,837.6	8,772.2	Avalon Shale	0.00
8,288.3	8,279.2	Bone Springs Lime	0.00
10,361.8	9,946.2	2nd Bone Spring Sand	0.00
4,700.2	4,700.2	Grayburg	0.00
3,634.2	3,634.2	Yates	0.00
5,330.2	5,330.2	San Andres	0.00
5,742.2	5,742.2	Delaware	0.00
4,306.2	4,306.2	Queen	0.00
3,154.2	3,154.2	Base of Salt (Capitan Reef)	0.00

Checked By: _____ Approved By: _____ Date: _____

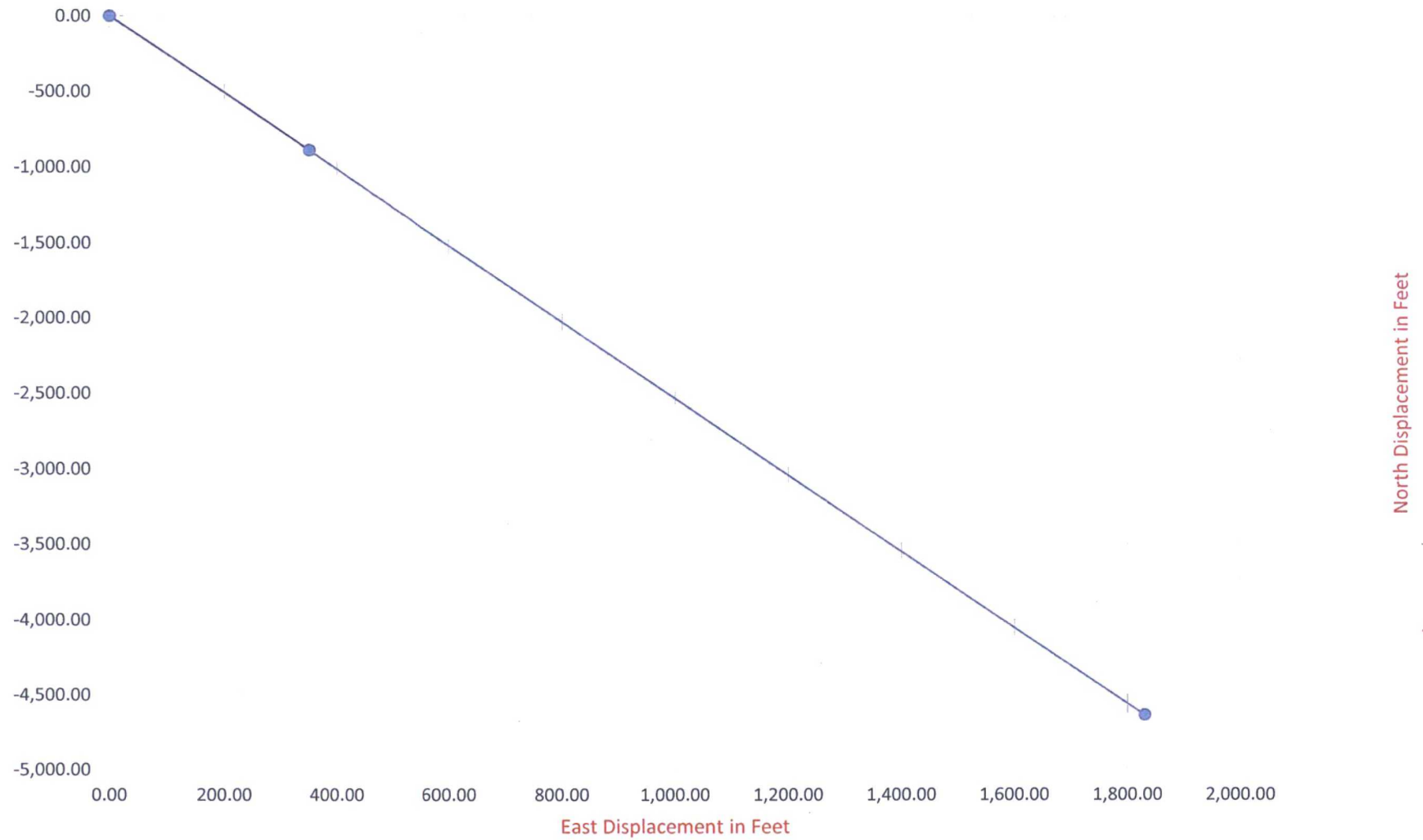
Lea 5 Fed 1H
Horizontal Well



Lea Fed 1H
Vertical Section against Measured Depth
HORIZONTAL WELLBORE



Lea 5 Fed 1H
Plan View
HORIZONTAL WELLBORE



Lea Fed 5 1H HORIZONTAL WELLBORE SAMPLE							
MD	Inc	Az	TVD	N	E	DLS	V/S
ft	deg	deg	ft	ft	ft	deg/100'	ft
0	0	0	0.00	0.00	0.00		
9,845	0	0	9,845.00	0.00	0.00	0.00	0.00
9,865	1.2	201.54	9,865.00	-0.19	0.08	6.00	0.21
11,345	89.6	201.54	10,800.00	-888.25	350.61	6.00	954.95
15,377	89.6	201.54	10,828.17	-4,638.57	1,830.92	0.00	4,986.90

BM
24 October 2016

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

10925.00	64.80	201.54	10709.06	548.35	-510.05	201.33			2076992.4	11836332.6	1.20	1.80	0.367	6.611	16.749	18.006	64.2	20.000	20.000	64.800	18.006	8.705	18.006	0.105	100.00
10945.00	66.00	201.54	10717.39	566.54	-526.97	208.00			2076999.0	11836315.7	1.20	1.80	0.367	6.677	16.915	18.185	65.4	20.000	20.000	66.000	18.185	8.326	18.185	0.105	100.00
10965.00	67.20	201.54	10725.33	584.89	-544.04	214.74			2077005.8	11836298.6	1.20	1.80	0.367	6.739	17.073	18.355	66.6	20.000	20.000	67.200	18.355	7.943	18.355	0.105	100.00
10985.00	68.40	201.54	10732.89	603.41	-561.27	221.54			2077012.6	11836281.4	1.20	1.80	0.367	6.799	17.224	18.517	67.8	20.000	20.000	68.400	18.517	7.557	18.517	0.105	100.00
11005.00	69.60	201.54	10740.05	622.08	-578.63	228.40			2077019.4	11836264.0	1.20	1.80	0.367	6.855	17.368	18.672	69	20.000	20.000	69.600	18.672	7.167	18.672	0.105	100.00
11025.00	70.80	201.54	10746.83	640.90	-596.14	235.31			2077026.3	11836246.5	1.20	1.80	0.367	6.909	17.503	18.818	70.2	20.000	20.000	70.800	18.818	6.775	18.818	0.105	100.00
11045.00	72.00	201.54	10753.21	659.85	-613.77	242.27			2077033.3	11836228.9	1.20	1.80	0.367	6.959	17.632	18.955	71.4	20.000	20.000	72.000	18.955	6.379	18.955	0.105	100.00
11065.00	73.20	201.54	10759.19	678.94	-631.52	249.27			2077040.3	11836211.2	1.20	1.80	0.367	7.007	17.752	19.085	72.6	20.000	20.000	73.200	19.085	5.981	19.085	0.105	100.00
11085.00	74.40	201.54	10764.77	698.14	-649.39	256.32			2077047.4	11836193.3	1.20	1.80	0.367	7.051	17.865	19.206	73.8	20.000	20.000	74.400	19.206	5.580	19.206	0.105	100.00
11105.00	75.60	201.54	10769.95	717.46	-667.35	263.42			2077054.5	11836175.3	1.20	1.80	0.367	7.093	17.969	19.319	75	20.000	20.000	75.600	19.319	5.176	19.319	0.105	100.00
11125.00	76.80	201.54	10774.72	736.88	-685.42	270.55			2077061.6	11836157.3	1.20	1.80	0.367	7.131	18.066	19.423	76.2	20.000	20.000	76.800	19.423	4.771	19.423	0.105	100.00
11145.00	78.00	201.54	10779.08	756.40	-703.58	277.71			2077068.8	11836139.1	1.20	1.80	0.367	7.166	18.155	19.518	77.4	20.000	20.000	78.000	19.518	4.363	19.518	0.105	100.00
11165.00	79.20	201.54	10783.03	776.01	-721.81	284.91			2077076.0	11836120.9	1.20	1.80	0.367	7.198	18.236	19.605	78.6	20.000	20.000	79.200	19.605	3.953	19.605	0.105	100.00
11185.00	80.40	201.54	10786.57	795.69	-740.12	292.14			2077083.2	11836102.6	1.20	1.80	0.367	7.227	18.309	19.684	79.8	20.000	20.000	80.400	19.684	3.542	19.684	0.105	100.00
11205.00	81.60	201.54	10789.70	815.45	-758.50	299.39			2077090.4	11836084.2	1.20	1.80	0.367	7.253	18.374	19.754	81	20.000	20.000	81.600	19.754	3.129	19.754	0.105	100.00
11225.00	82.80	201.54	10792.42	835.26	-776.93	306.67			2077097.7	11836065.8	1.20	1.80	0.367	7.275	18.431	19.815	82.2	20.000	20.000	82.800	19.815	2.714	19.815	0.105	100.00
11245.00	84.00	201.54	10794.72	855.13	-795.41	313.96			2077105.0	11836047.3	1.20	1.80	0.367	7.294	18.480	19.867	83.4	20.000	20.000	84.000	19.867	2.299	19.867	0.105	100.00
11265.00	85.20	201.54	10796.60	875.04	-813.93	321.27			2077112.3	11836028.8	1.20	1.80	0.367	7.310	18.521	19.911	84.6	20.000	20.000	85.200	19.911	1.882	19.911	0.105	100.00
11285.00	86.40	201.54	10798.06	894.99	-832.48	328.59			2077119.6	11836010.2	1.20	1.80	0.367	7.323	18.553	19.946	85.8	20.000	20.000	86.400	19.946	1.465	19.946	0.105	100.00
11305.00	87.60	201.54	10799.11	914.96	-851.06	335.93			2077127.0	11835991.6	1.20	1.80	0.367	7.333	18.578	19.973	87	20.000	20.000	87.600	19.973	1.047	19.973	0.105	100.00
11325.00	88.80	201.54	10799.74	934.95	-869.65	343.27			2077134.3	11835973.0	1.20	1.80	0.367	7.339	18.594	19.990	88.2	20.000	20.000	88.800	19.990	0.628	19.990	0.105	100.00
11345.00	89.60	201.54	10800.02	954.95	-888.25	350.61			2077141.6	11835954.4	0.80	1.20	0.367	7.342	18.601	19.998	89.2	20.000	20.000	89.600	19.998	0.279	19.998	0.105	100.00
11365.00	89.60	201.54	10800.16	974.95	-906.86	357.95			2077149.0	11835935.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11385.00	89.60	201.54	10800.30	994.95	-925.46	365.29			2077156.3	11835917.2	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11405.00	89.60	201.54	10800.44	1014.94	-944.06	372.64			2077163.7	11835898.6	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11425.00	89.60	201.54	10800.58	1034.94	-962.67	379.98			2077171.0	11835880.0	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11445.00	89.60	201.54	10800.72	1054.94	-981.27	387.32			2077178.4	11835861.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11465.00	89.60	201.54	10800.85	1074.94	-999.87	394.67			2077185.7	11835842.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11485.00	89.60	201.54	10800.99	1094.94	-1018.47	402.01			2077193.0	11835824.2	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11505.00	89.60	201.54	10801.13	1114.94	-1037.08	409.35			2077200.4	11835805.6	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11525.00	89.60	201.54	10801.27	1134.94	-1055.68	416.69			2077207.7	11835787.0	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11545.00	89.60	201.54	10801.41	1154.94	-1074.28	424.04			2077215.1	11835768.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11565.00	89.60	201.54	10801.55	1174.94	-1092.88	431.38			2077222.4	11835749.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11585.00	89.60	201.54	10801.69	1194.94	-1111.49	438.72			2077229.8	11835731.2	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11605.00	89.60	201.54	10801.83	1214.94	-1130.09	446.07			2077237.1	11835712.6	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11625.00	89.60	201.54	10801.97	1234.94	-1148.69	453.41			2077244.4	11835694.0	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11645.00	89.60	201.54	10802.11	1254.94	-1167.30	460.75			2077251.8	11835675.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11665.00	89.60	201.54	10802.25	1274.94	-1185.90	468.09			2077259.1	11835656.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11685.00	89.60	201.54	10802.39	1294.94	-1204.50	475.44			2077266.5	11835638.2	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11705.00	89.60	201.54	10802.53	1314.94	-1223.10	482.78			2077273.8	11835619.6	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11725.00	89.60	201.54	10802.67	1334.94	-1241.71	490.12			2077281.2	11835601.0	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11745.00	89.60	201.54	10802.81	1354.94	-1260.31	497.47			2077288.5	11835582.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11765.00	89.60	201.54	10802.95	1374.94	-1278.91	504.81			2077295.8	11835563.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11785.00	89.60	201.54	10803.09	1394.94	-1297.52	512.15			2077303.2	11835545.2	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
11805.00	89.60	201.54	10803.23	1414.94	-1316.12	519.49			2077310.5	11835526.6	0.00	0.00	0.367	7.343	18.603	20.000	89								

12165.00	89.60	201.54	10805.74	1774.93	-1650.97	651.67			2077442.7	11835191.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12185.00	89.60	201.54	10805.88	1794.93	-1669.57	659.01			2077450.0	11835173.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12205.00	89.60	201.54	10806.02	1814.93	-1688.17	666.35			2077457.4	11835154.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12225.00	89.60	201.54	10806.16	1834.92	-1706.78	673.69			2077464.7	11835135.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12245.00	89.60	201.54	10806.30	1854.92	-1725.38	681.04			2077472.1	11835117.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12265.00	89.60	201.54	10806.44	1874.92	-1743.98	688.38			2077479.4	11835098.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12285.00	89.60	201.54	10806.58	1894.92	-1762.58	695.72			2077486.8	11835080.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12305.00	89.60	201.54	10806.72	1914.92	-1781.19	703.07			2077494.1	11835061.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12325.00	89.60	201.54	10806.86	1934.92	-1799.79	710.41			2077501.4	11835042.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12345.00	89.60	201.54	10807.00	1954.92	-1818.39	717.75			2077508.8	11835024.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12365.00	89.60	201.54	10807.14	1974.92	-1837.00	725.09			2077516.1	11835005.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12385.00	89.60	201.54	10807.28	1994.92	-1855.60	732.44			2077523.5	11834987.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12405.00	89.60	201.54	10807.42	2014.92	-1874.20	739.78			2077530.8	11834968.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12425.00	89.60	201.54	10807.56	2034.92	-1892.80	747.12			2077538.2	11834949.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12445.00	89.60	201.54	10807.70	2054.92	-1911.41	754.47			2077545.5	11834931.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12465.00	89.60	201.54	10807.84	2074.92	-1930.01	761.81			2077552.8	11834912.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12485.00	89.60	201.54	10807.98	2094.92	-1948.61	769.15			2077560.2	11834894.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12505.00	89.60	201.54	10808.12	2114.92	-1967.22	776.49			2077567.5	11834875.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12525.00	89.60	201.54	10808.25	2134.92	-1985.82	783.84			2077574.9	11834856.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12545.00	89.60	201.54	10808.39	2154.92	-2004.42	791.18			2077582.2	11834838.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12565.00	89.60	201.54	10808.53	2174.92	-2023.02	798.52			2077589.6	11834819.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12585.00	89.60	201.54	10808.67	2194.92	-2041.63	805.86			2077596.9	11834801.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12605.00	89.60	201.54	10808.81	2214.92	-2060.23	813.21			2077604.2	11834782.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12625.00	89.60	201.54	10808.95	2234.92	-2078.83	820.55			2077611.6	11834763.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12645.00	89.60	201.54	10809.09	2254.91	-2097.43	827.89			2077618.9	11834745.2	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12665.00	89.60	201.54	10809.23	2274.91	-2116.04	835.24			2077626.3	11834726.6	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12685.00	89.60	201.54	10809.37	2294.91	-2134.64	842.58			2077633.6	11834708.0	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12705.00	89.60	201.54	10809.51	2314.91	-2153.24	849.92			2077641.0	11834689.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12725.00	89.60	201.54	10809.65	2334.91	-2171.85	857.26			2077648.3	11834670.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12745.00	89.60	201.54	10809.79	2354.91	-2190.45	864.61			2077655.6	11834652.2	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12765.00	89.60	201.54	10809.93	2374.91	-2209.05	871.95			2077663.0	11834633.6	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12785.00	89.60	201.54	10810.07	2394.91	-2227.65	879.29			2077670.3	11834615.0	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12805.00	89.60	201.54	10810.21	2414.91	-2246.26	886.64			2077677.7	11834596.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12825.00	89.60	201.54	10810.35	2434.91	-2264.86	893.98			2077685.0	11834577.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12845.00	89.60	201.54	10810.49	2454.91	-2283.46	901.32			2077692.4	11834559.2	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12865.00	89.60	201.54	10810.63	2474.91	-2302.07	908.66			2077699.7	11834540.6	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12885.00	89.60	201.54	10810.77	2494.91	-2320.67	916.01			2077707.0	11834522.0	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12905.00	89.60	201.54	10810.91	2514.91	-2339.27	923.35			2077714.4	11834503.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12925.00	89.60	201.54	10811.05	2534.91	-2357.87	930.69			2077721.7	11834484.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12945.00	89.60	201.54	10811.19	2554.91	-2376.48	938.04			2077729.1	11834466.2	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12965.00	89.60	201.54	10811.33	2574.91	-2395.08	945.38			2077736.4	11834447.6	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
12985.00	89.60	201.54	10811.47	2594.91	-2413.68	952.72			2077743.8	11834429.0	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13005.00	89.60	201.54	10811.61	2614.91	-2432.28	960.06			2077751.1	11834410.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13025.00	89.60	201.54	10811.75	2634.91	-2450.89	967.41			2077758.4	11834391.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13045.00	89.60	201.54	10811.89	2654.90	-2469.49	974.75			2077765.8	11834373.2															

13405.00	89.60	201.54	10814.40	3014.90	-2804.34	1106.92			2077898.0	11834038.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13425.00	89.60	201.54	10814.54	3034.90	-2822.94	1114.26			2077905.3	11834019.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13445.00	89.60	201.54	10814.68	3054.90	-2841.55	1121.61			2077912.6	11834001.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13465.00	89.60	201.54	10814.82	3074.89	-2860.15	1128.95			2077920.0	11833982.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13485.00	89.60	201.54	10814.96	3094.89	-2878.75	1136.29			2077927.3	11833963.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13505.00	89.60	201.54	10815.10	3114.89	-2897.35	1143.64			2077934.7	11833945.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13525.00	89.60	201.54	10815.24	3134.89	-2915.96	1150.98			2077942.0	11833926.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13545.00	89.60	201.54	10815.38	3154.89	-2934.56	1158.32			2077949.4	11833908.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13565.00	89.60	201.54	10815.52	3174.89	-2953.16	1165.66			2077956.7	11833889.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13585.00	89.60	201.54	10815.65	3194.89	-2971.77	1173.01			2077964.0	11833870.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13605.00	89.60	201.54	10815.79	3214.89	-2990.37	1180.35			2077971.4	11833852.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13625.00	89.60	201.54	10815.93	3234.89	-3008.97	1187.69			2077978.7	11833833.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13645.00	89.60	201.54	10816.07	3254.89	-3027.57	1195.04			2077986.1	11833815.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13665.00	89.60	201.54	10816.21	3274.89	-3046.18	1202.38			2077993.4	11833796.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13685.00	89.60	201.54	10816.35	3294.89	-3064.78	1209.72			2078000.8	11833777.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13705.00	89.60	201.54	10816.49	3314.89	-3083.38	1217.06			2078008.1	11833759.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13725.00	89.60	201.54	10816.63	3334.89	-3101.98	1224.41			2078015.4	11833740.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13745.00	89.60	201.54	10816.77	3354.89	-3120.59	1231.75			2078022.8	11833722.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13765.00	89.60	201.54	10816.91	3374.89	-3139.19	1239.09			2078030.1	11833703.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13785.00	89.60	201.54	10817.05	3394.89	-3157.79	1246.44			2078037.5	11833684.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13805.00	89.60	201.54	10817.19	3414.89	-3176.40	1253.78			2078044.8	11833666.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13825.00	89.60	201.54	10817.33	3434.89	-3195.00	1261.12			2078052.2	11833647.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13845.00	89.60	201.54	10817.47	3454.89	-3213.60	1268.46			2078059.5	11833629.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13865.00	89.60	201.54	10817.61	3474.88	-3232.20	1275.81			2078066.8	11833610.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13885.00	89.60	201.54	10817.75	3494.88	-3250.81	1283.15			2078074.2	11833591.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13905.00	89.60	201.54	10817.89	3514.88	-3269.41	1290.49			2078081.5	11833573.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13925.00	89.60	201.54	10818.03	3534.88	-3288.01	1297.83			2078088.9	11833554.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13945.00	89.60	201.54	10818.17	3554.88	-3306.62	1305.18			2078096.2	11833536.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13965.00	89.60	201.54	10818.31	3574.88	-3325.22	1312.52			2078103.6	11833517.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
13985.00	89.60	201.54	10818.45	3594.88	-3343.82	1319.86			2078110.9	11833498.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14005.00	89.60	201.54	10818.59	3614.88	-3362.42	1327.21			2078118.2	11833480.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14025.00	89.60	201.54	10818.73	3634.88	-3381.03	1334.55			2078125.6	11833461.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14045.00	89.60	201.54	10818.87	3654.88	-3399.63	1341.89			2078132.9	11833443.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14065.00	89.60	201.54	10819.01	3674.88	-3418.23	1349.23			2078140.3	11833424.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14085.00	89.60	201.54	10819.15	3694.88	-3436.83	1356.58			2078147.6	11833405.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14105.00	89.60	201.54	10819.29	3714.88	-3455.44	1363.92			2078155.0	11833387.2	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14125.00	89.60	201.54	10819.42	3734.88	-3474.04	1371.26			2078162.3	11833368.6	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14145.00	89.60	201.54	10819.56	3754.88	-3492.64	1378.61			2078169.6	11833350.0	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14165.00	89.60	201.54	10819.70	3774.88	-3511.25	1385.95			2078177.0	11833331.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14185.00	89.60	201.54	10819.84	3794.88	-3529.85	1393.29			2078184.3	11833312.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14205.00	89.60	201.54	10819.98	3814.88	-3548.45	1400.63			2078191.7	11833294.2	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14225.00	89.60	201.54	10820.12	3834.88	-3567.05	1407.98			2078199.0	11833275.6	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14245.00	89.60	201.54	10820.26	3854.88	-3585.66	1415.32			2078206.4	11833257.0	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14265.00	89.60	201.54	10820.40	3874.88	-3604.26	1422.66			2078213.7	11833238.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.0
14285.00	89.60	201.54	10820.54	3894.87	-3622.86	1430																			

14645.00	89.60	201.54	10823.06	4254.87	-3957.71	1562.18			2078353.2	11832885.0	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14665.00	89.60	201.54	10823.19	4274.87	-3976.32	1569.52			2078360.6	11832866.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14685.00	89.60	201.54	10823.33	4294.86	-3994.92	1576.86			2078367.9	11832847.8	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14705.00	89.60	201.54	10823.47	4314.86	-4013.52	1584.21			2078375.2	11832829.2	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14725.00	89.60	201.54	10823.61	4334.86	-4032.12	1591.55			2078382.6	11832810.6	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14745.00	89.60	201.54	10823.75	4354.86	-4050.73	1598.89			2078389.9	11832792.0	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14765.00	89.60	201.54	10823.89	4374.86	-4069.33	1606.23			2078397.3	11832773.4	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14785.00	89.60	201.54	10824.03	4394.86	-4087.93	1613.58			2078404.6	11832754.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14805.00	89.60	201.54	10824.17	4414.86	-4106.53	1620.92			2078412.0	11832736.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14825.00	89.60	201.54	10824.31	4434.86	-4125.14	1628.26			2078419.3	11832717.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14845.00	89.60	201.54	10824.45	4454.86	-4143.74	1635.61			2078426.6	11832698.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14865.00	89.60	201.54	10824.59	4474.86	-4162.34	1642.95			2078434.0	11832680.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14885.00	89.60	201.54	10824.73	4494.86	-4180.95	1650.29			2078441.3	11832661.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14905.00	89.60	201.54	10824.87	4514.86	-4199.55	1657.63			2078448.7	11832643.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14925.00	89.60	201.54	10825.01	4534.86	-4218.15	1664.98			2078456.0	11832624.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14945.00	89.60	201.54	10825.15	4554.86	-4236.75	1672.32			2078463.4	11832605.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14965.00	89.60	201.54	10825.29	4574.86	-4255.36	1679.66			2078470.7	11832587.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
14985.00	89.60	201.54	10825.43	4594.86	-4273.96	1687.01			2078478.0	11832568.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15005.00	89.60	201.54	10825.57	4614.86	-4292.56	1694.35			2078485.4	11832550.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15025.00	89.60	201.54	10825.71	4634.86	-4311.17	1701.69			2078492.7	11832531.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15045.00	89.60	201.54	10825.85	4654.86	-4329.77	1709.03			2078500.1	11832512.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15065.00	89.60	201.54	10825.99	4674.86	-4348.37	1716.38			2078507.4	11832494.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15085.00	89.60	201.54	10826.13	4694.86	-4366.97	1723.72			2078514.8	11832475.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15105.00	89.60	201.54	10826.27	4714.85	-4385.58	1731.06			2078522.1	11832457.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15125.00	89.60	201.54	10826.41	4734.85	-4404.18	1738.40			2078529.4	11832438.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15145.00	89.60	201.54	10826.55	4754.85	-4422.78	1745.75			2078536.8	11832419.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15165.00	89.60	201.54	10826.69	4774.85	-4441.38	1753.09			2078544.1	11832401.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15185.00	89.60	201.54	10826.82	4794.85	-4459.99	1760.43			2078551.5	11832382.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15205.00	89.60	201.54	10826.96	4814.85	-4478.59	1767.78			2078558.8	11832364.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15225.00	89.60	201.54	10827.10	4834.85	-4497.19	1775.12			2078566.2	11832345.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15245.00	89.60	201.54	10827.24	4854.85	-4515.80	1782.46			2078573.5	11832326.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15265.00	89.60	201.54	10827.38	4874.85	-4534.40	1789.80			2078580.8	11832308.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15285.00	89.60	201.54	10827.52	4894.85	-4553.00	1797.15			2078588.2	11832289.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15305.00	89.60	201.54	10827.66	4914.85	-4571.60	1804.49			2078595.5	11832271.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15325.00	89.60	201.54	10827.80	4934.85	-4590.21	1811.83			2078602.9	11832252.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15345.00	89.60	201.54	10827.94	4954.85	-4608.81	1819.18			2078610.2	11832233.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15365.00	89.60	201.54	10828.08	4974.85	-4627.41	1826.52			2078617.6	11832215.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15377.00	89.60	201.54	10828.17	4986.85	-4638.57	1830.92			2078622.0	11832204.1	0.00	0.00	0.367	4.406	11.162	12.000	89.6	12.000	12.000	89.600	12.000	0.084	12.000	0.105	100.00
15397.00	89.60	201.54	10828.30	5006.85	-4657.18	1838.27			2078629.3	11832185.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15417.00	89.60	201.54	10828.44	5026.85	-4675.78	1845.61			2078636.7	11832166.9	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15437.00	89.60	201.54	10828.58	5046.85	-4694.38	1852.95			2078644.0	11832148.3	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15457.00	89.60	201.54	10828.72	5066.85	-4712.98	1860.30			2078651.3	11832129.7	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15477.00	89.60	201.54	10828.86	5086.85	-4731.59	1867.64			2078658.7	11832111.1	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15497.00	89.60	201.54	10829.00	5106.85	-4750.19	1874.98			2078666.0	11832092.5	0.00	0.00	0.367	7.343	18.603	20.000	89.6	20.000	20.000	89.600	20.000	0.140	20.000	0.105	100.00
15517.00	89.60	201.54																							