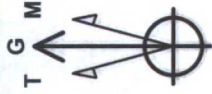
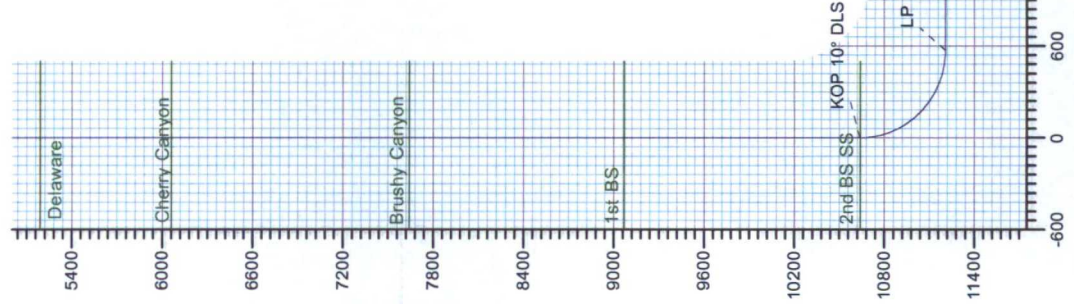




Project: Lea County, NM (NAD-83)
Site: Boomsiang 14-23 Fed
Well: 2H
Wellbore: OH
Design: APD Plan #1



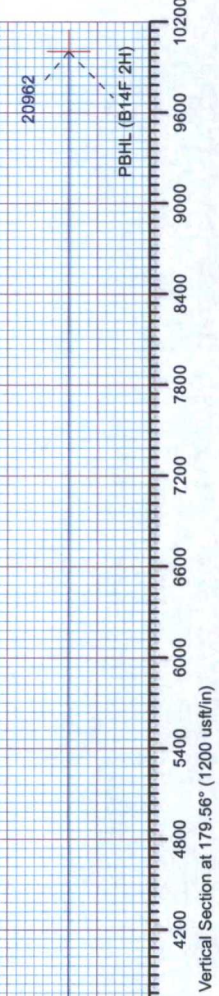
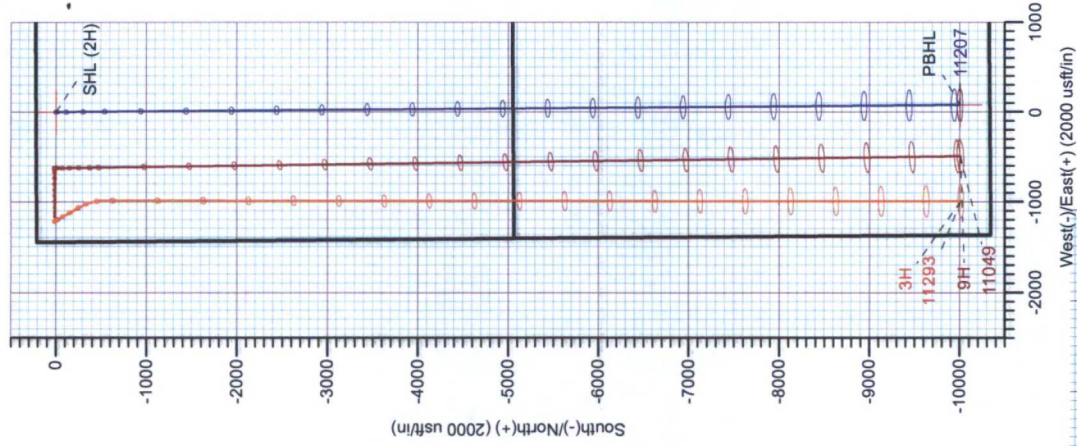
Azimuths to Grid North
True North: -0.42°
Magnetic North: 6.89°
Magnetic Field
Strength: 48226.7 snT
Dip Angle: 60.10°
Date: 12/4/2014
Model: BGGM2014



DESIGN TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Northing
SHL (B14F 2H)	0.00	0.00	0.00	446204.70
PBHL (B14F 2H)	11207.00	-10000.79	77.23	436203.91
				784509.02
				784586.25

SECTION DETAILS				
MD	Inc	Azi	TVD	+N/-S
0.00	0.00	0.00	0.00	0.00
10634.04	0.00	0.00	10634.04	0.00
11534.04	90.00	179.56	11207.00	-572.94
20962.17	90.00	179.56	11207.00	-10000.79
				77.23
				0.00
				0.00
				179.56
				572.96
				10001.09

PROJECT DETAILS: Lea County, NM (NAD-83)	
Geodetic System: US State Plane 1983	
Datum: North American Datum 1983	
Ellipsoid: GRS 1980	
Zone: New Mexico Eastern Zone	



DEVON ENERGY

Lea County, NM (NAD-83)

Boomslang 14-23 Fed

2H

OH

Plan: APD Plan #1

Standard Planning Report

03 March, 2016

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 2H
Company:	DEVON ENERGY	TVD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Project:	Lea County, NM (NAD-83)	MD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Site:	Boomslang 14-23 Fed	North Reference:	Grid
Well:	2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Plan #1		

Project	Lea County, NM (NAD-83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Boomslang 14-23 Fed		
Site Position:		Northing:	446,243.13 usft
From:	Map	Easting:	786,353.47 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 13' 27.535 N
		Longitude:	103° 32' 27.617 W
		Grid Convergence:	0.42 °

Well	2H, 2nd BS SS		
Well Position	+N/-S	-38.43 usft	Northing:
	+E/-W	-1,844.45 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	3,624.80 usft
		Latitude:	32° 13' 27.289 N
		Longitude:	103° 32' 49.091 W
		Ground Level:	3,599.80 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	BGGM2014	12/4/2014	7.31
			Dip Angle
			(°)
			Field Strength
			(nT)
			48,227

Design	APD Plan #1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			(°)
			179.56

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10,634.04	0.00	0.00	10,634.04	0.00	0.00	0.00	0.00	0.00	0.00	
11,534.04	90.00	179.56	11,207.00	-572.94	4.42	10.00	10.00	0.00	179.56	
20,962.17	90.00	179.56	11,207.00	-10,000.79	77.23	0.00	0.00	0.00	0.00	PBHL (B14F 2H)

LEAM Drilling Systems LLC

Planning Report

Database: EDM 5000.1 Single User Db
Company: DEVON ENERGY
Project: Lea County, NM (NAD-83)
Site: Boomsiang 14-23 Fed
Well: 2H
Wellbore: OH
Design: APD Plan #1

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

Well 2H
3599.8' GL + 25' RKB @ 3624.80usft
3599.8' GL + 25' RKB @ 3624.80usft
Grid
Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHL (B14F 2H)									
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,290.00	0.00	0.00	1,290.00	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,770.00	0.00	0.00	1,770.00	0.00	0.00	0.00	0.00	0.00	0.00
Top Salt									
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 2H
Company:	DEVON ENERGY	TVD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Project:	Lea County, NM (NAD-83)	MD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Site:	Boomslang 14-23 Fed	North Reference:	Grid
Well:	2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,190.00	0.00	0.00	5,190.00	0.00	0.00	0.00	0.00	0.00	0.00
Delaware									
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,060.00	0.00	0.00	6,060.00	0.00	0.00	0.00	0.00	0.00	0.00
Cherry Canyon									
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,640.00	0.00	0.00	7,640.00	0.00	0.00	0.00	0.00	0.00	0.00
Brushy Canyon									
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00
8,900.00	0.00	0.00	8,900.00	0.00	0.00	0.00	0.00	0.00	0.00
9,000.00	0.00	0.00	9,000.00	0.00	0.00	0.00	0.00	0.00	0.00
9,070.00	0.00	0.00	9,070.00	0.00	0.00	0.00	0.00	0.00	0.00
1st BS									
9,100.00	0.00	0.00	9,100.00	0.00	0.00	0.00	0.00	0.00	0.00
9,200.00	0.00	0.00	9,200.00	0.00	0.00	0.00	0.00	0.00	0.00
9,300.00	0.00	0.00	9,300.00	0.00	0.00	0.00	0.00	0.00	0.00

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 2H
Company:	DEVON ENERGY	TVD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
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Wellbore:	OH		
Design:	APD Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,400.00	0.00	0.00	9,400.00	0.00	0.00	0.00	0.00	0.00	0.00
9,500.00	0.00	0.00	9,500.00	0.00	0.00	0.00	0.00	0.00	0.00
9,600.00	0.00	0.00	9,600.00	0.00	0.00	0.00	0.00	0.00	0.00
9,700.00	0.00	0.00	9,700.00	0.00	0.00	0.00	0.00	0.00	0.00
9,800.00	0.00	0.00	9,800.00	0.00	0.00	0.00	0.00	0.00	0.00
9,900.00	0.00	0.00	9,900.00	0.00	0.00	0.00	0.00	0.00	0.00
10,000.00	0.00	0.00	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00
10,100.00	0.00	0.00	10,100.00	0.00	0.00	0.00	0.00	0.00	0.00
10,200.00	0.00	0.00	10,200.00	0.00	0.00	0.00	0.00	0.00	0.00
10,300.00	0.00	0.00	10,300.00	0.00	0.00	0.00	0.00	0.00	0.00
10,400.00	0.00	0.00	10,400.00	0.00	0.00	0.00	0.00	0.00	0.00
10,500.00	0.00	0.00	10,500.00	0.00	0.00	0.00	0.00	0.00	0.00
10,600.00	0.00	0.00	10,600.00	0.00	0.00	0.00	0.00	0.00	0.00
10,634.04	0.00	0.00	10,634.04	0.00	0.00	0.00	0.00	0.00	0.00
KOP 10° DLS									
10,640.00	0.60	179.56	10,640.00	-0.03	0.00	0.03	10.00	10.00	0.00
2nd BS SS									
10,650.00	1.60	179.56	10,650.00	-0.22	0.00	0.22	10.00	10.00	0.00
10,700.00	6.60	179.56	10,699.85	-3.79	0.03	3.79	10.00	10.00	0.00
10,750.00	11.60	179.56	10,749.21	-11.69	0.09	11.69	10.00	10.00	0.00
10,800.00	16.60	179.56	10,797.69	-23.87	0.18	23.87	10.00	10.00	0.00
10,850.00	21.60	179.56	10,844.92	-40.22	0.31	40.22	10.00	10.00	0.00
10,900.00	26.60	179.56	10,890.55	-60.62	0.47	60.63	10.00	10.00	0.00
10,950.00	31.60	179.56	10,934.23	-84.93	0.66	84.93	10.00	10.00	0.00
11,000.00	36.60	179.56	10,975.62	-112.95	0.87	112.95	10.00	10.00	0.00
11,050.00	41.60	179.56	11,014.41	-144.47	1.12	144.47	10.00	10.00	0.00
11,100.00	46.60	179.56	11,050.31	-179.25	1.38	179.25	10.00	10.00	0.00
11,150.00	51.60	179.56	11,083.04	-217.03	1.68	217.03	10.00	10.00	0.00
11,200.00	56.60	179.56	11,112.35	-257.51	1.99	257.52	10.00	10.00	0.00
11,250.00	61.60	179.56	11,138.02	-300.40	2.32	300.41	10.00	10.00	0.00
11,300.00	66.60	179.56	11,159.86	-345.36	2.67	345.37	10.00	10.00	0.00
11,350.00	71.60	179.56	11,177.70	-392.05	3.03	392.06	10.00	10.00	0.00
11,400.00	76.60	179.56	11,191.39	-440.12	3.40	440.13	10.00	10.00	0.00
11,450.00	81.60	179.56	11,200.85	-489.20	3.78	489.22	10.00	10.00	0.00
11,500.00	86.60	179.56	11,205.99	-538.92	4.16	538.94	10.00	10.00	0.00
11,534.04	90.00	179.56	11,207.00	-572.94	4.42	572.96	10.00	10.00	0.00
LP									
11,600.00	90.00	179.56	11,207.00	-638.90	4.93	638.92	0.00	0.00	0.00
11,700.00	90.00	179.56	11,207.00	-738.89	5.71	738.92	0.00	0.00	0.00
11,800.00	90.00	179.56	11,207.00	-838.89	6.48	838.92	0.00	0.00	0.00
11,900.00	90.00	179.56	11,207.00	-938.89	7.25	938.92	0.00	0.00	0.00
12,000.00	90.00	179.56	11,207.00	-1,038.88	8.02	1,038.92	0.00	0.00	0.00
12,100.00	90.00	179.56	11,207.00	-1,138.88	8.79	1,138.92	0.00	0.00	0.00
12,200.00	90.00	179.56	11,207.00	-1,238.88	9.57	1,238.92	0.00	0.00	0.00
12,300.00	90.00	179.56	11,207.00	-1,338.88	10.34	1,338.92	0.00	0.00	0.00
12,400.00	90.00	179.56	11,207.00	-1,438.87	11.11	1,438.92	0.00	0.00	0.00
12,500.00	90.00	179.56	11,207.00	-1,538.87	11.88	1,538.92	0.00	0.00	0.00
12,600.00	90.00	179.56	11,207.00	-1,638.87	12.66	1,638.92	0.00	0.00	0.00
12,700.00	90.00	179.56	11,207.00	-1,738.86	13.43	1,738.92	0.00	0.00	0.00
12,800.00	90.00	179.56	11,207.00	-1,838.86	14.20	1,838.92	0.00	0.00	0.00
12,900.00	90.00	179.56	11,207.00	-1,938.86	14.97	1,938.92	0.00	0.00	0.00
13,000.00	90.00	179.56	11,207.00	-2,038.85	15.74	2,038.92	0.00	0.00	0.00
13,100.00	90.00	179.56	11,207.00	-2,138.85	16.52	2,138.92	0.00	0.00	0.00

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 2H
Company:	DEVON ENERGY	TVD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Project:	Lea County, NM (NAD-83)	MD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Site:	Boomsiang 14-23 Fed	North Reference:	Grid
Well:	2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,200.00	90.00	179.56	11,207.00	-2,238.85	17.29	2,238.92	0.00	0.00	0.00
13,300.00	90.00	179.56	11,207.00	-2,338.85	18.06	2,338.92	0.00	0.00	0.00
13,400.00	90.00	179.56	11,207.00	-2,438.84	18.83	2,438.92	0.00	0.00	0.00
13,500.00	90.00	179.56	11,207.00	-2,538.84	19.61	2,538.92	0.00	0.00	0.00
13,600.00	90.00	179.56	11,207.00	-2,638.84	20.38	2,638.92	0.00	0.00	0.00
13,700.00	90.00	179.56	11,207.00	-2,738.83	21.15	2,738.92	0.00	0.00	0.00
13,800.00	90.00	179.56	11,207.00	-2,838.83	21.92	2,838.92	0.00	0.00	0.00
13,900.00	90.00	179.56	11,207.00	-2,938.83	22.69	2,938.92	0.00	0.00	0.00
14,000.00	90.00	179.56	11,207.00	-3,038.83	23.47	3,038.92	0.00	0.00	0.00
14,100.00	90.00	179.56	11,207.00	-3,138.82	24.24	3,138.92	0.00	0.00	0.00
14,200.00	90.00	179.56	11,207.00	-3,238.82	25.01	3,238.92	0.00	0.00	0.00
14,300.00	90.00	179.56	11,207.00	-3,338.82	25.78	3,338.92	0.00	0.00	0.00
14,400.00	90.00	179.56	11,207.00	-3,438.81	26.56	3,438.92	0.00	0.00	0.00
14,500.00	90.00	179.56	11,207.00	-3,538.81	27.33	3,538.92	0.00	0.00	0.00
14,600.00	90.00	179.56	11,207.00	-3,638.81	28.10	3,638.92	0.00	0.00	0.00
14,700.00	90.00	179.56	11,207.00	-3,738.80	28.87	3,738.92	0.00	0.00	0.00
14,800.00	90.00	179.56	11,207.00	-3,838.80	29.64	3,838.92	0.00	0.00	0.00
14,900.00	90.00	179.56	11,207.00	-3,938.80	30.42	3,938.92	0.00	0.00	0.00
15,000.00	90.00	179.56	11,207.00	-4,038.80	31.19	4,038.92	0.00	0.00	0.00
15,100.00	90.00	179.56	11,207.00	-4,138.79	31.96	4,138.92	0.00	0.00	0.00
15,200.00	90.00	179.56	11,207.00	-4,238.79	32.73	4,238.92	0.00	0.00	0.00
15,300.00	90.00	179.56	11,207.00	-4,338.79	33.51	4,338.92	0.00	0.00	0.00
15,400.00	90.00	179.56	11,207.00	-4,438.78	34.28	4,438.92	0.00	0.00	0.00
15,500.00	90.00	179.56	11,207.00	-4,538.78	35.05	4,538.92	0.00	0.00	0.00
15,600.00	90.00	179.56	11,207.00	-4,638.78	35.82	4,638.92	0.00	0.00	0.00
15,700.00	90.00	179.56	11,207.00	-4,738.77	36.59	4,738.92	0.00	0.00	0.00
15,800.00	90.00	179.56	11,207.00	-4,838.77	37.37	4,838.92	0.00	0.00	0.00
15,900.00	90.00	179.56	11,207.00	-4,938.77	38.14	4,938.92	0.00	0.00	0.00
16,000.00	90.00	179.56	11,207.00	-5,038.77	38.91	5,038.92	0.00	0.00	0.00
16,100.00	90.00	179.56	11,207.00	-5,138.76	39.68	5,138.92	0.00	0.00	0.00
16,200.00	90.00	179.56	11,207.00	-5,238.76	40.46	5,238.92	0.00	0.00	0.00
16,300.00	90.00	179.56	11,207.00	-5,338.76	41.23	5,338.92	0.00	0.00	0.00
16,400.00	90.00	179.56	11,207.00	-5,438.75	42.00	5,438.92	0.00	0.00	0.00
16,500.00	90.00	179.56	11,207.00	-5,538.75	42.77	5,538.92	0.00	0.00	0.00
16,600.00	90.00	179.56	11,207.00	-5,638.75	43.54	5,638.92	0.00	0.00	0.00
16,700.00	90.00	179.56	11,207.00	-5,738.74	44.32	5,738.92	0.00	0.00	0.00
16,800.00	90.00	179.56	11,207.00	-5,838.74	45.09	5,838.92	0.00	0.00	0.00
16,900.00	90.00	179.56	11,207.00	-5,938.74	45.86	5,938.92	0.00	0.00	0.00
17,000.00	90.00	179.56	11,207.00	-6,038.74	46.63	6,038.92	0.00	0.00	0.00
17,100.00	90.00	179.56	11,207.00	-6,138.73	47.41	6,138.92	0.00	0.00	0.00
17,200.00	90.00	179.56	11,207.00	-6,238.73	48.18	6,238.92	0.00	0.00	0.00
17,300.00	90.00	179.56	11,207.00	-6,338.73	48.95	6,338.92	0.00	0.00	0.00
17,400.00	90.00	179.56	11,207.00	-6,438.72	49.72	6,438.92	0.00	0.00	0.00
17,500.00	90.00	179.56	11,207.00	-6,538.72	50.49	6,538.92	0.00	0.00	0.00
17,600.00	90.00	179.56	11,207.00	-6,638.72	51.27	6,638.92	0.00	0.00	0.00
17,700.00	90.00	179.56	11,207.00	-6,738.71	52.04	6,738.92	0.00	0.00	0.00
17,800.00	90.00	179.56	11,207.00	-6,838.71	52.81	6,838.92	0.00	0.00	0.00
17,900.00	90.00	179.56	11,207.00	-6,938.71	53.58	6,938.92	0.00	0.00	0.00
18,000.00	90.00	179.56	11,207.00	-7,038.71	54.36	7,038.92	0.00	0.00	0.00
18,100.00	90.00	179.56	11,207.00	-7,138.70	55.13	7,138.92	0.00	0.00	0.00
18,200.00	90.00	179.56	11,207.00	-7,238.70	55.90	7,238.92	0.00	0.00	0.00
18,300.00	90.00	179.56	11,207.00	-7,338.70	56.67	7,338.92	0.00	0.00	0.00
18,400.00	90.00	179.56	11,207.00	-7,438.69	57.44	7,438.92	0.00	0.00	0.00
18,500.00	90.00	179.56	11,207.00	-7,538.69	58.22	7,538.92	0.00	0.00	0.00

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 2H
Company:	DEVON ENERGY	TVD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Project:	Lea County, NM (NAD-83)	MD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Site:	Boomslang 14-23 Fed	North Reference:	Grid
Well:	2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Plan #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
18,600.00	90.00	179.56	11,207.00	-7,638.69	58.99	7,638.92	0.00	0.00	0.00	
18,700.00	90.00	179.56	11,207.00	-7,738.69	59.76	7,738.92	0.00	0.00	0.00	
18,800.00	90.00	179.56	11,207.00	-7,838.68	60.53	7,838.92	0.00	0.00	0.00	
18,900.00	90.00	179.56	11,207.00	-7,938.68	61.31	7,938.92	0.00	0.00	0.00	
19,000.00	90.00	179.56	11,207.00	-8,038.68	62.08	8,038.92	0.00	0.00	0.00	
19,100.00	90.00	179.56	11,207.00	-8,138.67	62.85	8,138.92	0.00	0.00	0.00	
19,200.00	90.00	179.56	11,207.00	-8,238.67	63.62	8,238.92	0.00	0.00	0.00	
19,300.00	90.00	179.56	11,207.00	-8,338.67	64.39	8,338.92	0.00	0.00	0.00	
19,400.00	90.00	179.56	11,207.00	-8,438.66	65.17	8,438.92	0.00	0.00	0.00	
19,500.00	90.00	179.56	11,207.00	-8,538.66	65.94	8,538.92	0.00	0.00	0.00	
19,600.00	90.00	179.56	11,207.00	-8,638.66	66.71	8,638.92	0.00	0.00	0.00	
19,700.00	90.00	179.56	11,207.00	-8,738.66	67.48	8,738.92	0.00	0.00	0.00	
19,800.00	90.00	179.56	11,207.00	-8,838.65	68.26	8,838.92	0.00	0.00	0.00	
19,900.00	90.00	179.56	11,207.00	-8,938.65	69.03	8,938.92	0.00	0.00	0.00	
20,000.00	90.00	179.56	11,207.00	-9,038.65	69.80	9,038.92	0.00	0.00	0.00	
20,100.00	90.00	179.56	11,207.00	-9,138.64	70.57	9,138.92	0.00	0.00	0.00	
20,200.00	90.00	179.56	11,207.00	-9,238.64	71.34	9,238.92	0.00	0.00	0.00	
20,300.00	90.00	179.56	11,207.00	-9,338.64	72.12	9,338.92	0.00	0.00	0.00	
20,400.00	90.00	179.56	11,207.00	-9,438.63	72.89	9,438.92	0.00	0.00	0.00	
20,500.00	90.00	179.56	11,207.00	-9,538.63	73.66	9,538.92	0.00	0.00	0.00	
20,600.00	90.00	179.56	11,207.00	-9,638.63	74.43	9,638.92	0.00	0.00	0.00	
20,700.00	90.00	179.56	11,207.00	-9,738.63	75.21	9,738.92	0.00	0.00	0.00	
20,800.00	90.00	179.56	11,207.00	-9,838.62	75.98	9,838.92	0.00	0.00	0.00	
20,900.00	90.00	179.56	11,207.00	-9,938.62	76.75	9,938.92	0.00	0.00	0.00	
20,962.17	90.00	179.56	11,207.00	-10,000.79	77.23	10,001.09	0.00	0.00	0.00	
TD - PBHL (B14F 2H)										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude		Longitude
SHL (B14F 2H)	0.00	0.01	0.00	0.00	0.00	446,204.70	784,509.02	32° 13' 27.289 N		103° 32' 49.091 W
- plan hits target center										
- Point										
PBHL (B14F 2H)	0.00	0.00	11,207.00	-10,000.79	77.23	436,203.91	784,586.25	32° 11' 48.324 N		103° 32' 49.044 W
- plan hits target center										
- Point										

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 2H
Company:	DEVON ENERGY	TVD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Project:	Lea County, NM (NAD-83)	MD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Site:	Boomslang 14-23 Fed	North Reference:	Grid
Well:	2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	APD Plan #1		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,290.00	1,290.00	Rustler		0.00	
1,770.00	1,770.00	Top Salt		0.00	
5,190.00	5,190.00	Delaware		0.00	
6,060.00	6,060.00	Cherry Canyon		0.00	
7,640.00	7,640.00	Brushy Canyon		0.00	
9,070.00	9,070.00	1st BS		0.00	
10,640.00	10,640.00	2nd BS SS		0.00	

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,634.04	10,634.04	0.00	0.00	KOP 10° DLS
11,534.04	11,207.00	-572.94	4.42	LP
20,962.17	11,207.00	-10,000.79	77.23	TD

DEVON ENERGY

Lea County, NM (NAD-83)

Boomslang 14 Fed

2H

OH

Plan #1

Anticollision Report

28 September, 2015

LEAM Drilling Systems LLC

Anticollision Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well 2H
Project:	Lea County, NM (NAD-83)	TVD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Reference Site:	Boomsiang 14 Fed	MD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	2H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Reference	Plan #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 9,999.98 usft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program		Date	9/28/2015		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	15,736.08	Plan #1 (OH)	LEAM MWD-ADJ	MWD - Standard	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Boomsiang 14 Fed						
Lela Mae Stevens Fed Com 1 (offset) - 1 - 1	12,763.70	11,184.75	404.98	-256.47	0.612	Level 1, CC, ES, SF

Offset Design	Boomsiang 14 Fed - Lela Mae Stevens Fed Com 1 (offset) - 1 - 1												Offset Site Error:	0.00 usft
Survey Program:	410-INC												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis	Distance	Warning										
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-178.70	-1,780.01	-40.36	1,780.61					
100.00	100.00	77.20	77.20	0.08	2.84	-178.70	-1,780.01	-40.36	1,780.47	1,777.54	2.92	609.351		
200.00	200.00	177.20	177.20	0.31	6.51	-178.70	-1,780.01	-40.36	1,780.47	1,773.84	6.82	260.986		
300.00	300.00	277.20	277.20	0.53	10.19	-178.70	-1,780.01	-40.36	1,780.47	1,769.74	10.72	166.053		
400.00	400.00	410.00	410.00	0.76	15.07	-178.70	-1,780.01	-40.36	1,780.77	1,764.94	15.83	112.508		
449.60	449.60	426.80	426.80	0.87	16.15	-178.70	-1,780.01	-40.36	1,780.47	1,763.45	17.01	104.645		
500.00	500.00	477.20	477.20	0.98	19.37	-178.70	-1,780.01	-40.36	1,780.47	1,760.11	20.35	87.486		
600.00	600.00	577.20	577.20	1.21	25.77	-178.70	-1,780.01	-40.36	1,780.47	1,753.49	26.97	66.009		
700.00	700.00	677.22	677.20	1.43	32.09	-178.70	-1,780.01	-40.36	1,780.47	1,746.95	33.52	53.124		
800.00	800.00	777.22	777.20	1.66	37.36	-178.70	-1,780.01	-40.36	1,780.47	1,741.45	39.01	45.838		
900.00	900.00	877.22	877.20	1.88	42.64	-178.70	-1,780.01	-40.36	1,780.47	1,735.95	44.51	40.001		
1,000.00	1,000.00	977.22	977.20	2.11	47.91	-178.70	-1,780.01	-40.36	1,780.47	1,730.46	50.01	35.603		
1,100.00	1,100.00	1,077.24	1,077.20	2.33	52.83	-178.70	-1,780.01	-40.36	1,780.47	1,725.31	55.15	32.283		
1,200.00	1,200.00	1,177.24	1,177.20	2.56	57.38	-178.70	-1,780.01	-40.36	1,780.47	1,720.54	59.93	29.711		
1,300.00	1,300.00	1,277.24	1,277.20	2.78	61.93	-178.70	-1,780.01	-40.36	1,780.47	1,715.76	64.70	27.519		
1,400.00	1,400.00	1,377.24	1,377.20	3.01	66.48	-178.70	-1,780.01	-40.36	1,780.47	1,710.99	69.48	25.627		
1,500.00	1,500.00	1,477.24	1,477.20	3.23	71.03	-178.70	-1,780.01	-40.36	1,780.47	1,706.22	74.25	23.979		
1,600.00	1,600.00	1,577.24	1,577.20	3.46	75.58	-178.70	-1,780.01	-40.36	1,780.47	1,701.44	79.02	22.531		
1,700.00	1,700.00	1,677.24	1,677.20	3.68	80.14	-178.70	-1,780.01	-40.36	1,780.47	1,696.67	83.80	21.247		
1,800.00	1,800.00	1,777.24	1,777.20	3.91	84.69	-178.70	-1,780.01	-40.36	1,780.47	1,691.89	88.57	20.102		
1,900.00	1,900.00	1,877.24	1,877.20	4.13	89.24	-178.70	-1,780.01	-40.36	1,780.47	1,687.12	93.35	19.074		
2,000.00	2,000.00	1,977.24	1,977.20	4.35	93.79	-178.70	-1,780.01	-40.36	1,780.47	1,682.34	98.12	18.145		
2,100.00	2,100.00	2,077.24	2,077.20	4.58	98.34	-178.70	-1,780.01	-40.36	1,780.47	1,677.57	102.90	17.303		
2,200.00	2,200.00	2,177.24	2,177.20	4.80	102.89	-178.70	-1,780.01	-40.36	1,780.47	1,672.79	107.67	16.536		
2,300.00	2,300.00	2,277.24	2,277.20	5.03	107.44	-178.70	-1,780.01	-40.36	1,780.47	1,668.02	112.45	15.834		
2,400.00	2,400.00	2,377.24	2,377.20	5.25	111.99	-178.70	-1,780.01	-40.36	1,780.47	1,663.25	117.22	15.189		

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

LEAM Drilling Systems LLC

Anticollision Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well 2H
Project:	Lea County, NM (NAD-83)	TVD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Reference Site:	Boomsiang 14 Fed	MD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	2H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 410-INC													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,500.00	2,500.00	2,477.24	2,477.20	5.48	116.54	-178.70	-1,780.01	-40.36	1,780.47	1,658.47	121.99	14.595		
2,600.00	2,600.00	2,577.24	2,577.20	5.70	121.09	-178.70	-1,780.01	-40.36	1,780.47	1,653.70	126.77	14.045		
2,700.00	2,700.00	2,677.24	2,677.20	5.93	125.64	-178.70	-1,780.01	-40.36	1,780.47	1,648.92	131.54	13.535		
2,800.00	2,800.00	2,777.24	2,777.20	6.15	130.19	-178.70	-1,780.01	-40.36	1,780.47	1,644.15	136.32	13.061		
2,900.00	2,900.00	2,877.24	2,877.20	6.38	134.74	-178.70	-1,780.01	-40.36	1,780.47	1,639.37	141.09	12.619		
3,000.00	3,000.00	2,977.24	2,977.20	6.60	139.29	-178.70	-1,780.01	-40.36	1,780.47	1,634.60	145.87	12.206		
3,100.00	3,100.00	3,077.24	3,077.20	6.83	143.84	-178.70	-1,780.01	-40.36	1,780.47	1,629.82	150.64	11.819		
3,200.00	3,200.00	3,177.30	3,177.20	7.05	148.68	-178.70	-1,780.01	-40.36	1,780.47	1,624.77	155.70	11.436		
3,300.00	3,300.00	3,277.30	3,277.20	7.28	153.92	-178.70	-1,780.01	-40.36	1,780.47	1,619.31	161.16	11.048		
3,400.00	3,400.00	3,377.30	3,377.20	7.50	159.16	-178.70	-1,780.01	-40.36	1,780.47	1,613.84	166.62	10.686		
3,500.00	3,500.00	3,477.30	3,477.20	7.73	164.39	-178.70	-1,780.01	-40.36	1,780.47	1,608.38	172.09	10.346		
3,600.00	3,600.00	3,577.30	3,577.20	7.95	169.63	-178.70	-1,780.01	-40.36	1,780.47	1,602.92	177.55	10.028		
3,700.00	3,700.00	3,677.31	3,677.20	8.18	174.85	-178.70	-1,780.01	-40.36	1,780.47	1,597.47	182.99	9.730		
3,800.00	3,800.00	3,777.31	3,777.20	8.40	180.05	-178.70	-1,780.01	-40.36	1,780.47	1,592.06	188.41	9.450		
3,900.00	3,900.00	3,877.31	3,877.20	8.63	185.24	-178.70	-1,780.01	-40.36	1,780.47	1,586.64	193.82	9.186		
4,000.00	4,000.00	3,977.31	3,977.20	8.85	190.43	-178.70	-1,780.01	-40.36	1,780.47	1,581.23	199.24	8.936		
4,100.00	4,100.00	4,077.31	4,077.20	9.07	195.62	-178.70	-1,780.01	-40.36	1,780.47	1,575.81	204.65	8.700		
4,200.00	4,200.00	4,177.34	4,177.20	9.30	200.82	-178.70	-1,780.01	-40.36	1,780.47	1,570.39	210.07	8.476		
4,300.00	4,300.00	4,277.34	4,277.20	9.52	206.01	-178.70	-1,780.01	-40.36	1,780.47	1,564.98	215.49	8.262		
4,400.00	4,400.00	4,377.34	4,377.20	9.75	211.20	-178.70	-1,780.01	-40.36	1,780.47	1,559.56	220.91	8.060		
4,500.00	4,500.00	4,477.34	4,477.20	9.97	216.40	-178.70	-1,780.01	-40.36	1,780.47	1,554.14	226.32	7.867		
4,600.00	4,600.00	4,577.34	4,577.20	10.20	221.59	-178.70	-1,780.01	-40.36	1,780.47	1,548.72	231.74	7.683		
4,700.00	4,700.00	4,677.35	4,677.20	10.42	226.77	-178.70	-1,780.01	-40.36	1,780.47	1,543.29	237.15	7.461		
4,800.00	4,800.00	4,777.35	4,777.20	10.65	231.96	-178.70	-1,780.01	-40.36	1,780.47	1,537.85	242.56	7.220		
4,900.00	4,900.00	4,877.35	4,877.20	10.87	237.15	-178.70	-1,780.01	-40.36	1,780.47	1,532.41	247.97	6.994		
5,000.00	5,000.00	4,977.35	4,977.20	11.10	242.34	-178.70	-1,780.01	-40.36	1,780.47	1,526.97	253.38	6.781		
5,100.00	5,100.00	5,077.37	5,077.20	11.32	247.53	-178.70	-1,780.01	-40.36	1,780.47	1,521.53	258.79	6.569		
5,200.00	5,199.99	5,177.36	5,177.19	11.53	252.72	-88.74	-1,780.01	-40.36	1,780.44	1,516.09	264.20	6.357		
5,300.00	5,299.91	5,277.28	5,277.11	11.73	257.91	-88.87	-1,780.01	-40.36	1,780.35	1,510.65	269.61	6.145		
5,400.00	5,399.69	5,377.07	5,376.89	11.93	263.10	-89.08	-1,780.01	-40.36	1,780.24	1,505.21	275.02	5.933		
5,500.00	5,499.27	5,476.64	5,476.47	12.14	268.29	-89.38	-1,780.01	-40.36	1,780.11	1,500.00	280.43	5.721		
5,600.00	5,598.72	5,576.17	5,575.92	12.35	273.48	-89.71	-1,780.01	-40.36	1,780.03	1,494.56	285.84	5.509		
5,685.89	5,684.14	5,661.59	5,661.34	12.53	311.67	-90.00	-1,780.01	-40.36	1,780.01	1,488.89	291.25	5.297		
5,700.00	5,698.17	5,676.62	5,676.37	12.56	312.85	-90.05	-1,780.01	-40.36	1,780.01	1,488.58	291.43	5.292		
5,800.00	5,797.63	5,775.08	5,774.83	12.78	321.20	-90.38	-1,780.01	-40.36	1,780.05	1,484.40	286.65	5.167		
5,900.00	5,897.08	5,874.53	5,874.28	13.00	329.56	-90.72	-1,780.01	-40.36	1,780.15	1,480.22	281.87	5.042		
6,000.00	5,996.53	6,011.00	6,010.69	13.22	341.02	-91.18	-1,780.01	-40.36	1,780.69	1,469.73	271.04	4.819		
6,037.59	6,033.91	6,011.42	6,011.11	13.31	341.05	-91.18	-1,780.01	-40.36	1,780.39	1,469.33	270.64	4.814		
6,100.00	6,095.98	6,073.49	6,073.18	13.45	345.47	-91.39	-1,780.01	-40.36	1,780.53	1,468.02	270.32	4.809		
6,200.00	6,195.43	6,172.94	6,172.63	13.67	352.56	-91.72	-1,780.01	-40.36	1,780.82	1,465.94	269.88	4.797		
6,300.00	6,294.89	6,272.39	6,272.09	13.91	359.64	-92.05	-1,780.01	-40.36	1,781.16	1,463.88	269.44	4.785		
6,400.00	6,394.34	6,371.84	6,371.54	14.14	366.73	-92.39	-1,780.01	-40.36	1,781.57	1,461.84	268.99	4.773		
6,500.00	6,493.79	6,471.30	6,470.99	14.37	373.81	-92.72	-1,780.01	-40.36	1,782.04	1,459.82	268.54	4.761		
6,600.00	6,593.24	6,570.81	6,570.44	14.61	379.64	-93.06	-1,780.01	-40.36	1,782.57	1,457.78	268.09	4.749		
6,700.00	6,692.70	6,670.26	6,669.90	14.85	384.82	-93.39	-1,780.01	-40.36	1,783.16	1,455.76	267.64	4.737		
6,800.00	6,792.15	6,769.71	6,769.35	15.09	390.00	-93.72	-1,780.01	-40.36	1,783.81	1,453.75	267.19	4.725		
6,900.00	6,891.60	6,869.16	6,868.80	15.33	395.19	-94.06	-1,780.01	-40.36	1,784.53	1,451.76	266.74	4.713		
7,000.00	6,991.05	6,968.61	6,968.25	15.58	400.37	-94.39	-1,780.01	-40.36	1,785.30	1,449.80	266.29	4.701		
7,100.00	7,090.50	7,068.09	7,067.70	15.83	405.10	-94.72	-1,780.01	-40.36	1,786.13	1,447.89	265.84	4.689		
7,200.00	7,189.96	7,167.54	7,167.16	16.07	409.62	-95.05	-1,780.01	-40.36	1,787.03	1,446.03	265.39	4.677		
7,300.00	7,289.41	7,267.00	7,266.61	16.32	414.14	-95.39	-1,780.01	-40.36	1,787.99	1,444.19	264.94	4.665		
7,400.00	7,388.86	7,366.45	7,366.06	16.58	418.67	-95.72	-1,780.01	-40.36	1,789.00	1,442.37	264.49	4.653		

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

LEAM Drilling Systems LLC

Anticollision Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well 2H
Project:	Lea County, NM (NAD-83)	TVD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Reference Site:	Boomsiang 14 Fed	MD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	2H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Boomsiang 14 Fed - Lela Mae Stevens Fed Com 1 (offset) - 1 - 1													Offset Well Error:	0.00 usft
Survey Program: 410-INC														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,500.00	7,488.31	7,465.90	7,465.51	16.83	423.19	-96.05	-1,780.01	-40.36	1,790.08	1,820.57	169.51	10.561		
7,600.00	7,587.77	7,565.37	7,564.97	17.08	427.28	-96.38	-1,780.01	-40.36	1,791.22	1,818.81	172.41	10.389		
7,700.00	7,687.22	7,664.82	7,664.42	17.34	431.17	-96.71	-1,780.01	-40.36	1,792.41	1,817.07	175.34	10.222		
7,800.00	7,786.67	7,764.27	7,763.87	17.59	435.06	-97.04	-1,780.01	-40.36	1,793.67	1,815.36	178.31	10.059		
7,900.00	7,886.12	7,863.72	7,863.32	17.85	438.95	-97.37	-1,780.01	-40.36	1,794.99	1,813.68	181.31	9.900		
8,000.00	7,985.57	7,974.00	7,973.59	18.11	443.26	-97.73	-1,780.01	-40.36	1,796.40	1,811.74	184.66	9.728		
8,100.00	8,085.03	8,062.64	8,062.23	18.37	446.73	-98.03	-1,780.01	-40.36	1,797.81	1,810.38	187.43	9.592		
8,200.00	8,184.48	8,162.09	8,161.68	18.63	450.63	-98.35	-1,780.01	-40.36	1,799.30	1,808.76	190.54	9.443		
8,300.00	8,283.93	8,261.55	8,261.13	18.89	454.52	-98.68	-1,780.01	-40.36	1,800.86	1,807.18	193.68	9.298		
8,400.00	8,383.38	8,361.00	8,360.58	19.16	458.42	-99.01	-1,780.01	-40.36	1,802.47	1,805.61	196.86	9.156		
8,500.00	8,482.84	8,474.00	8,473.58	19.42	462.84	-99.38	-1,780.01	-40.36	1,804.20	1,803.72	200.48	8.999		
8,600.00	8,582.29	8,559.91	8,559.49	19.68	467.32	-99.66	-1,780.01	-40.36	1,805.88	1,802.44	203.44	8.877		
8,700.00	8,681.74	8,659.36	8,658.94	19.95	472.50	-99.98	-1,780.01	-40.36	1,807.68	1,800.81	206.87	8.738		
8,800.00	8,781.19	8,758.81	8,758.39	20.22	477.69	-100.31	-1,780.01	-40.36	1,809.53	1,599.19	210.34	8.603		
8,900.00	8,880.64	8,858.27	8,857.84	20.48	482.87	-100.63	-1,780.01	-40.36	1,811.44	1,597.59	213.85	8.471		
9,000.00	8,980.10	8,971.00	8,970.56	20.75	488.75	-101.00	-1,780.01	-40.36	1,813.45	1,595.60	217.85	8.324		
9,100.00	9,079.55	9,057.18	9,056.75	21.02	493.79	-101.28	-1,780.01	-40.36	1,815.43	1,594.37	221.06	8.213		
9,200.00	9,179.00	9,156.64	9,156.20	21.29	499.61	-101.60	-1,780.01	-40.36	1,817.51	1,592.75	224.76	8.086		
9,300.00	9,278.45	9,256.09	9,255.65	21.56	505.42	-101.92	-1,780.01	-40.36	1,819.65	1,591.13	228.52	7.963		
9,360.00	9,338.12	9,315.76	9,315.32	21.72	508.92	-102.11	-1,780.01	-40.36	1,820.97	1,590.17	230.80	7.890		
9,400.00	9,377.93	9,355.56	9,355.13	21.82	511.24	-102.24	-1,780.01	-40.36	1,821.81	1,589.41	232.40	7.839		
9,500.00	9,477.59	9,484.00	9,483.54	22.03	518.76	-102.58	-1,780.01	-40.36	1,823.78	1,586.70	237.08	7.693		
9,501.94	9,479.53	9,484.00	9,483.54	22.04	518.76	-102.58	-1,780.01	-40.36	1,823.78	1,586.69	237.09	7.692		
9,600.00	9,577.44	9,555.10	9,554.64	22.23	523.37	-102.70	-1,780.01	-40.36	1,824.75	1,585.10	239.65	7.614		
9,700.00	9,677.40	9,655.06	9,654.60	22.42	529.86	-102.80	-1,780.01	-40.36	1,825.39	1,582.61	242.78	7.519		
9,760.00	9,737.39	9,715.05	9,714.59	22.53	533.75	-167.18	-1,780.01	-40.36	1,825.49	1,581.17	244.33	7.471		
9,800.00	9,777.39	9,755.05	9,754.59	22.60	536.35	167.18	-1,780.01	-40.36	1,825.49	1,580.11	245.38	7.439		
9,900.00	9,877.39	9,855.05	9,854.59	22.81	542.83	167.18	-1,780.01	-40.36	1,825.49	1,577.46	248.04	7.360		
10,000.00	9,977.39	9,984.00	9,983.51	23.02	551.20	167.18	-1,780.01	-40.36	1,825.72	1,574.32	251.40	7.262		
10,046.90	10,024.29	10,001.98	10,001.49	23.11	552.25	167.18	-1,780.01	-40.36	1,825.49	1,573.57	251.92	7.246		
10,100.00	10,077.39	10,055.08	10,054.59	23.22	555.35	167.18	-1,780.01	-40.36	1,825.49	1,572.22	253.27	7.208		
10,200.00	10,177.39	10,155.08	10,154.59	23.43	561.18	167.18	-1,780.01	-40.36	1,825.49	1,569.68	255.82	7.136		
10,300.00	10,277.39	10,255.08	10,254.59	23.64	567.02	167.18	-1,780.01	-40.36	1,825.49	1,567.13	258.37	7.066		
10,400.00	10,377.39	10,355.08	10,354.59	23.84	572.85	167.18	-1,780.01	-40.36	1,825.49	1,564.58	260.91	6.997		
10,500.00	10,477.39	10,455.08	10,454.59	24.05	578.69	167.18	-1,780.01	-40.36	1,825.49	1,562.03	263.46	6.929		
10,600.00	10,577.39	10,555.08	10,554.59	24.26	584.52	167.18	-1,780.01	-40.36	1,825.49	1,559.49	266.01	6.863		
10,656.65	10,634.04	10,611.77	10,611.24	24.38	587.83	167.18	-1,780.01	-40.36	1,825.49	1,558.04	267.45	6.825		
10,700.00	10,677.35	10,655.09	10,654.55	24.46	590.36	-12.86	-1,780.01	-40.36	1,823.90	1,554.77	269.13	6.777		
10,750.00	10,726.98	10,704.71	10,704.18	24.55	593.25	-13.04	-1,780.01	-40.36	1,818.10	1,547.99	270.11	6.731		
10,800.00	10,775.90	10,753.64	10,753.10	24.64	596.11	-13.34	-1,780.01	-40.36	1,808.10	1,537.74	270.36	6.688		
10,850.00	10,823.74	10,801.48	10,800.94	24.73	598.90	-13.80	-1,780.01	-40.36	1,794.00	1,523.90	270.09	6.642		
10,900.00	10,870.14	10,847.88	10,847.34	24.82	601.61	-14.42	-1,780.01	-40.36	1,775.89	1,506.27	269.62	6.587		
10,950.00	10,914.74	10,892.48	10,891.94	24.91	604.21	-15.23	-1,780.01	-40.36	1,753.93	1,484.51	269.42	6.510		
11,000.00	10,957.21	10,934.94	10,934.41	25.00	606.69	-16.27	-1,780.01	-40.36	1,728.29	1,458.10	270.19	6.397		
11,050.00	10,997.21	10,974.95	10,974.41	25.11	609.02	-17.60	-1,780.01	-40.36	1,699.17	1,426.29	272.88	6.227		
11,100.00	11,034.46	11,012.19	11,011.66	25.21	611.20	-19.30	-1,780.01	-40.36	1,666.81	1,388.05	278.76	5.979		
11,150.00	11,068.65	11,074.00	11,073.45	25.33	614.80	-21.87	-1,780.01	-40.36	1,631.70	1,338.21	293.49	5.560		
11,200.00	11,099.54	11,077.28	11,076.74	25.47	615.00	-24.26	-1,780.01	-40.36	1,593.43	1,286.36	307.07	5.189		
11,250.00	11,126.88	11,104.63	11,104.08	25.62	616.59	-27.91	-1,780.01	-40.36	1,553.00	1,219.14	333.86	4.852		
11,300.00	11,150.47	11,128.22	11,127.67	25.80	617.97	-32.72	-1,780.01	-40.36	1,510.50	1,138.17	372.33	4.057		
11,350.00	11,170.13	11,147.88	11,147.33	26.00	619.12	-39.16	-1,780.01	-40.36	1,466.28	1,041.83	424.45	3.455		
11,400.00	11,185.72	11,163.47	11,162.92	26.23	620.02	-47.76	-1,780.01	-40.36	1,420.70	930.87	489.83	2.900		

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

LEAM Drilling Systems LLC

Anticollision Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well 2H
Project:	Lea County, NM (NAD-83)	TVD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Reference Site:	Boomslang 14 Fed	MD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	2H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design Boomslang 14 Fed - Lela Mae Stevens Fed Com 1 (offset) - 1 - 1													Offset Site Error:	0.00 usft
Survey Program: 410-INC													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,450.00	11,197.10	11,174.85	11,174.30	26.50	620.89	-59.04	-1,780.01	-40.36	1,374.11	812.48	561.63	2.447		
11,500.00	11,204.20	11,181.95	11,181.40	26.79	621.10	-72.88	-1,780.01	-40.36	1,326.91	705.02	621.89	2.134		
11,550.00	11,206.96	11,184.71	11,184.16	27.10	621.26	-88.01	-1,780.01	-40.36	1,279.48	632.11	647.36	1.976		
11,556.65	11,207.00	11,184.75	11,184.20	27.15	621.27	-90.00	-1,780.01	-40.36	1,273.18	625.75	647.43	1.967		
11,600.00	11,207.00	11,184.75	11,184.20	27.45	621.27	-90.00	-1,780.01	-40.36	1,232.15	584.41	647.75	1.902		
11,700.00	11,207.00	11,184.75	11,184.20	28.21	621.27	-90.00	-1,780.01	-40.36	1,138.18	489.64	648.55	1.755		
11,800.00	11,207.00	11,184.75	11,184.20	29.08	621.27	-90.00	-1,780.01	-40.36	1,045.33	395.89	649.44	1.610		
11,900.00	11,207.00	11,184.75	11,184.20	30.03	621.27	-90.00	-1,780.01	-40.36	953.93	303.50	650.42	1.467 Level 3		
12,000.00	11,207.00	11,184.75	11,184.20	31.06	621.27	-90.00	-1,780.01	-40.36	864.43	212.94	651.49	1.327 Level 3		
12,100.00	11,207.00	11,184.75	11,184.20	32.16	621.27	-90.00	-1,780.01	-40.36	777.50	124.88	652.62	1.191 Level 2		
12,200.00	11,207.00	11,184.75	11,184.20	33.33	621.27	-90.00	-1,780.01	-40.36	694.09	40.28	653.81	1.062 Level 2		
12,300.00	11,207.00	11,184.75	11,184.20	34.55	621.27	-90.00	-1,780.01	-40.36	615.65	-39.42	655.06	0.940 Level 1		
12,400.00	11,207.00	11,184.75	11,184.20	35.83	621.27	-90.00	-1,780.01	-40.36	544.32	-112.05	656.37	0.829 Level 1		
12,500.00	11,207.00	11,184.75	11,184.20	37.15	621.27	-90.00	-1,780.01	-40.36	483.27	-174.45	657.71	0.735 Level 1		
12,600.00	11,207.00	11,184.75	11,184.20	38.51	621.27	-90.00	-1,780.01	-40.36	436.81	-222.29	659.10	0.663 Level 1		
12,700.00	11,207.00	11,184.75	11,184.20	39.91	621.27	-90.00	-1,780.01	-40.36	409.96	-250.57	660.53	0.621 Level 1		
12,763.70	11,207.00	11,184.75	11,184.20	40.82	621.27	-90.00	-1,780.01	-40.36	404.98	-256.47	661.45	0.612 Level 1, CC, ES, SF		
12,800.00	11,207.00	11,184.75	11,184.20	41.34	621.27	-90.00	-1,780.01	-40.36	406.61	-255.38	661.98	0.614 Level 1		
12,900.00	11,207.00	11,184.75	11,184.20	42.81	621.27	-90.00	-1,780.01	-40.36	427.30	-236.16	663.47	0.644 Level 1		
13,000.00	11,207.00	11,184.75	11,184.20	44.30	621.27	-90.00	-1,780.01	-40.36	468.88	-196.09	664.98	0.705 Level 1		
13,100.00	11,207.00	11,184.75	11,184.20	45.81	621.27	-90.00	-1,780.01	-40.36	526.41	-140.10	666.51	0.790 Level 1		
13,200.00	11,207.00	11,184.75	11,184.20	47.35	621.27	-90.00	-1,780.01	-40.36	595.29	-72.77	668.07	0.891 Level 1		
13,300.00	11,207.00	11,184.75	11,184.20	48.90	621.27	-90.00	-1,780.01	-40.36	672.04	2.40	669.64	1.004 Level 2		
13,400.00	11,207.00	11,184.75	11,184.20	50.48	621.27	-90.00	-1,780.01	-40.36	754.25	83.02	671.23	1.124 Level 2		
13,500.00	11,207.00	11,184.75	11,184.20	52.07	621.27	-90.00	-1,780.01	-40.36	840.33	167.49	672.84	1.249 Level 2		
13,600.00	11,207.00	11,184.75	11,184.20	53.68	621.27	-90.00	-1,780.01	-40.36	929.20	254.74	674.46	1.378 Level 3		
13,700.00	11,207.00	11,184.75	11,184.20	55.30	621.27	-90.00	-1,780.01	-40.36	1,020.14	344.04	676.09	1.509		
13,800.00	11,207.00	11,184.75	11,184.20	56.93	621.27	-90.00	-1,780.01	-40.36	1,112.63	434.89	677.74	1.642		
13,900.00	11,207.00	11,184.75	11,184.20	58.57	621.27	-90.00	-1,780.01	-40.36	1,206.32	526.92	679.39	1.776		
14,000.00	11,207.00	11,184.75	11,184.20	60.23	621.27	-90.00	-1,780.01	-40.36	1,300.95	619.89	681.06	1.910		
14,100.00	11,207.00	11,184.75	11,184.20	61.89	621.27	-90.00	-1,780.01	-40.36	1,396.32	713.59	682.74	2.045		
14,200.00	11,207.00	11,184.75	11,184.20	63.56	621.27	-90.00	-1,780.01	-40.36	1,492.31	807.89	684.42	2.180		
14,300.00	11,207.00	11,184.75	11,184.20	65.24	621.27	-90.00	-1,780.01	-40.36	1,588.79	902.68	686.11	2.316		
14,400.00	11,207.00	11,184.75	11,184.20	66.93	621.27	-90.00	-1,780.01	-40.36	1,685.68	997.87	687.81	2.451		
14,500.00	11,207.00	11,184.75	11,184.20	68.63	621.27	-90.00	-1,780.01	-40.36	1,782.91	1,093.39	689.52	2.586		
14,600.00	11,207.00	11,184.75	11,184.20	70.33	621.27	-90.00	-1,780.01	-40.36	1,880.43	1,189.21	691.23	2.720		
14,700.00	11,207.00	11,184.75	11,184.20	72.04	621.27	-90.00	-1,780.01	-40.36	1,978.20	1,285.26	692.94	2.855		
14,800.00	11,207.00	11,184.75	11,184.20	73.75	621.27	-90.00	-1,780.01	-40.36	2,076.19	1,381.52	694.67	2.989		
14,900.00	11,207.00	11,184.75	11,184.20	75.47	621.27	-90.00	-1,780.01	-40.36	2,174.35	1,477.96	696.39	3.122		
15,000.00	11,207.00	11,184.75	11,184.20	77.20	621.27	-90.00	-1,780.01	-40.36	2,272.68	1,574.55	698.13	3.255		
15,100.00	11,207.00	11,184.75	11,184.20	78.93	621.27	-90.00	-1,780.01	-40.36	2,371.15	1,671.28	699.86	3.388		
15,200.00	11,207.00	11,184.75	11,184.20	80.66	621.27	-90.00	-1,780.01	-40.36	2,469.74	1,768.13	701.60	3.520		
15,300.00	11,207.00	11,184.75	11,184.20	82.40	621.27	-90.00	-1,780.01	-40.36	2,568.43	1,865.09	703.35	3.652		
15,400.00	11,207.00	11,184.75	11,184.20	84.14	621.27	-90.00	-1,780.01	-40.36	2,667.23	1,962.14	705.09	3.783		
15,500.00	11,207.00	11,184.75	11,184.20	85.88	621.27	-90.00	-1,780.01	-40.36	2,766.11	2,059.27	706.84	3.913		
15,600.00	11,207.00	11,184.75	11,184.20	87.63	621.27	-90.00	-1,780.01	-40.36	2,865.07	2,156.47	708.60	4.043		
15,700.00	11,207.00	11,184.75	11,184.20	89.38	621.27	-90.00	-1,780.01	-40.36	2,964.10	2,253.75	710.36	4.173		
15,736.08	11,207.00	11,184.75	11,184.20	90.01	621.27	-90.00	-1,780.01	-40.36	2,999.85	2,288.86	710.99	4.219		

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

LEAM Drilling Systems LLC

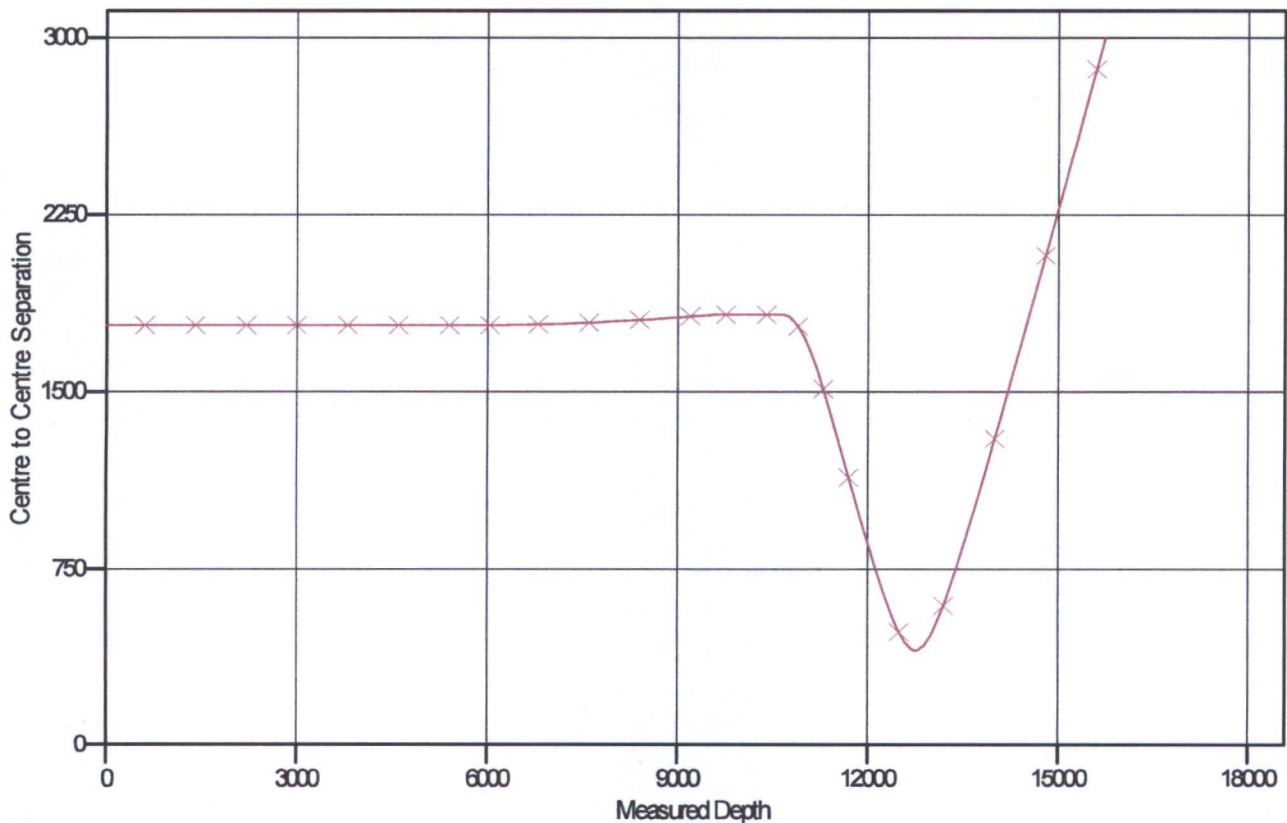
Anticollision Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well 2H
Project:	Lea County, NM (NAD-83)	TVD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Reference Site:	Boomsiang 14 Fed	MD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	2H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to 3599.8' GL + 25' RKB @ 3624.80usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: 2H
Coordinate System is US State Plane 1983, New Mexico Eastern Zone
Grid Convergence at Surface is: 0.42°

Ladder Plot



LEGEND

✕ Lela Mae Stevens Fed Com 1 (offset), 1, 1 V0

LEAM Drilling Systems LLC

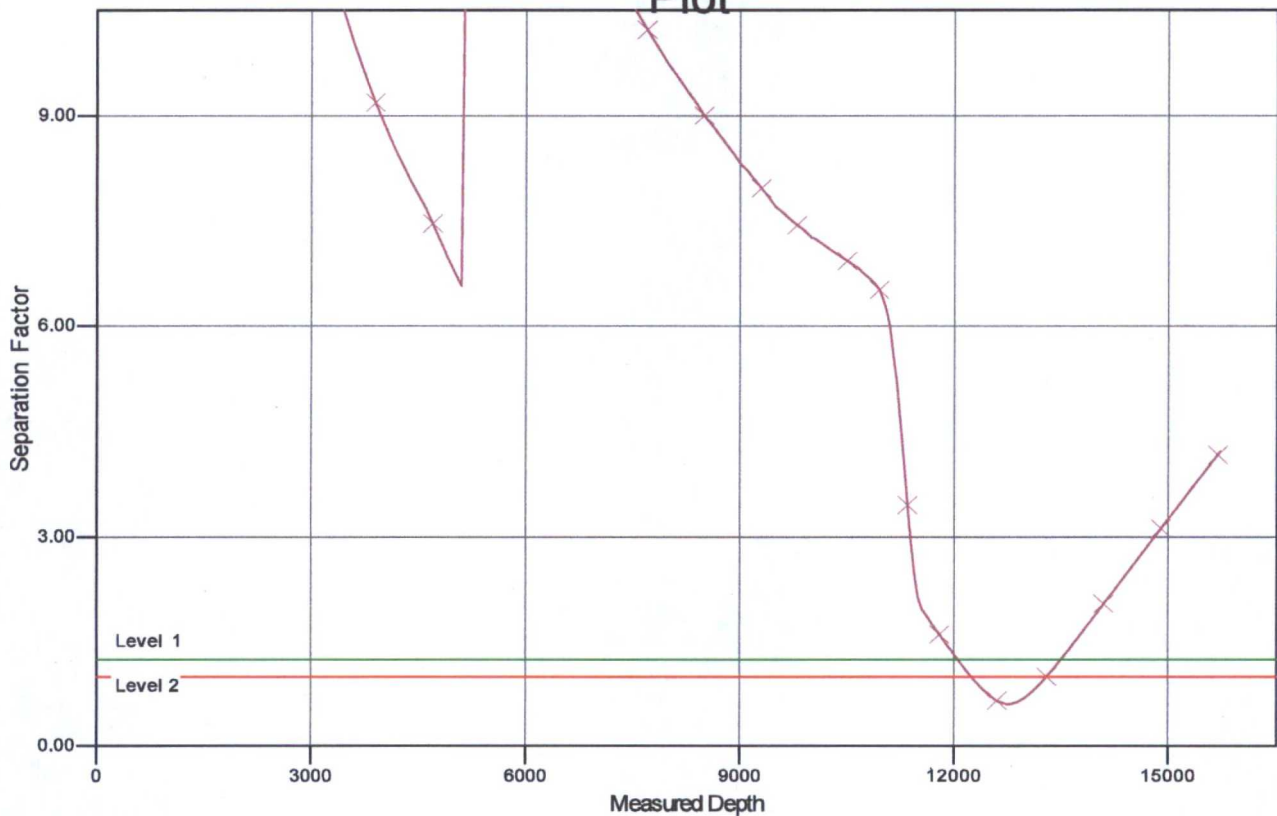
Anticollision Report

Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well 2H
Project:	Lea County, NM (NAD-83)	TVD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Reference Site:	Boomsiang 14 Fed	MD Reference:	3599.8' GL + 25' RKB @ 3624.80usft
Site Error:	0.00 usft	North Reference:	Grid
Reference Well:	2H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OH	Database:	EDM 5000.1 Single User Db
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to 3599.8' GL + 25' RKB @ 3624.80usft
 Offset Depths are relative to Offset Datum
 Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: 2H
 Coordinate System is US State Plane 1983, New Mexico Eastern Zone
 Grid Convergence at Surface is: 0.42°

Separation Factor Plot



LEGEND

✕ Lela Mae Stevens Fed Com 1 (offset), 1, 1 V0