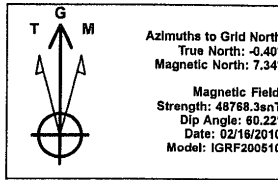




Project: Lea County  
 Site: Golden Eye "18" Fed Com  
 Well: #1H  
 Wellbore: OH  
 Plan: Plan #1 (#1H/OH)



WELL DETAILS: #1H

Ground Elevation: 3576.00  
 RKB Elevation: WELL @ 3593.00ft (18' KB Correction)  
 Rig Name: 18' KB Correction

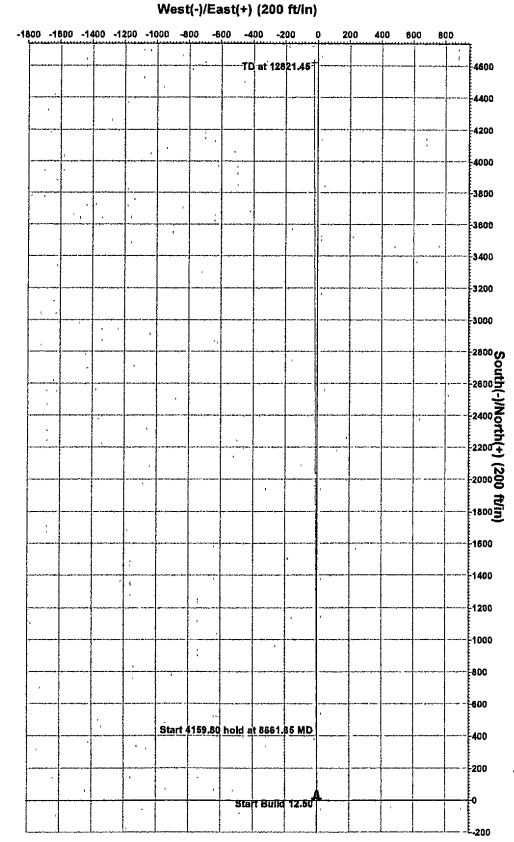
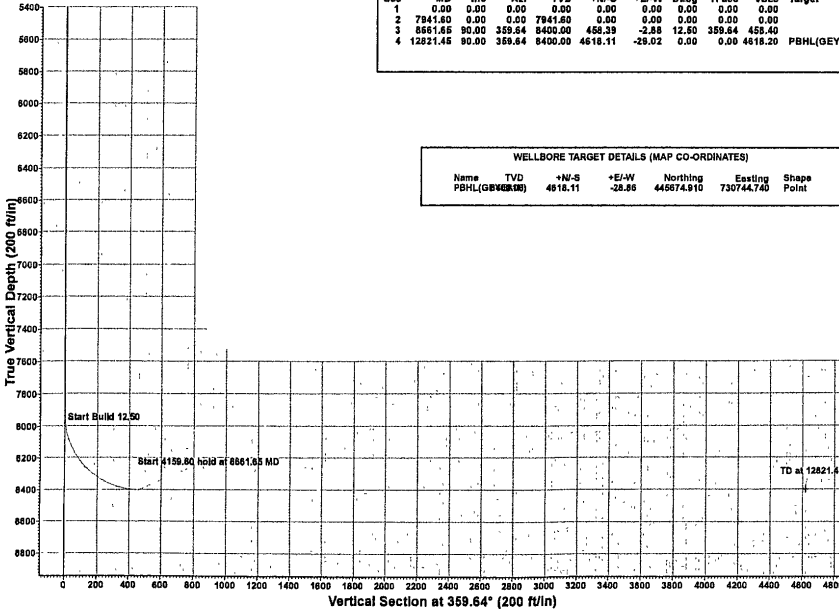
+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	441056.800	730773.800	32° 12' 37.369 N	103° 35' 13.884 W	

SECTION DETAILS

Sec	MD	Inc	Asl	TVD	+N-S	+E-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	7941.80	0.00	0.00	7941.80	0.00	0.00	0.00	0.00	0.00	
3	8651.65	90.00	359.64	8400.00	468.39	-28.86	12.80	359.64	459.40	
4	12821.45	90.00	359.64	8400.00	4618.11	-28.02	0.00	0.00	4618.20	PBHL(QEYE#1H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting	Shape
PBHL(QEYE#1H)	4618.11	-28.86	446574.910	730744.740		Point



30-025-39742

PROJECT DETAILS: Lea County  
 Geodetic System: US State Plane 1927 (Exact solution)  
 Datum: NAD 1927 (NADCON CONUS)  
 Ellipsoid: Clarke 1858  
 Zone: New Mexico East 3001  
 System Datum: Mean Sea Level  
 Local North: Grid

Plan: Plan #1 (#1H/OH)

Created By: Nate Blighem Date: 16:24, February 16 2010  
 Checked: \_\_\_\_\_ Date: \_\_\_\_\_



OGX Resources  
Lea County  
Golden Eye "18" Fed Com  
#1H  
OH

## **OGX Resources**

**Lea County  
Golden Eye "18" Fed Com  
#1H  
OH**

**Plan: Plan #1**

## **Pathfinder X & Y Planning Report**

**16 February, 2010**





**Pathfinder**  
Pathfinder X & Y Planning Report



<b>Company:</b> OGX Resources	<b>Local Co-ordinate Reference:</b> Well #1H
<b>Project:</b> Lea County	<b>TVD Reference:</b> WELL @ 3593.00ft (18' KB Correction)
<b>Site:</b> Golden Eye "18" Fed Com	<b>MD Reference:</b> WELL @ 3593.00ft (18' KB Correction)
<b>Well:</b> #1H	<b>North Reference:</b> Grid
<b>Wellbore:</b> OH	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Design:</b> Plan #1	<b>Database:</b> Midland Database

<b>Project:</b> Lea County	
<b>Map System:</b> US State Plane 1927 (Exact solution)	<b>System Datum:</b> Mean Sea Level
<b>Geo Datum:</b> NAD 1927 (NADCON CONUS)	
<b>Map Zone:</b> New Mexico East 3001	

<b>Site:</b> Golden Eye "18" Fed Com			
<b>Site Position:</b>	<b>Northing:</b> 441,056.800 ft	<b>Latitude:</b> 32° 12' 37.369 N	
<b>From:</b> Map	<b>Easting:</b> 730,773.600 ft	<b>Longitude:</b> 103° 35' 13.884 W	
<b>Position Uncertainty:</b> 0.00 ft	<b>Slot Radius:</b> "	<b>Grid Convergence:</b> 0.40 °	

<b>Well:</b> #1H			
<b>Well Position</b>	<b>+N-S</b> 0.00 ft	<b>Northing:</b> 441,056.800 ft	<b>Latitude:</b> 32° 12' 37.369 N
	<b>+E-W</b> 0.00 ft	<b>Easting:</b> 730,773.600 ft	<b>Longitude:</b> 103° 35' 13.884 W
<b>Position Uncertainty</b>	0.00 ft	<b>Wellhead Elevation:</b> ft	<b>Ground Level:</b> 3,575.00 ft

<b>Wellbore:</b> OH					
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF200510	02/16/2010	(°) 7.74	(°) 60.22	(nT) 48,768

<b>Design:</b> Plan #1			
<b>Audit Notes:</b>			
<b>Version:</b>	<b>Phase:</b> PLAN	<b>Tie On Depth:</b> 0.00	
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N-S</b>	<b>+E-W</b>
	(ft)	(ft)	(ft)
	0.00	0.00	0.00
			<b>Direction</b> (°)
			359.64

<b>Survey Tool Program</b>	<b>Date:</b> 02/16/2010		
<b>From</b>	<b>To</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>
(ft) 0.00	(ft) 12,821.45	Plan #1 (OH)	MWD
			<b>Description</b>
			MWD - Standard



**Pathfinder**  
Pathfinder X & Y Planning Report



**Company:** OGX Resources  
**Project:** Lea County  
**Site:** Golden Eye "18" Fed Com  
**Well:** #1H  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well #1H  
**TVD Reference:** WELL @ 3593.00ft (18' KB Correction)  
**MD Reference:** WELL @ 3593.00ft (18' KB Correction)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Midland Database

**Planned Survey**

MD (ft)	Inc (")	Azi (")	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg ("/100ft)	Northing (ft)	Eastings (ft)
0.00	0.00	0.00	0.00	-3,593.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
100.00	0.00	0.00	100.00	-3,493.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
200.00	0.00	0.00	200.00	-3,393.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
300.00	0.00	0.00	300.00	-3,293.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
400.00	0.00	0.00	400.00	-3,193.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
500.00	0.00	0.00	500.00	-3,093.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
600.00	0.00	0.00	600.00	-2,993.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
700.00	0.00	0.00	700.00	-2,893.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
800.00	0.00	0.00	800.00	-2,793.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
900.00	0.00	0.00	900.00	-2,693.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
1,000.00	0.00	0.00	1,000.00	-2,593.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
1,100.00	0.00	0.00	1,100.00	-2,493.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
1,200.00	0.00	0.00	1,200.00	-2,393.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
1,300.00	0.00	0.00	1,300.00	-2,293.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
1,400.00	0.00	0.00	1,400.00	-2,193.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
1,500.00	0.00	0.00	1,500.00	-2,093.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
1,600.00	0.00	0.00	1,600.00	-1,993.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
1,700.00	0.00	0.00	1,700.00	-1,893.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
1,800.00	0.00	0.00	1,800.00	-1,793.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
1,900.00	0.00	0.00	1,900.00	-1,693.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
2,000.00	0.00	0.00	2,000.00	-1,593.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
2,100.00	0.00	0.00	2,100.00	-1,493.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
2,200.00	0.00	0.00	2,200.00	-1,393.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
2,300.00	0.00	0.00	2,300.00	-1,293.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
2,400.00	0.00	0.00	2,400.00	-1,193.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
2,500.00	0.00	0.00	2,500.00	-1,093.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
2,600.00	0.00	0.00	2,600.00	-993.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60



**Pathfinder**  
Pathfinder X & Y Planning Report



**Company:** OGX Resources  
**Project:** Lea County  
**Site:** Golden Eye "18" Fed Com  
**Well:** #1H  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well #1H  
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**Planned Survey**

MD (ft)	Inc (")	Azi (")	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg ("/100ft)	Northing (ft)	Easting (ft)
2,700.00	0.00	0.00	2,700.00	-893.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
2,800.00	0.00	0.00	2,800.00	-793.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
2,900.00	0.00	0.00	2,900.00	-693.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
3,000.00	0.00	0.00	3,000.00	-593.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
3,100.00	0.00	0.00	3,100.00	-493.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
3,200.00	0.00	0.00	3,200.00	-393.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
3,300.00	0.00	0.00	3,300.00	-293.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
3,400.00	0.00	0.00	3,400.00	-193.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
3,500.00	0.00	0.00	3,500.00	-93.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
3,600.00	0.00	0.00	3,600.00	7.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
3,700.00	0.00	0.00	3,700.00	107.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
3,800.00	0.00	0.00	3,800.00	207.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
3,900.00	0.00	0.00	3,900.00	307.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
4,000.00	0.00	0.00	4,000.00	407.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
4,100.00	0.00	0.00	4,100.00	507.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
4,200.00	0.00	0.00	4,200.00	607.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
4,300.00	0.00	0.00	4,300.00	707.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
4,400.00	0.00	0.00	4,400.00	807.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
4,500.00	0.00	0.00	4,500.00	907.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
4,600.00	0.00	0.00	4,600.00	1,007.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
4,700.00	0.00	0.00	4,700.00	1,107.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
4,800.00	0.00	0.00	4,800.00	1,207.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
4,900.00	0.00	0.00	4,900.00	1,307.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
5,000.00	0.00	0.00	5,000.00	1,407.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
5,100.00	0.00	0.00	5,100.00	1,507.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
5,200.00	0.00	0.00	5,200.00	1,607.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
5,300.00	0.00	0.00	5,300.00	1,707.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60



**Pathfinder**  
Pathfinder X & Y Planning Report



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**Project:** Lea County  
**Site:** Golden Eye "18" Fed Com  
**Well:** #1H  
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**Local Co-ordinate Reference:** Well #1H  
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**Planned Survey**

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
5,400.00	0.00	0.00	5,400.00	1,807.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
5,500.00	0.00	0.00	5,500.00	1,907.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
5,600.00	0.00	0.00	5,600.00	2,007.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
5,700.00	0.00	0.00	5,700.00	2,107.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
5,800.00	0.00	0.00	5,800.00	2,207.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
5,900.00	0.00	0.00	5,900.00	2,307.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
6,000.00	0.00	0.00	6,000.00	2,407.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
6,100.00	0.00	0.00	6,100.00	2,507.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
6,200.00	0.00	0.00	6,200.00	2,607.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
6,300.00	0.00	0.00	6,300.00	2,707.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
6,400.00	0.00	0.00	6,400.00	2,807.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
6,500.00	0.00	0.00	6,500.00	2,907.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
6,600.00	0.00	0.00	6,600.00	3,007.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
6,700.00	0.00	0.00	6,700.00	3,107.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
6,800.00	0.00	0.00	6,800.00	3,207.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
6,900.00	0.00	0.00	6,900.00	3,307.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
7,000.00	0.00	0.00	7,000.00	3,407.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
7,100.00	0.00	0.00	7,100.00	3,507.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
7,200.00	0.00	0.00	7,200.00	3,607.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
7,300.00	0.00	0.00	7,300.00	3,707.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
7,400.00	0.00	0.00	7,400.00	3,807.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
7,500.00	0.00	0.00	7,500.00	3,907.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
7,600.00	0.00	0.00	7,600.00	4,007.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
7,700.00	0.00	0.00	7,700.00	4,107.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
7,800.00	0.00	0.00	7,800.00	4,207.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
7,900.00	0.00	0.00	7,900.00	4,307.00	0.00	0.00	0.00	0.00	441,056.80	730,773.60
7,941.60	0.00	0.00	7,941.60	4,348.60	0.00	0.00	0.00	0.00	441,056.80	730,773.60



**Pathfinder**  
Pathfinder X & Y Planning Report



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**Project:** Lea County  
**Site:** Golden Eye "18" Fed Com  
**Well:** #1H  
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**Local Co-ordinate Reference:** Well #1H  
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**Planned Survey**

MD (ft)	Inc (")	Azi (")	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg ("/100ft)	Northing (ft)	Easting (ft)
7,950.00	1.05	359.64	7,950.00	4,357.00	0.08	0.00	0.08	12.50	441,056.88	730,773.60
7,975.00	4.17	359.64	7,974.97	4,381.97	1.22	-0.01	1.22	12.50	441,058.02	730,773.59
8,000.00	7.30	359.64	7,999.84	4,406.84	3.71	-0.02	3.72	12.50	441,060.51	730,773.58
8,025.00	10.42	359.64	8,024.54	4,431.54	7.57	-0.05	7.57	12.50	441,064.37	730,773.55
8,050.00	13.55	359.64	8,048.99	4,455.99	12.76	-0.08	12.76	12.50	441,069.56	730,773.52
8,075.00	16.67	359.64	8,073.13	4,480.13	19.27	-0.12	19.27	12.50	441,076.07	730,773.48
8,100.00	19.80	359.64	8,096.87	4,503.87	27.10	-0.17	27.10	12.50	441,083.90	730,773.43
8,125.00	22.92	359.64	8,120.15	4,527.15	36.20	-0.23	36.20	12.50	441,093.00	730,773.37
8,150.00	26.05	359.64	8,142.90	4,549.90	46.56	-0.29	46.56	12.50	441,103.36	730,773.31
8,175.00	29.17	359.64	8,165.05	4,572.05	58.15	-0.37	58.15	12.50	441,114.95	730,773.23
8,200.00	32.30	359.64	8,186.53	4,593.53	70.92	-0.45	70.92	12.50	441,127.72	730,773.15
8,225.00	35.42	359.64	8,207.29	4,614.29	84.85	-0.53	84.85	12.50	441,141.65	730,773.07
8,250.00	38.55	359.64	8,227.26	4,634.26	99.89	-0.63	99.89	12.50	441,156.69	730,772.97
8,275.00	41.67	359.64	8,246.37	4,653.37	115.99	-0.73	115.99	12.50	441,172.79	730,772.87
8,300.00	44.80	359.64	8,264.59	4,671.59	133.11	-0.84	133.11	12.50	441,189.91	730,772.76
8,325.00	47.92	359.64	8,281.84	4,688.84	151.20	-0.95	151.20	12.50	441,208.00	730,772.65
8,350.00	51.05	359.64	8,298.08	4,705.08	170.20	-1.07	170.21	12.50	441,227.00	730,772.53
8,375.00	54.17	359.64	8,313.26	4,720.26	190.06	-1.19	190.07	12.50	441,246.86	730,772.41
8,400.00	57.30	359.64	8,327.33	4,734.33	210.72	-1.32	210.73	12.50	441,267.52	730,772.28
8,425.00	60.42	359.64	8,340.26	4,747.26	232.12	-1.46	232.12	12.50	441,288.92	730,772.14
8,450.00	63.55	359.64	8,352.00	4,759.00	254.18	-1.60	254.19	12.50	441,310.98	730,772.00
8,475.00	66.67	359.64	8,362.52	4,769.52	276.86	-1.74	276.86	12.50	441,333.66	730,771.86
8,500.00	69.79	359.64	8,371.79	4,778.79	300.07	-1.89	300.08	12.50	441,356.87	730,771.71
8,525.00	72.92	359.64	8,379.78	4,786.78	323.76	-2.03	323.76	12.50	441,380.56	730,771.57
8,550.00	76.04	359.64	8,386.47	4,793.47	347.84	-2.19	347.85	12.50	441,404.64	730,771.41
8,575.00	79.17	359.64	8,391.83	4,798.83	372.25	-2.34	372.26	12.50	441,429.05	730,771.26
8,600.00	82.29	359.64	8,395.86	4,802.86	396.92	-2.49	396.93	12.50	441,453.72	730,771.11



**Pathfinder**  
Pathfinder X & Y Planning Report



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**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well #1H  
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**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature  
**Database:** Midland Database

**Planned Survey**

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
7,950.00	1.05	359.64	7,950.00	4,357.00	0.08	0.00	0.08	12.50	441,056.88	730,773.60
7,975.00	4.17	359.64	7,974.97	4,381.97	1.22	-0.01	1.22	12.50	441,058.02	730,773.59
8,000.00	7.30	359.64	7,999.84	4,406.84	3.71	-0.02	3.72	12.50	441,060.51	730,773.58
8,025.00	10.42	359.64	8,024.54	4,431.54	7.57	-0.05	7.57	12.50	441,064.37	730,773.55
8,050.00	13.55	359.64	8,048.99	4,455.99	12.76	-0.08	12.76	12.50	441,069.56	730,773.52
8,075.00	16.67	359.64	8,073.13	4,480.13	19.27	-0.12	19.27	12.50	441,076.07	730,773.48
8,100.00	19.80	359.64	8,096.87	4,503.87	27.10	-0.17	27.10	12.50	441,083.90	730,773.43
8,125.00	22.92	359.64	8,120.15	4,527.15	36.20	-0.23	36.20	12.50	441,093.00	730,773.37
8,150.00	26.05	359.64	8,142.90	4,549.90	46.56	-0.29	46.56	12.50	441,103.36	730,773.31
8,175.00	29.17	359.64	8,165.05	4,572.05	58.15	-0.37	58.15	12.50	441,114.95	730,773.23
8,200.00	32.30	359.64	8,186.53	4,593.53	70.92	-0.45	70.92	12.50	441,127.72	730,773.15
8,225.00	35.42	359.64	8,207.29	4,614.29	84.85	-0.53	84.85	12.50	441,141.65	730,773.07
8,250.00	38.55	359.64	8,227.26	4,634.26	99.89	-0.63	99.89	12.50	441,156.69	730,772.97
8,275.00	41.67	359.64	8,246.37	4,653.37	115.99	-0.73	115.99	12.50	441,172.79	730,772.87
8,300.00	44.80	359.64	8,264.59	4,671.59	133.11	-0.84	133.11	12.50	441,189.91	730,772.76
8,325.00	47.92	359.64	8,281.84	4,688.84	151.20	-0.95	151.20	12.50	441,208.00	730,772.65
8,350.00	51.05	359.64	8,298.08	4,705.08	170.20	-1.07	170.21	12.50	441,227.00	730,772.53
8,375.00	54.17	359.64	8,313.26	4,720.26	190.06	-1.19	190.07	12.50	441,246.86	730,772.41
8,400.00	57.30	359.64	8,327.33	4,734.33	210.72	-1.32	210.73	12.50	441,267.52	730,772.28
8,425.00	60.42	359.64	8,340.26	4,747.26	232.12	-1.46	232.12	12.50	441,288.92	730,772.14
8,450.00	63.55	359.64	8,352.00	4,759.00	254.18	-1.60	254.19	12.50	441,310.98	730,772.00
8,475.00	66.67	359.64	8,362.52	4,769.52	276.86	-1.74	276.86	12.50	441,333.66	730,771.86
8,500.00	69.79	359.64	8,371.79	4,778.79	300.07	-1.89	300.08	12.50	441,356.87	730,771.71
8,525.00	72.92	359.64	8,379.78	4,786.78	323.76	-2.03	323.76	12.50	441,380.56	730,771.57
8,550.00	76.04	359.64	8,386.47	4,793.47	347.84	-2.19	347.85	12.50	441,404.64	730,771.41
8,575.00	79.17	359.64	8,391.83	4,798.83	372.25	-2.34	372.26	12.50	441,429.05	730,771.26
8,600.00	82.29	359.64	8,395.86	4,802.86	396.92	-2.49	396.93	12.50	441,453.72	730,771.11





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**Planned Survey**

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Eastng (ft)
8,625.00	85.42	359.64	8,398.54	4,805.54	421.78	-2.65	421.79	12.50	441,478.58	730,770.95
8,650.00	88.54	359.64	8,399.85	4,806.85	446.74	-2.81	446.75	12.50	441,503.54	730,770.79
8,661.65	90.00	359.64	8,400.00	4,807.00	458.39	-2.88	458.40	12.50	441,515.19	730,770.72
8,700.00	90.00	359.64	8,400.00	4,807.00	496.74	-3.12	496.75	0.00	441,553.54	730,770.48
8,800.00	90.00	359.64	8,400.00	4,807.00	596.74	-3.75	596.75	0.00	441,653.54	730,769.85
8,900.00	90.00	359.64	8,400.00	4,807.00	696.73	-4.38	696.75	0.00	441,753.53	730,769.22
9,000.00	90.00	359.64	8,400.00	4,807.00	796.73	-5.01	796.75	0.00	441,853.53	730,768.59
9,100.00	90.00	359.64	8,400.00	4,807.00	896.73	-5.63	896.75	0.00	441,953.53	730,767.97
9,200.00	90.00	359.64	8,400.00	4,807.00	996.73	-6.26	996.75	0.00	442,053.53	730,767.34
9,300.00	90.00	359.64	8,400.00	4,807.00	1,096.73	-6.89	1,096.75	0.00	442,153.53	730,766.71
9,400.00	90.00	359.64	8,400.00	4,807.00	1,196.72	-7.52	1,196.75	0.00	442,253.52	730,766.08
9,500.00	90.00	359.64	8,400.00	4,807.00	1,296.72	-8.15	1,296.75	0.00	442,353.52	730,765.45
9,600.00	90.00	359.64	8,400.00	4,807.00	1,396.72	-8.78	1,396.75	0.00	442,453.52	730,764.82
9,700.00	90.00	359.64	8,400.00	4,807.00	1,496.72	-9.40	1,496.75	0.00	442,553.52	730,764.20
9,800.00	90.00	359.64	8,400.00	4,807.00	1,596.72	-10.03	1,596.75	0.00	442,653.52	730,763.57
9,900.00	90.00	359.64	8,400.00	4,807.00	1,696.71	-10.66	1,696.75	0.00	442,753.51	730,762.94
10,000.00	90.00	359.64	8,400.00	4,807.00	1,796.71	-11.29	1,796.75	0.00	442,853.51	730,762.31
10,100.00	90.00	359.64	8,400.00	4,807.00	1,896.71	-11.92	1,896.75	0.00	442,953.51	730,761.68
10,200.00	90.00	359.64	8,400.00	4,807.00	1,996.71	-12.55	1,996.75	0.00	443,053.51	730,761.05
10,300.00	90.00	359.64	8,400.00	4,807.00	2,096.71	-13.17	2,096.75	0.00	443,153.51	730,760.43
10,400.00	90.00	359.64	8,400.00	4,807.00	2,196.70	-13.80	2,196.75	0.00	443,253.50	730,759.80
10,500.00	90.00	359.64	8,400.00	4,807.00	2,296.70	-14.43	2,296.75	0.00	443,353.50	730,759.17
10,600.00	90.00	359.64	8,400.00	4,807.00	2,396.70	-15.06	2,396.75	0.00	443,453.50	730,758.54
10,700.00	90.00	359.64	8,400.00	4,807.00	2,496.70	-15.69	2,496.75	0.00	443,553.50	730,757.91
10,800.00	90.00	359.64	8,400.00	4,807.00	2,596.70	-16.32	2,596.75	0.00	443,653.50	730,757.28
10,900.00	90.00	359.64	8,400.00	4,807.00	2,696.69	-16.94	2,696.75	0.00	443,753.49	730,756.66
11,000.00	90.00	359.64	8,400.00	4,807.00	2,796.69	-17.57	2,796.75	0.00	443,853.49	730,756.03



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MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
11,100.00	90.00	359.64	8,400.00	4,807.00	2,896.69	-18.20	2,896.75	0.00	443,953.49	730,755.40
11,200.00	90.00	359.64	8,400.00	4,807.00	2,996.69	-18.83	2,996.75	0.00	444,053.49	730,754.77
11,300.00	90.00	359.64	8,400.00	4,807.00	3,096.69	-19.46	3,096.75	0.00	444,153.49	730,754.14
11,400.00	90.00	359.64	8,400.00	4,807.00	3,196.68	-20.09	3,196.75	0.00	444,253.48	730,753.51
11,500.00	90.00	359.64	8,400.00	4,807.00	3,296.68	-20.71	3,296.75	0.00	444,353.48	730,752.89
11,600.00	90.00	359.64	8,400.00	4,807.00	3,396.68	-21.34	3,396.75	0.00	444,453.48	730,752.26
11,700.00	90.00	359.64	8,400.00	4,807.00	3,496.68	-21.97	3,496.75	0.00	444,553.48	730,751.63
11,800.00	90.00	359.64	8,400.00	4,807.00	3,596.68	-22.60	3,596.75	0.00	444,653.48	730,751.00
11,900.00	90.00	359.64	8,400.00	4,807.00	3,696.67	-23.23	3,696.75	0.00	444,753.47	730,750.37
12,000.00	90.00	359.64	8,400.00	4,807.00	3,796.67	-23.86	3,796.75	0.00	444,853.47	730,749.74
12,100.00	90.00	359.64	8,400.00	4,807.00	3,896.67	-24.48	3,896.75	0.00	444,953.47	730,749.12
12,200.00	90.00	359.64	8,400.00	4,807.00	3,996.67	-25.11	3,996.75	0.00	445,053.47	730,748.49
12,300.00	90.00	359.64	8,400.00	4,807.00	4,096.67	-25.74	4,096.75	0.00	445,153.47	730,747.86
12,400.00	90.00	359.64	8,400.00	4,807.00	4,196.66	-26.37	4,196.75	0.00	445,253.46	730,747.23
12,500.00	90.00	359.64	8,400.00	4,807.00	4,296.66	-27.00	4,296.75	0.00	445,353.46	730,746.60
12,600.00	90.00	359.64	8,400.00	4,807.00	4,396.66	-27.63	4,396.75	0.00	445,453.46	730,745.97
12,700.00	90.00	359.64	8,400.00	4,807.00	4,496.66	-28.25	4,496.75	0.00	445,553.46	730,745.35
12,800.00	90.00	359.64	8,400.00	4,807.00	4,596.66	-28.88	4,596.75	0.00	445,653.46	730,744.72
12,821.45	90.00	359.64	8,400.00	4,807.00	4,618.11	-29.02	4,618.20	0.00	445,674.91	730,744.58

**Targets**

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL(GEYE#1H) - hit/miss target - Shape - plan hits target center - Point	0.00	0.00	8,400.00	4,618.11	-28.86	445,674.910	730,744.740	32° 13' 23.070 N	103° 35' 13.847 W