



Devon Energy, Inc.

Lea County (NAD83)

Playa 2 State

#2H

OH

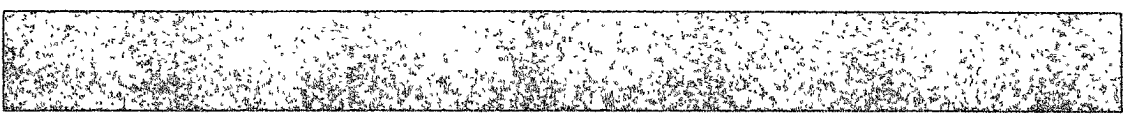
Plan: Plan #1

PathfinderX & Y Report

17 April, 2012



A Schlumberger Company





Pathfinder
PathfinderX & Y Report



Company	Devon Energy, Inc	Local Co-ordinate Reference	Site Playa 2 State
Project	Lea County (NAD83)	TVD Reference:	KB = 19 @ 4003 6usft (McVay 8)
Site	Playa 2 State	MD Reference:	KB = 19 @ 4003 6usft (McVay 8)
Well	#2H	North Reference:	Gnd
Wellbore	OH	Survey Calculation Method:	Minimum Curvature
Design	Plan #1	Database:	EDM 5000 1 Single User Db

Project	Lea County (NAD83)	System Datum:	Mean Sea Level
Map System:	US State Plane 1983		
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Playa 2 State	
Site Position:	Northings: 613,117 280 usft	Latitude: 32 683
From:	Easting: 786,312 880 usft	Longitude: -103 537
Position Uncertainty:	Slot Radius: 13-3/16 "	Grid Convergence: 0 43 °

Well	#2H	
Well Position	Northings: 613,117 280 usft	Latitude: 32 683
	Easting: 786,312 880 usft	Longitude: -103 537
Position Uncertainty	Wellhead Elevation: usft	Ground Level: 3,984.6 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination: (°)	Dip Angle: (°)	Field Strength: (nT)
	IGRF2010	4/17/2012	7 50	60 60	48,809

Design	Plan #1			
Audit Notes:				
Version	Phase	PLAN	Tie On Depth:	0 0
Vertical Section:	Depth From (TVD): (usft)	+N/-S (usft)	+E/-W (usft)	Direction: (°)
	0 0	0 0	0 0	359 69

Survey Tool Program	Date	4/17/2012		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0 0	15,249.6	Plan #1 (OH)	Pathfinder	Pathfinder MWD



Pathfinder
PathfinderX & Y Report



Company:	Devon Energy, Inc	Local Co-ordinate Reference:	Site, Playa 2, State,
Project:	Lea County (NAD83)	TVD Reference:	KB = 19 @ 4003 6usft (McVay 8)
Site:	Playa 2 State	MD Reference:	KB = 19 @ 4003 6usft (McVay 8)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000-1 Single User Db

Planned Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
0 0	0 00	0 00	0 0	-4,003 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
100 0	0 00	0 00	100 0	-3,903 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
200 0	0 00	0 00	200 0	-3,803 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
300 0	0 00	0 00	300 0	-3,703 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
400 0	0 00	0 00	400 0	-3,603 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
500 0	0 00	0 00	500 0	-3,503 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
600 0	0 00	0 00	600 0	-3,403 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
700 0	0 00	0 00	700 0	-3,303 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
800 0	0 00	0 00	800 0	-3,203 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
900 0	0 00	0 00	900 0	-3,103 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
1,000 0	0 00	0 00	1,000 0	-3,003 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
1,100 0	0 00	0 00	1,100 0	-2,903 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
1,200 0	0 00	0 00	1,200 0	-2,803 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
1,300 0	0 00	0 00	1,300 0	-2,703 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
1,400 0	0 00	0 00	1,400 0	-2,603 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
1,500 0	0 00	0 00	1,500 0	-2,503 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
1,600 0	0 00	0 00	1,600 0	-2,403 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
1,700 0	0 00	0 00	1,700 0	-2,303 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
1,800 0	0 00	0 00	1,800 0	-2,203 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
1,900 0	0 00	0 00	1,900 0	-2,103 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
2,000 0	0 00	0 00	2,000 0	-2,003 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
2,100 0	0 00	0 00	2,100 0	-1,903 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
2,200 0	0 00	0 00	2,200 0	-1,803 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
2,300 0	0 00	0 00	2,300 0	-1,703 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
2,400 0	0 00	0 00	2,400 0	-1,603 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
2,500 0	0 00	0 00	2,500 0	-1,503 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88
2,600 0	0 00	0 00	2,600 0	-1,403 6	0 0	0 0	0 0	0 00	613,117 28	786,312 88

Company:	Devon Energy, Inc	Local Co-ordinate Reference:	Site Plays: 2 State
Project:	Lea County (NAD83)	TVD Reference:	KB = 19 @ 4003 6usft (McVay 8)
Site:	Playa 2 State	MD Reference:	KB = -19 @ 4003 6usft (McVay 8)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	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)
	2,700 0	0 00	0 00	2,700 0	-1,303 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	2,800 0	0 00	0 00	2,800 0	-1,203 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	2,900 0	0 00	0 00	2,900 0	-1,103 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	3,000 0	0 00	0 00	3,000 0	-1,003 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	3,100 0	0 00	0 00	3,100 0	-903 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	3,200 0	0 00	0 00	3,200 0	-803 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	3,300 0	0 00	0 00	3,300 0	-703 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	3,400 0	0 00	0 00	3,400 0	-603 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	3,500 0	0 00	0 00	3,500 0	-503 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	3,600 0	0 00	0 00	3,600 0	-403 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	3,700 0	0 00	0 00	3,700 0	-303 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	3,800 0	0 00	0 00	3,800 0	-203 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	3,900 0	0 00	0 00	3,900 0	-103 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	4,000 0	0 00	0 00	4,000 0	-3 6	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	4,100 0	0 00	0 00	4,100 0	96 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	4,200 0	0 00	0 00	4,200 0	196 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	4,300 0	0 00	0 00	4,300 0	296 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	4,400 0	0 00	0 00	4,400 0	396 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	4,500 0	0 00	0 00	4,500 0	496 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	4,600 0	0 00	0 00	4,600 0	596 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	4,700 0	0 00	0 00	4,700 0	696 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	4,800 0	0 00	0 00	4,800 0	796 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	4,900 0	0 00	0 00	4,900 0	896 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	5,000 0	0 00	0 00	5,000 0	996 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	5,100 0	0 00	0 00	5,100 0	1,096 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	5,200 0	0 00	0 00	5,200 0	1,196 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88
	5,300 0	0 00	0 00	5,300 0	1,296 4	0 00	0 00	0 00	0 00	613,117 28	786,312 88



Pathfinder
PathfinderX & Y Report



Company:	Devon Energy, Inc	Local Co-ordinate Reference:	Site: Playa 2 State
Project:	Lea County (NAD83)	TVD Reference:	KB = 19 @ 4003 6usft (McVay.8)
Site:	Playa 2 State	MD Reference:	KB = 19 @ 4003 6usft (McVay.8)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000 1 Single User Db

Planned Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	NVDSS (usft)	N/S (usft)	E/W (usft)	V/Sec (usft)	D/Leg (°/100usft)	North (usft)
5,400.0	0.00	0.00	5,400.0	1,396.4	0.0	0.0	0.0	0.00	613,117.28
5,500.0	0.00	0.00	5,500.0	1,496.4	0.0	0.0	0.0	0.00	786,312.88
5,600.0	0.00	0.00	5,600.0	1,596.4	0.0	0.0	0.0	0.00	786,312.88
5,700.0	0.00	0.00	5,700.0	1,696.4	0.0	0.0	0.0	0.00	786,312.88
5,800.0	0.00	0.00	5,800.0	1,796.4	0.0	0.0	0.0	0.00	786,312.88
5,900.0	0.00	0.00	5,900.0	1,896.4	0.0	0.0	0.0	0.00	786,312.88
6,000.0	0.00	0.00	6,000.0	1,996.4	0.0	0.0	0.0	0.00	786,312.88
6,100.0	0.00	0.00	6,100.0	2,096.4	0.0	0.0	0.0	0.00	786,312.88
6,200.0	0.00	0.00	6,200.0	2,196.4	0.0	0.0	0.0	0.00	786,312.88
6,300.0	0.00	0.00	6,300.0	2,296.4	0.0	0.0	0.0	0.00	786,312.88
6,400.0	0.00	0.00	6,400.0	2,396.4	0.0	0.0	0.0	0.00	786,312.88
6,500.0	0.00	0.00	6,500.0	2,496.4	0.0	0.0	0.0	0.00	786,312.88
6,600.0	0.00	0.00	6,600.0	2,596.4	0.0	0.0	0.0	0.00	786,312.88
6,700.0	0.00	0.00	6,700.0	2,696.4	0.0	0.0	0.0	0.00	786,312.88
6,800.0	0.00	0.00	6,800.0	2,796.4	0.0	0.0	0.0	0.00	786,312.88
6,900.0	0.00	0.00	6,900.0	2,896.4	0.0	0.0	0.0	0.00	786,312.88
7,000.0	0.00	0.00	7,000.0	2,996.4	0.0	0.0	0.0	0.00	786,312.88
7,100.0	0.00	0.00	7,100.0	3,096.4	0.0	0.0	0.0	0.00	786,312.88
7,200.0	0.00	0.00	7,200.0	3,196.4	0.0	0.0	0.0	0.00	786,312.88
7,300.0	0.00	0.00	7,300.0	3,296.4	0.0	0.0	0.0	0.00	786,312.88
7,400.0	0.00	0.00	7,400.0	3,396.4	0.0	0.0	0.0	0.00	786,312.88
7,500.0	0.00	0.00	7,500.0	3,496.4	0.0	0.0	0.0	0.00	786,312.88
7,600.0	0.00	0.00	7,600.0	3,596.4	0.0	0.0	0.0	0.00	786,312.88
7,700.0	0.00	0.00	7,700.0	3,696.4	0.0	0.0	0.0	0.00	786,312.88
7,800.0	0.00	0.00	7,800.0	3,796.4	0.0	0.0	0.0	0.00	786,312.88
7,900.0	0.00	0.00	7,900.0	3,896.4	0.0	0.0	0.0	0.00	786,312.88
8,000.0	0.00	0.00	8,000.0	3,996.4	0.0	0.0	0.0	0.00	786,312.88

Company:	Devon Energy, Inc	Local Co-ordinate Reference:	Site Playa 2 State
Project:	Lea County (NAD83)	TVD Reference:	KB = 19 @ 4003 fustft (McVay 8)
Site:	Playa 2 State	MD Reference:	KB = 19 @ 4003 fustft (McVay 8)
Well:	#2H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	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)	D Leg (°/100usft)	Northing (usft)	Easting (usft)
	8,100 0	0 00	0 00	8,100 0	4,096 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	8,200 0	0 00	0 00	8,200 0	4,196 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	8,300 0	0 00	0 00	8,300 0	4,296 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	8,400 0	0 00	0 00	8,400 0	4,396 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	8,500 0	0 00	0 00	8,500 0	4,496 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	8,600 0	0 00	0 00	8,600 0	4,596 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	8,700 0	0 00	0 00	8,700 0	4,696 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	8,800 0	0 00	0 00	8,800 0	4,796 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	8,900 0	0 00	0 00	8,900 0	4,896 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	9,000 0	0 00	0 00	9,000 0	4,996 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	9,100 0	0 00	0 00	9,100 0	5,096 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	9,200 0	0 00	0 00	9,200 0	5,196 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	9,300 0	0 00	0 00	9,300 0	5,296 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	9,400 0	0 00	0 00	9,400 0	5,396 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	9,500 0	0 00	0 00	9,500 0	5,496 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	9,600 0	0 00	0 00	9,600 0	5,596 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	9,700 0	0 00	0 00	9,700 0	5,696 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	9,800 0	0 00	0 00	9,800 0	5,796 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	9,900 0	0 00	0 00	9,900 0	5,896 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	10,000 0	0 00	0 00	10,000 0	5,996 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	10,100 0	0 00	0 00	10,100 0	6,096 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	10,167 0	0 00	0 00	10,167 0	6,163 4	0 0	0 0	0 0	0 00	613,117 28	786,312 88
	10,200 0	3 30	359 69	10,200 0	6,196 4	1 0	0 0	1 0	10 00	613,118 23	786,312 87
	10,250 0	8 30	359 69	10,249 7	6,246 1	6 0	0 0	6 0	10 00	613,123 28	786,312 85
	10,300 0	13 30	359 69	10,298 8	6,295 2	15 4	-0 1	15 4	10 00	613,132 65	786,312 80
	10,350 0	18 30	359 69	10,346 9	6,343 3	29 0	-0 2	29 0	10 00	613,146 26	786,312 72
	10,400 0	23 30	359 69	10,393 6	6,390 0	46 7	-0 3	46 7	10 00	613,164 01	786,312 63

Company: Devon Energy, Inc.	Local Co-ordinate Reference: Site: Playa 2 State	Site: Playa 2 State
Project: Lea County (NAD83)	TVD Reference: KB = 19 @ 4003 6usft (McVay.8)	KB = 19 @ 4003 6usft (McVay.8)
Site: Playa 2 State	MD Reference:	
Well: #2H	North Reference:	Grid
Wellbore: OH	Survey Calculation Method:	Minimum Curvature
Design: Plan #1	Database:	EDM-5000 1 Single User Db

Planned Survey													
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVSS (usft)	N/S (usft)	EW (usft)	V. Sec (usft)	D. Leg (°/100usft)	Northing (usft)	Easting (usft)			
10,450 0	28 30	359 69	10,438 6	6,435 0	68 5	-0 4	68 5	10 00	613,185 76	786,312 51			
10,500 0	33 30	359 69	10,481 6	6,478 0	94 1	-0 5	94 1	10 00	613,211 35	786,312 37			
10,550 0	38 30	359 69	10,522 1	6,518 5	123 3	-0 7	123 3	10 00	613,240 59	786,312 21			
10,600 0	43 30	359 69	10,559 9	6,556 3	156 0	-0 8	156 0	10 00	613,273 25	786,312 04			
10,650 0	48 30	359 69	10,594 8	6,591 2	191 8	-1 0	191 8	10 00	613,309 09	786,311 84			
10,700 0	53 30	359 69	10,626 4	6,622 8	230 5	-1 2	230 5	10 00	613,347 82	786,311 63			
10,750 0	58 30	359 69	10,654 5	6,650 9	271 9	-1 5	271 9	10 00	613,389 16	786,311 41			
10,800 0	63 30	359 69	10,678 9	6,675 3	315 5	-1 7	315 5	10 00	613,432 79	786,311 17			
10,850 0	68 30	359 69	10,699 4	6,695 8	361 1	-2 0	361 1	10 00	613,478 38	786,310 93			
10,900 0	73 30	359 69	10,715 8	6,712 2	408 3	-2 2	408 3	10 00	613,525 59	786,310 67			
10,950 0	78 30	359 69	10,728 1	6,724 5	456 8	-2 5	456 8	10 00	613,574 04	786,310 41			
11,000 0	83 30	359 69	10,736 0	6,732 4	506 1	-2 7	506 1	10 00	613,623 38	786,310 14			
11,050 0	88 30	359 69	10,739 7	6,736 1	556 0	-3 0	556 0	10 00	613,673 23	786,309 87			
11,067 0	90 00	359 69	10,740 0	6,736 4	572 9	-3 1	573 0	10 00	613,690 22	786,309 78			
11,100 0	90 00	359 69	10,740 0	6,736 4	605 9	-3 3	606 0	0 00	613,723 23	786,309 60			
11,200 0	90 00	359 69	10,740 0	6,736 4	705 9	-3 8	706 0	0 00	613,823 23	786,309 06			
11,300 0	90 00	359 69	10,740 0	6,736 4	805 9	-4 4	806 0	0 00	613,923 23	786,308 52			
11,400 0	90 00	359 69	10,740 0	6,736 4	905 9	-4 9	906 0	0 00	614,023 22	786,307 98			
11,500 0	90 00	359 69	10,740 0	6,736 4	1,005 9	-5 4	1,006 0	0 00	614,123 22	786,307 44			
11,600 0	90 00	359 69	10,740 0	6,736 4	1,105 9	-6 0	1,106 0	0 00	614,223 22	786,306 90			
11,700 0	90 00	359 69	10,740 0	6,736 4	1,205 9	-6 5	1,206 0	0 00	614,323 22	786,306 36			
11,800 0	90 00	359 69	10,740 0	6,736 4	1,305 9	-7 1	1,306 0	0 00	614,423 22	786,305 82			
11,900 0	90 00	359 69	10,740 0	6,736 4	1,405 9	-7 6	1,406 0	0 00	614,523 22	786,305 28			
12,000 0	90 00	359 69	10,740 0	6,736 4	1,505 9	-8 1	1,506 0	0 00	614,623 22	786,304 74			
12,100 0	90 00	359 69	10,740 0	6,736 4	1,605 9	-8 7	1,606 0	0 00	614,723 21	786,304 19			
12,200 0	90 00	359 69	10,740 0	6,736 4	1,705 9	-9 2	1,706 0	0 00	614,823 21	786,303 65			
12,300 0	90 00	359 69	10,740 0	6,736 4	1,805 9	-9 8	1,806 0	0 00	614,923 21	786,303 11			



Pathfinder
PathfinderX & Y Report



Company:	Devon Energy, Inc	Local Co-ordinate Reference:	Site Playa 2 State
Project:	Lea County (NAD83)	TVD Reference:	KB = 19 @ 4003.6usft (McVay.8)
Site:	Playa 2 State	MD Reference:	KB = 19 @ 4003.6usft (McVay.8)
Well:	#2H	North Reference:	Grid:
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	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)	D Leg (°/100usft)	Northing (usft)	Easting (usft)
	12,400.0	90.00	359.69	10,740.0	6,736.4	1,905.9	-10.3	1,906.0	0.00	615,023.21	786,302.57
	12,500.0	90.00	359.69	10,740.0	6,736.4	2,005.9	-10.8	2,006.0	0.00	615,123.21	786,302.03
	12,600.0	90.00	359.69	10,740.0	6,736.4	2,105.9	-11.4	2,106.0	0.00	615,223.21	786,301.49
	12,700.0	90.00	359.69	10,740.0	6,736.4	2,205.9	-11.9	2,206.0	0.00	615,323.21	786,300.95
	12,800.0	90.00	359.69	10,740.0	6,736.4	2,305.9	-12.5	2,306.0	0.00	615,423.20	786,300.41
	12,900.0	90.00	359.69	10,740.0	6,736.4	2,405.9	-13.0	2,406.0	0.00	615,523.20	786,299.87
	13,000.0	90.00	359.69	10,740.0	6,736.4	2,505.9	-13.6	2,506.0	0.00	615,623.20	786,299.33
	13,100.0	90.00	359.69	10,740.0	6,736.4	2,605.9	-14.1	2,606.0	0.00	615,723.20	786,298.79
	13,200.0	90.00	359.69	10,740.0	6,736.4	2,705.9	-14.6	2,706.0	0.00	615,823.20	786,298.25
	13,300.0	90.00	359.69	10,740.0	6,736.4	2,805.9	-15.2	2,806.0	0.00	615,923.20	786,297.70
	13,400.0	90.00	359.69	10,740.0	6,736.4	2,905.9	-15.7	2,906.0	0.00	616,023.20	786,297.16
	13,500.0	90.00	359.69	10,740.0	6,736.4	3,005.9	-16.3	3,006.0	0.00	616,123.19	786,296.62
	13,600.0	90.00	359.69	10,740.0	6,736.4	3,105.9	-16.8	3,106.0	0.00	616,223.19	786,296.08
	13,700.0	90.00	359.69	10,740.0	6,736.4	3,205.9	-17.3	3,206.0	0.00	616,323.19	786,295.54
	13,800.0	90.00	359.69	10,740.0	6,736.4	3,305.9	-17.9	3,306.0	0.00	616,423.19	786,295.00
	13,900.0	90.00	359.69	10,740.0	6,736.4	3,405.9	-18.4	3,406.0	0.00	616,523.19	786,294.46
	14,000.0	90.00	359.69	10,740.0	6,736.4	3,505.9	-19.0	3,506.0	0.00	616,623.19	786,293.92
	14,100.0	90.00	359.69	10,740.0	6,736.4	3,605.9	-19.5	3,606.0	0.00	616,723.19	786,293.38
	14,200.0	90.00	359.69	10,740.0	6,736.4	3,705.9	-20.0	3,706.0	0.00	616,823.18	786,292.84
	14,300.0	90.00	359.69	10,740.0	6,736.4	3,805.9	-20.6	3,806.0	0.00	616,923.18	786,292.30
	14,400.0	90.00	359.69	10,740.0	6,736.4	3,905.9	-21.1	3,906.0	0.00	617,023.18	786,291.75
	14,500.0	90.00	359.69	10,740.0	6,736.4	4,005.9	-21.7	4,006.0	0.00	617,123.18	786,291.21
	14,600.0	90.00	359.69	10,740.0	6,736.4	4,105.9	-22.2	4,106.0	0.00	617,223.18	786,290.67
	14,700.0	90.00	359.69	10,740.0	6,736.4	4,205.9	-22.7	4,206.0	0.00	617,323.18	786,290.13
	14,800.0	90.00	359.69	10,740.0	6,736.4	4,305.9	-23.3	4,306.0	0.00	617,423.17	786,289.59
	14,900.0	90.00	359.69	10,740.0	6,736.4	4,405.9	-23.8	4,406.0	0.00	617,523.17	786,289.05
	15,000.0	90.00	359.69	10,740.0	6,736.4	4,505.9	-24.4	4,506.0	0.00	617,623.17	786,288.51



Pathfinder
PathfinderX & Y Report



Company: Devon Energy, Inc.		Local Coordinate Reference:		Site: Playa 2 State	
Project: Lea County (NAD83)		TVD Reference:		KB = 19 @ 4003 6usft (McVay 8)	
Site: Playa 2 State		MD Reference:		KB = 19 @ 4003 6usft (McVay 8)	
Well: #2H		North Reference:		Grid	
Wellbore: OH		Survey Calculation Method:		Minimum Curvature	
Design: Plan #1		Database:		EDM 5000 1 Single User, Db	

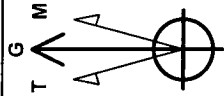
Planned Survey										
MD (usft)	Inc (")	Azi (azimuth) (")	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V/Sec (usft)	D/Leg (°/100usft)	North (usft)	East (usft)
15,100.0	90.00	359.69	10,740.0	6,736.4	4,605.9	-24.9	4,606.0	0.00	617,723.17	786,287.97
15,200.0	90.00	359.69	10,740.0	6,736.4	4,705.9	-25.5	4,706.0	0.00	617,823.17	786,287.43
15,249.6	90.00	359.69	10,740.0	6,736.4	4,755.5	-25.7	4,755.5	0.00	617,872.75	786,287.16

Checked By _____	Approved By _____	Date: _____
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Project Lea County (NAD83)
Site: Playa 2 State
Well #2H
Wellbore: OH
Plan. Plan #1 (#2H/OH)

PROJECT DETAILS Lea County (NAD83)
Geodetic System US State Plane 1983
Datum North American Datum 1983
Ellipsoid GRS 1980
Zone New Mexico Eastern Zone
System Datum Mean Sea Level
Local North Grid



Azimuths to Grid North
True North -0.43°
Magnetic North 7.07°
Magnetic Field
Strength 48808.6nT
Dip Angle 60.60°
Date 4/17/2012
Model IGRF2010

WELL DETAILS #2H

Ground Elevation 3984.6
RKB Elevation KB = 19 @ 4003.6usft (McVay 8)
Rig Name McVay 8

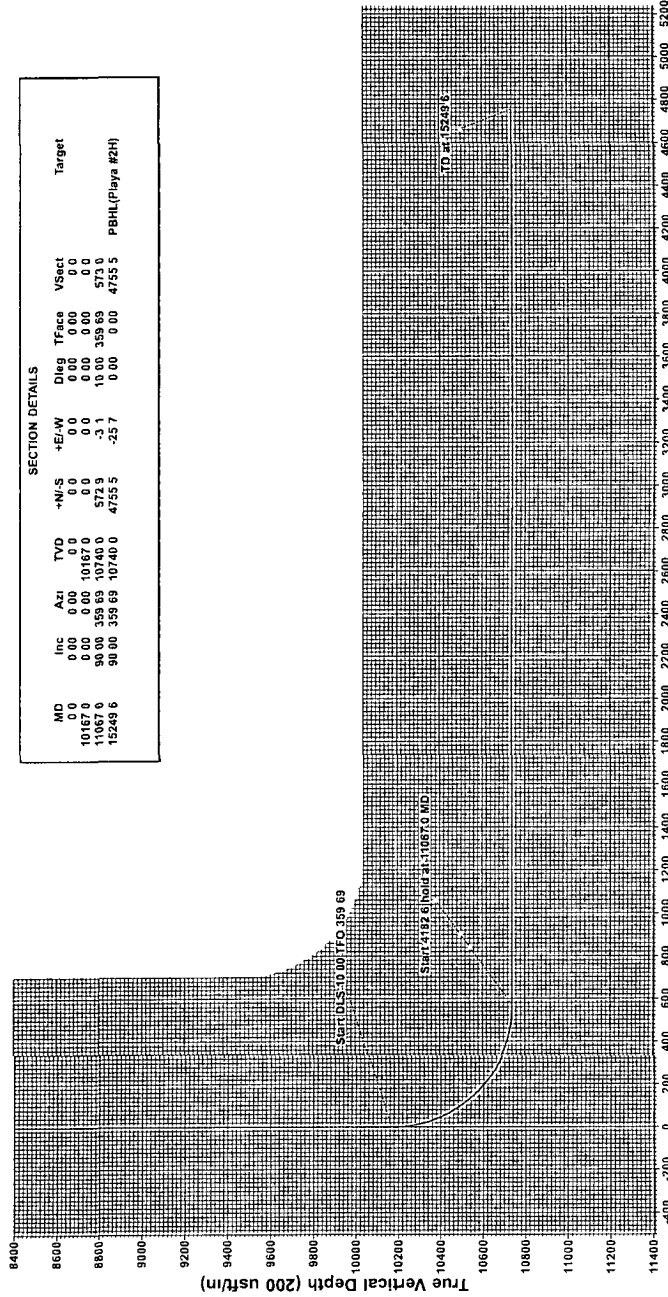
+N/S	0.0	North	61317.280	East	786312.880	Latitude	32.683	Longitude	-103.537	Slot
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WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/S	+E/W	North	East	Shape
PBHL(Playa #2H)	10740.0	4755.5	-25.7	617872.750	786287.160	Point

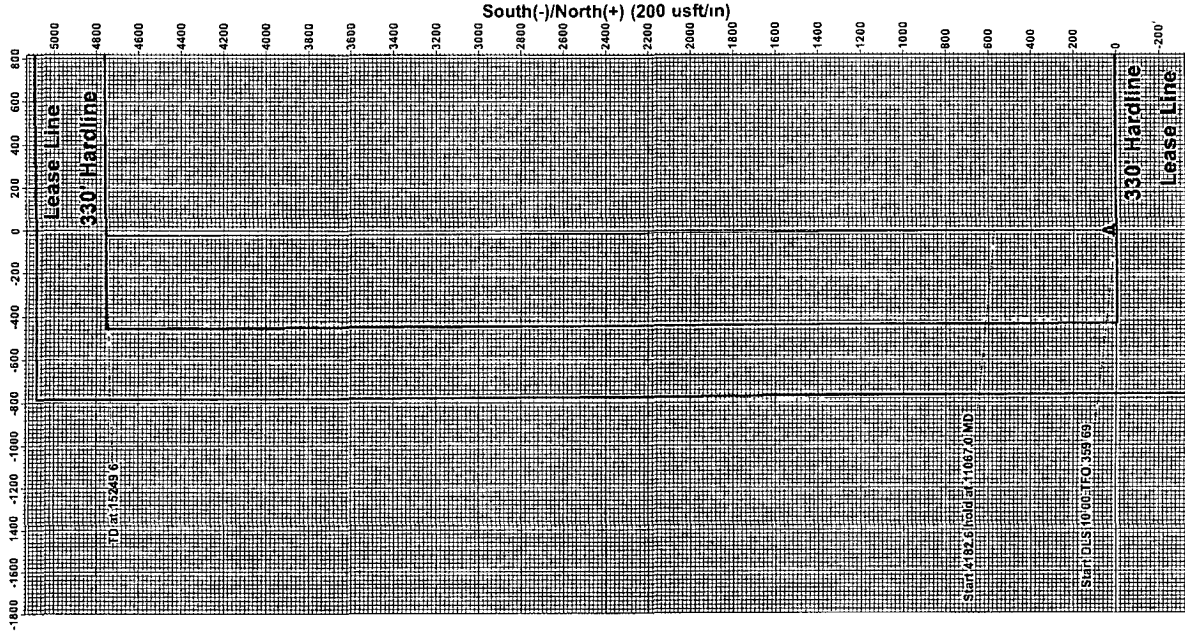
SECTION DETAILS

MD	Inc	Azi	TVD	+N/S	+E/W	Dleg	TFace	VSect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	0.0
101.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	0.0
1067.0	90.00	359.69	10740.0	572.9	-3.1	10.00	359.69	573.0	PBHL(Playa #2H)
15249.6	90.00	359.69	10740.0	4755.5	-25.7	0.00	0.00	4755.5	PBHL(Playa #2H)



Vertical Section at 359.69° (200 usft/in)

West(-)/East(+) (200 usft/in)



Plan Plan #1 (#2H/OH)

Created By Sam Bille Date 15.51, April 17 2012

Checked _____ Date _____