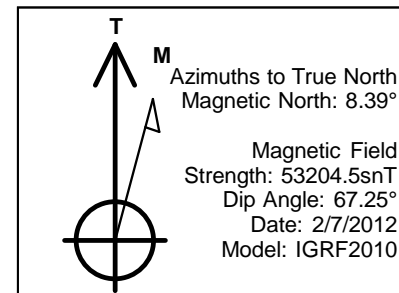


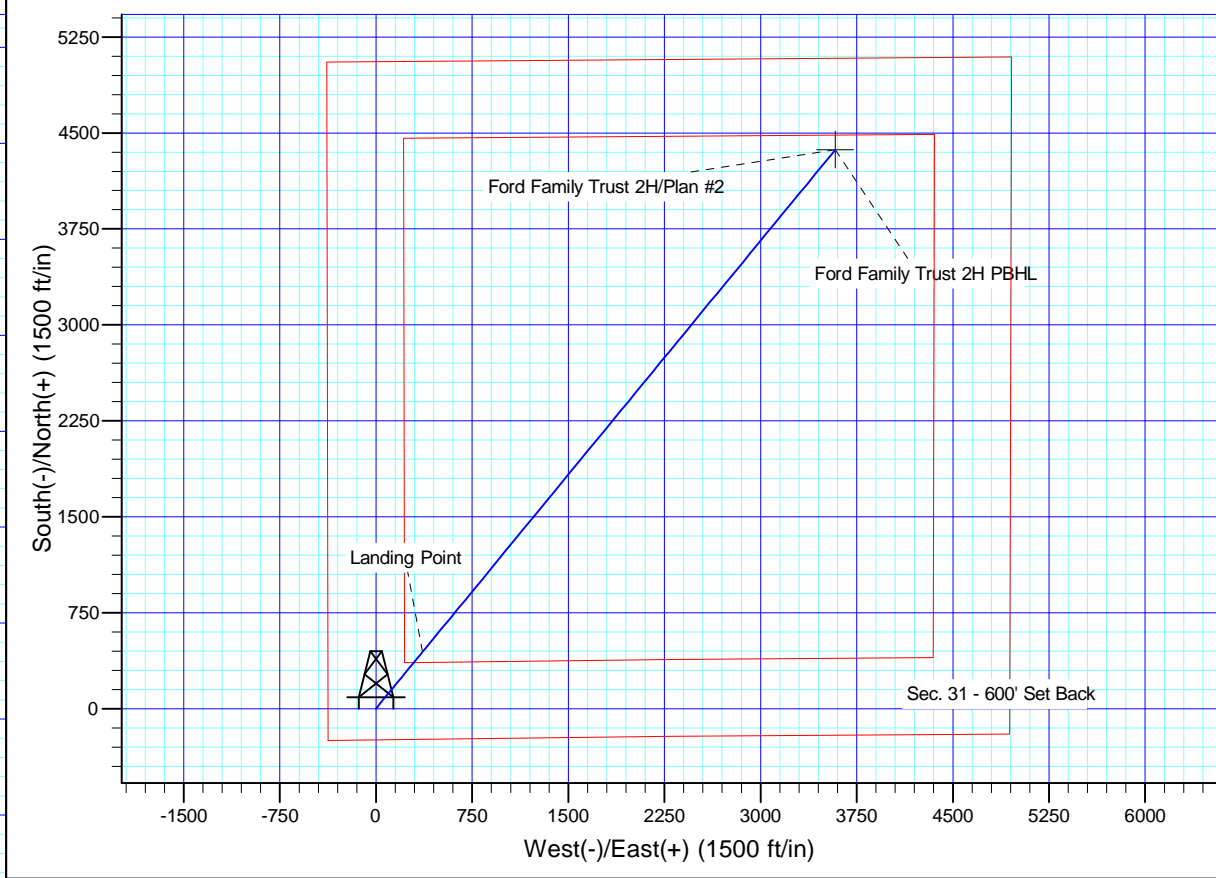
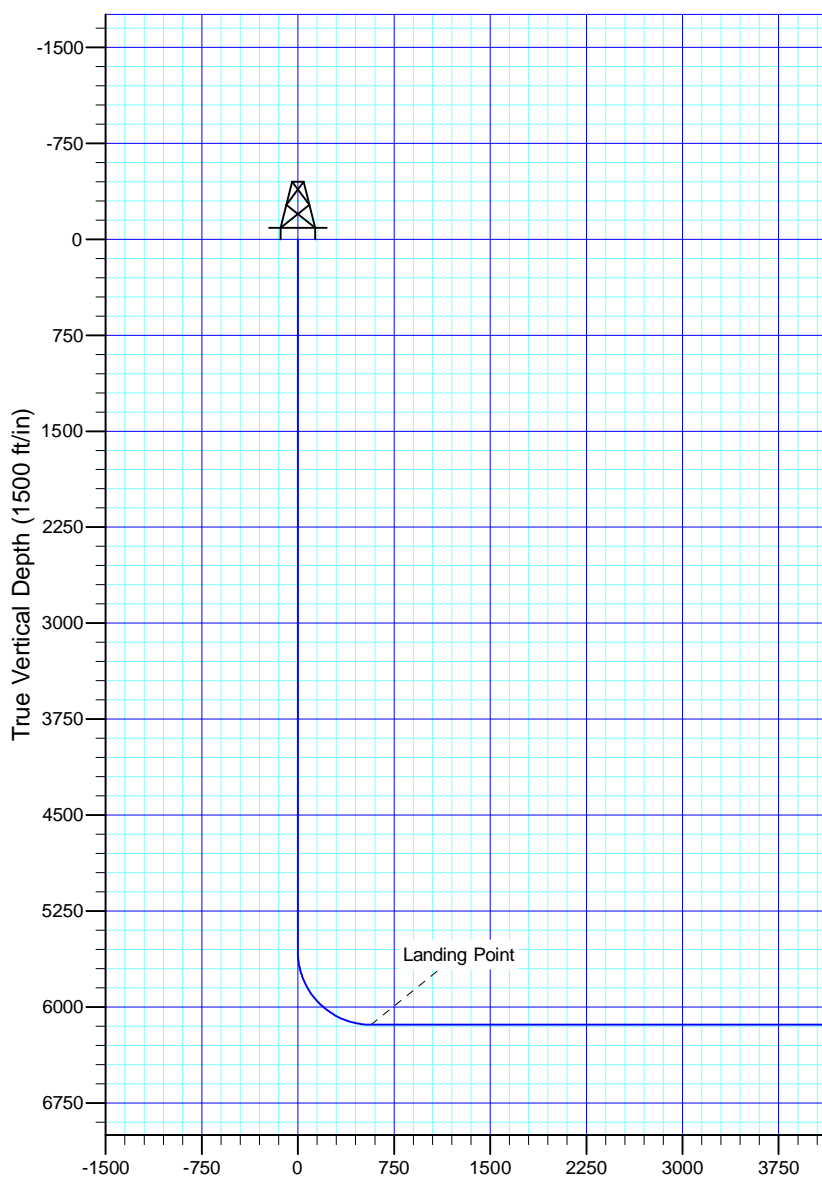


Project: Weld County, CO NAD83
 Site: Ford Family Trust 2H Pad
 Well: Ford Family Trust 2H
 Wellbore: OH
 Design: Plan #2



WELL DETAILS: Ford Family Trust 2H

+N/-S	+E/-W	Northing	Ground Level: Easting	4923.00 Latitude	Longitude	Slot
0.01	0.00	1437517.18	3408360.83	40.52510000	-104.03099000	



Plan: Plan #2 (Ford Family Trust 2H/OH)

Created By: Rex Hall Date: 16:58, February 08 2012

PROJECT DETAILS: Weld County, CO NAD83

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Northern Zone

System Datum: Mean Sea Level

Condor Energy

**Weld County, CO NAD83
Ford Family Trust 2H Pad
Ford Family Trust 2H**

OH

Plan: Plan #2

Standard Planning Report

08 February, 2012

Scientific Drilling

Planning Report

Database:	Rockies Compass Server	Local Co-ordinate Reference:	Well Ford Family Trust 2H
Company:	Condor Energy	TVD Reference:	GL 4923' @ 4923.00ft (Ground Level)
Project:	Weld County, CO NAD83	MD Reference:	GL 4923' @ 4923.00ft (Ground Level)
Site:	Ford Family Trust 2H Pad	North Reference:	True
Well:	Ford Family Trust 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

Project Weld County, CO NAD83			
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 Ford Family Trust 2H Pad			
Site Position:		Northing:	1,437,517.18 usft
From:	Lat/Long	Easting:	3,408,360.82 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in
		Latitude:	40.52510000
		Longitude:	-104.03099000
		Grid Convergence:	0.95 °

Well Ford Family Trust 2H, 250' FSL & 375' FWL Sec. 31 T7N R59W			
Well Position	+N/-S	0.00 ft	Northing:
	+E/-W	0.00 ft	1,437,517.18 usft
			Latitude:
			40.52509999
			Longitude:
			-104.03099000
Position Uncertainty		0.00 ft	Wellhead Elevation:
			Ground Level:
			4,923.00 ft

Wellbore OH					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/7/2012	8.39	67.25	53,204

Design Plan #2				
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.01	0.00	39.36

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
0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	
5,567.04	0.00	0.00	5,567.04	0.01	0.00	0.00	0.00	0.00	0.00	
6,467.04	90.00	39.36	6,140.00	443.02	363.34	10.00	10.00	4.37	39.36	
11,543.89	90.00	39.36	6,140.00	4,368.47	3,582.86	0.00	0.00	0.00	0.00	Ford Family Trust 2H

Scientific Drilling

Planning Report

Database:	Rockies Compass Server	Local Co-ordinate Reference:	Well Ford Family Trust 2H
Company:	Condor Energy	TVD Reference:	GL 4923' @ 4923.00ft (Ground Level)
Project:	Weld County, CO NAD83	MD Reference:	GL 4923' @ 4923.00ft (Ground Level)
Site:	Ford Family Trust 2H Pad	North Reference:	True
Well:	Ford Family Trust 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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)	
0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.01	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.01	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.01	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.01	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.01	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.01	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.01	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.01	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.01	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.01	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.01	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.01	0.00	0.00	0.00	0.00	0.00	
1,300.00	0.00	0.00	1,300.00	0.01	0.00	0.00	0.00	0.00	0.00	
1,400.00	0.00	0.00	1,400.00	0.01	0.00	0.00	0.00	0.00	0.00	
1,500.00	0.00	0.00	1,500.00	0.01	0.00	0.00	0.00	0.00	0.00	
1,600.00	0.00	0.00	1,600.00	0.01	0.00	0.00	0.00	0.00	0.00	
1,700.00	0.00	0.00	1,700.00	0.01	0.00	0.00	0.00	0.00	0.00	
1,800.00	0.00	0.00	1,800.00	0.01	0.00	0.00	0.00	0.00	0.00	
1,900.00	0.00	0.00	1,900.00	0.01	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.01	0.00	0.00	0.00	0.00	0.00	
2,100.00	0.00	0.00	2,100.00	0.01	0.00	0.00	0.00	0.00	0.00	
2,200.00	0.00	0.00	2,200.00	0.01	0.00	0.00	0.00	0.00	0.00	
2,300.00	0.00	0.00	2,300.00	0.01	0.00	0.00	0.00	0.00	0.00	
2,400.00	0.00	0.00	2,400.00	0.01	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.01	0.00	0.00	0.00	0.00	0.00	
2,600.00	0.00	0.00	2,600.00	0.01	0.00	0.00	0.00	0.00	0.00	
2,700.00	0.00	0.00	2,700.00	0.01	0.00	0.00	0.00	0.00	0.00	
2,800.00	0.00	0.00	2,800.00	0.01	0.00	0.00	0.00	0.00	0.00	
2,900.00	0.00	0.00	2,900.00	0.01	0.00	0.00	0.00	0.00	0.00	
3,000.00	0.00	0.00	3,000.00	0.01	0.00	0.00	0.00	0.00	0.00	
3,100.00	0.00	0.00	3,100.00	0.01	0.00	0.00	0.00	0.00	0.00	
3,200.00	0.00	0.00	3,200.00	0.01	0.00	0.00	0.00	0.00	0.00	
3,300.00	0.00	0.00	3,300.00	0.01	0.00	0.00	0.00	0.00	0.00	
3,400.00	0.00	0.00	3,400.00	0.01	0.00	0.00	0.00	0.00	0.00	
3,500.00	0.00	0.00	3,500.00	0.01	0.00	0.00	0.00	0.00	0.00	
3,600.00	0.00	0.00	3,600.00	0.01	0.00	0.00	0.00	0.00	0.00	
3,700.00	0.00	0.00	3,700.00	0.01	0.00	0.00	0.00	0.00	0.00	
3,800.00	0.00	0.00	3,800.00	0.01	0.00	0.00	0.00	0.00	0.00	
3,900.00	0.00	0.00	3,900.00	0.01	0.00	0.00	0.00	0.00	0.00	
4,000.00	0.00	0.00	4,000.00	0.01	0.00	0.00	0.00	0.00	0.00	
4,100.00	0.00	0.00	4,100.00	0.01	0.00	0.00	0.00	0.00	0.00	
4,200.00	0.00	0.00	4,200.00	0.01	0.00	0.00	0.00	0.00	0.00	
4,300.00	0.00	0.00	4,300.00	0.01	0.00	0.00	0.00	0.00	0.00	
4,400.00	0.00	0.00	4,400.00	0.01	0.00	0.00	0.00	0.00	0.00	
4,500.00	0.00	0.00	4,500.00	0.01	0.00	0.00	0.00	0.00	0.00	
4,600.00	0.00	0.00	4,600.00	0.01	0.00	0.00	0.00	0.00	0.00	
4,700.00	0.00	0.00	4,700.00	0.01	0.00	0.00	0.00	0.00	0.00	
4,800.00	0.00	0.00	4,800.00	0.01	0.00	0.00	0.00	0.00	0.00	
4,900.00	0.00	0.00	4,900.00	0.01	0.00	0.00	0.00	0.00	0.00	
5,000.00	0.00	0.00	5,000.00	0.01	0.00	0.00	0.00	0.00	0.00	
5,100.00	0.00	0.00	5,100.00	0.01	0.00	0.00	0.00	0.00	0.00	
5,200.00	0.00	0.00	5,200.00	0.01	0.00	0.00	0.00	0.00	0.00	
5,300.00	0.00	0.00	5,300.00	0.01	0.00	0.00	0.00	0.00	0.00	
5,400.00	0.00	0.00	5,400.00	0.01	0.00	0.00	0.00	0.00	0.00	

Scientific Drilling

Planning Report

Database:	Rockies Compass Server	Local Co-ordinate Reference:	Well Ford Family Trust 2H
Company:	Condor Energy	TVD Reference:	GL 4923' @ 4923.00ft (Ground Level)
Project:	Weld County, CO NAD83	MD Reference:	GL 4923' @ 4923.00ft (Ground Level)
Site:	Ford Family Trust 2H Pad	North Reference:	True
Well:	Ford Family Trust 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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)	
5,500.00	0.00	0.00	5,500.00	0.01	0.00	0.00	0.00	0.00	0.00	
5,567.04	0.00	0.00	5,567.04	0.01	0.00	0.00	0.00	0.00	0.00	
5,600.00	3.30	39.36	5,599.98	0.74	0.60	0.95	10.00	10.00	0.00	
5,700.00	13.30	39.36	5,698.81	11.88	9.74	15.36	10.00	10.00	0.00	
5,800.00	23.30	39.36	5,793.63	36.12	29.62	46.71	10.00	10.00	0.00	
5,900.00	33.30	39.36	5,881.57	72.73	59.64	94.05	10.00	10.00	0.00	
5,933.47	36.64	39.36	5,909.00	87.56	71.81	113.24	10.00	10.00	0.00	
Sharon Springs										
6,000.00	43.30	39.36	5,959.96	120.59	98.90	155.95	10.00	10.00	0.00	
6,079.73	51.27	39.36	6,014.00	165.84	136.01	214.48	10.00	10.00	0.00	
Niobrara Top										
6,100.00	53.30	39.36	6,026.40	178.24	146.18	230.51	10.00	10.00	0.00	
6,200.00	63.30	39.36	6,078.89	243.94	200.06	315.48	10.00	10.00	0.00	
6,300.00	73.30	39.36	6,115.82	315.69	258.91	408.27	10.00	10.00	0.00	
6,323.05	75.60	39.36	6,122.00	332.86	272.99	430.48	10.00	10.00	0.00	
B Bench										
6,400.00	83.30	39.36	6,136.08	391.30	320.93	506.07	10.00	10.00	0.00	
6,467.04	90.00	39.36	6,140.00	443.02	363.34	572.96	10.00	10.00	0.00	
Landing Point										
6,500.00	90.00	39.36	6,140.00	468.51	384.25	605.92	0.00	0.00	0.00	
6,600.00	90.00	39.36	6,140.00	545.83	447.66	705.92	0.00	0.00	0.00	
6,700.00	90.00	39.36	6,140.00	623.15	511.08	805.92	0.00	0.00	0.00	
6,800.00	90.00	39.36	6,140.00	700.47	574.49	905.92	0.00	0.00	0.00	
6,900.00	90.00	39.36	6,140.00	777.79	637.91	1,005.92	0.00	0.00	0.00	
7,000.00	90.00	39.36	6,140.00	855.11	701.32	1,105.92	0.00	0.00	0.00	
7,100.00	90.00	39.36	6,140.00	932.43	764.74	1,205.92	0.00	0.00	0.00	
7,200.00	90.00	39.36	6,140.00	1,009.75	828.16	1,305.92	0.00	0.00	0.00	
7,300.00	90.00	39.36	6,140.00	1,087.07	891.57	1,405.92	0.00	0.00	0.00	
7,400.00	90.00	39.36	6,140.00	1,164.39	954.99	1,505.92	0.00	0.00	0.00	
7,500.00	90.00	39.36	6,140.00	1,241.71	1,018.40	1,605.92	0.00	0.00	0.00	
7,600.00	90.00	39.36	6,140.00	1,319.03	1,081.82	1,705.92	0.00	0.00	0.00	
7,700.00	90.00	39.36	6,140.00	1,396.35	1,145.23	1,805.92	0.00	0.00	0.00	
7,800.00	90.00	39.36	6,140.00	1,473.67	1,208.65	1,905.92	0.00	0.00	0.00	
7,900.00	90.00	39.36	6,140.00	1,550.99	1,272.06	2,005.92	0.00	0.00	0.00	
8,000.00	90.00	39.36	6,140.00	1,628.31	1,335.48	2,105.92	0.00	0.00	0.00	
8,100.00	90.00	39.36	6,140.00	1,705.63	1,398.90	2,205.92	0.00	0.00	0.00	
8,200.00	90.00	39.36	6,140.00	1,782.95	1,462.31	2,305.92	0.00	0.00	0.00	
8,300.00	90.00	39.36	6,140.00	1,860.27	1,525.73	2,405.92	0.00	0.00	0.00	
8,400.00	90.00	39.36	6,140.00	1,937.60	1,589.14	2,505.92	0.00	0.00	0.00	
8,500.00	90.00	39.36	6,140.00	2,014.92	1,652.56	2,605.92	0.00	0.00	0.00	
8,600.00	90.00	39.36	6,140.00	2,092.24	1,715.97	2,705.92	0.00	0.00	0.00	
8,700.00	90.00	39.36	6,140.00	2,169.56	1,779.39	2,805.92	0.00	0.00	0.00	
8,800.00	90.00	39.36	6,140.00	2,246.88	1,842.81	2,905.92	0.00	0.00	0.00	
8,900.00	90.00	39.36	6,140.00	2,324.20	1,906.22	3,005.92	0.00	0.00	0.00	
9,000.00	90.00	39.36	6,140.00	2,401.52	1,969.64	3,105.92	0.00	0.00	0.00	
9,100.00	90.00	39.36	6,140.00	2,478.84	2,033.05	3,205.92	0.00	0.00	0.00	
9,200.00	90.00	39.36	6,140.00	2,556.16	2,096.47	3,305.92	0.00	0.00	0.00	
9,300.00	90.00	39.36	6,140.00	2,633.48	2,159.88	3,405.92	0.00	0.00	0.00	
9,400.00	90.00	39.36	6,140.00	2,710.80	2,223.30	3,505.92	0.00	0.00	0.00	
9,500.00	90.00	39.36	6,140.00	2,788.12	2,286.71	3,605.92	0.00	0.00	0.00	
9,600.00	90.00	39.36	6,140.00	2,865.44	2,350.13	3,705.92	0.00	0.00	0.00	
9,700.00	90.00	39.36	6,140.00	2,942.76	2,413.55	3,805.92	0.00	0.00	0.00	
9,800.00	90.00	39.36	6,140.00	3,020.08	2,476.96	3,905.92	0.00	0.00	0.00	
9,900.00	90.00	39.36	6,140.00	3,097.40	2,540.38	4,005.92	0.00	0.00	0.00	
10,000.00	90.00	39.36	6,140.00	3,174.72	2,603.79	4,105.92	0.00	0.00	0.00	

Scientific Drilling Planning Report

Database:	Rockies Compass Server	Local Co-ordinate Reference:	Well Ford Family Trust 2H
Company:	Condor Energy	TVD Reference:	GL 4923' @ 4923.00ft (Ground Level)
Project:	Weld County, CO NAD83	MD Reference:	GL 4923' @ 4923.00ft (Ground Level)
Site:	Ford Family Trust 2H Pad	North Reference:	True
Well:	Ford Family Trust 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

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)	
10,100.00	90.00	39.36	6,140.00	3,252.04	2,667.21	4,205.92	0.00	0.00	0.00	
10,200.00	90.00	39.36	6,140.00	3,329.36	2,730.62	4,305.92	0.00	0.00	0.00	
10,300.00	90.00	39.36	6,140.00	3,406.69	2,794.04	4,405.92	0.00	0.00	0.00	
10,400.00	90.00	39.36	6,140.00	3,484.01	2,857.45	4,505.92	0.00	0.00	0.00	
10,500.00	90.00	39.36	6,140.00	3,561.33	2,920.87	4,605.92	0.00	0.00	0.00	
10,600.00	90.00	39.36	6,140.00	3,638.65	2,984.29	4,705.92	0.00	0.00	0.00	
10,700.00	90.00	39.36	6,140.00	3,715.97	3,047.70	4,805.92	0.00	0.00	0.00	
10,800.00	90.00	39.36	6,140.00	3,793.29	3,111.12	4,905.92	0.00	0.00	0.00	
10,900.00	90.00	39.36	6,140.00	3,870.61	3,174.53	5,005.92	0.00	0.00	0.00	
11,000.00	90.00	39.36	6,140.00	3,947.93	3,237.95	5,105.92	0.00	0.00	0.00	
11,100.00	90.00	39.36	6,140.00	4,025.25	3,301.36	5,205.92	0.00	0.00	0.00	
11,200.00	90.00	39.36	6,140.00	4,102.57	3,364.78	5,305.92	0.00	0.00	0.00	
11,300.00	90.00	39.36	6,140.00	4,179.89	3,428.19	5,405.92	0.00	0.00	0.00	
11,400.00	90.00	39.36	6,140.00	4,257.21	3,491.61	5,505.92	0.00	0.00	0.00	
11,500.00	90.00	39.36	6,140.00	4,334.53	3,555.03	5,605.92	0.00	0.00	0.00	
11,543.89	90.00	39.36	6,140.00	4,368.47	3,582.86	5,649.81	0.00	0.00	0.00	

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Ford Family Trust 2H PE - hit/miss target - Shape - Point	0.00	0.00	6,140.00	4,368.47	3,582.86	1,441,944.24	3,411,870.71	40.53708999	-104.01810000

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
5,933.47	5,909.00	Sharon Springs		0.00		
6,079.73	6,014.00	Niobrara Top		0.00		
6,323.05	6,122.00	B Bench		0.00		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
6,467.04	6,140.00	443.01	363.34	Landing Point