

**5D Plan Report**

Devon Energy

Field Name: *Lea Co, NM Nad 83 NMEZ*
Site Name: *Fluffy Kitten 16 State VDW #2*
Well Name: *Fluffy Kitten 16 State VDW #2*
Plan: *P1:V1*

2 May 2017

HOFFER OGD
MAY 18 2017
REC'D





Fluffy Kitten 16 State VDW #2

Field Name:	Map Units: US ft			Company Name: Devon Energy		
Lea Co, NM Nad 83 NMEZ	Vertical Reference Datum (VRD): Mean Sea Level					
	Projected Coordinate System: NAD83 / New Mexico East (ftUS)					
	Comment:					
Site:	Units: US ft	North Reference: Grid	Convergence Angle: 0.35			
	Position:	Northing: 476115.93 US ft	Latitude: 32° 18' 26.01"			
		Easting: 743193.60 US ft	Longitude: -103° 40' 47.92"			
	Elevation above MSL: 3677.10 US ft					
Fluffy Kitten 16 State VDW #2	Comment:					
Slot:	Position (Relative to Site Centre)					
	+N/-S: 0.00 US ft	Northing: 476115.93 US ft	Latitude: 32°18'26.01"			
	+E/-W: 0.00 US ft	Easting: 743193.60 US ft	Longitude: -103°40'47.92"			
	Slot TVD Reference: Ground Elevation					
	Elevation above MSL: 3677.10 US ft					
Well:	Comment:					
	Type: Main well		UWI:		Plan: P1:V1	
	File Number:	Comment:				
	Closure Distance: 0US ft		Closure Azimuth: 0.00°			
	Vertical Section: Position of Origin (Relative to Slot centre)					
	+N/-S: 0.00 US ft		+E/-W: 0.00 US ft		Az: 0.00°	
	Magnetic Parameters:					
	Model: bggm2016	Field Strength: 48094.7nT	Declination: 7.07°	Dip: 60.13°	Date: 02/May/2017	

Drill floor: Plan: P1:V1

Rig Height (Drill Floor): 23.50us ft	Elevation above MSL: 3700.60us ft	Inclination: 0.00°	Azimuth: 0.00°
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Target set: Fluffy Kitten 16 State VDW Comment:

Target Name:	Shape:	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (USft)	Easting (USft)	Comment
PBHL #2	Point	13200.00	0.00	0.00	476115.93	743193.60	

Wellpath created using minimum curvature.

Tie Point:

MD: 0.00USFt	Inclination: 0.00°	Azimuth: 0.00°	TVD: 0.00USFt	North Offset: 0.00USFt	East Offset: 0.00USFt
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5D Plan Report

Salient Points: (Relative to Slot centre)(TVD relative to Drill Floor)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (%/100US ft)	B.Rate (%/100US ft)	T.Rate (%/100US ft)	T.Face (°)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13200.00	0.00	0.00	13200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	PBHL #2

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (%/100US ft)	Northing (US ft)	Easting (US ft)		Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
4600.00	0.00	0.00	4600.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
4700.00	0.00	0.00	4700.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
4800.00	0.00	0.00	4800.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
4900.00	0.00	0.00	4900.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
5000.00	0.00	0.00	5000.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
5100.00	0.00	0.00	5100.00	0.00	0.00	0.00	0.00	476115.93	743193.60		
5200.00	0.00	0.00	5200.00	0.00	0.00	0.00	0.00	476115.93	743193.60		

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100US ft)	Northing (US ft)	Easting (US ft)	Comment
5300.00	0.00	0.00	5300.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
5400.00	0.00	0.00	5400.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
5500.00	0.00	0.00	5500.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
5600.00	0.00	0.00	5600.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
5700.00	0.00	0.00	5700.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
5800.00	0.00	0.00	5800.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
5900.00	0.00	0.00	5900.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
6100.00	0.00	0.00	6100.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
6200.00	0.00	0.00	6200.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
6300.00	0.00	0.00	6300.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
6400.00	0.00	0.00	6400.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
6500.00	0.00	0.00	6500.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
6600.00	0.00	0.00	6600.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
6700.00	0.00	0.00	6700.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
6800.00	0.00	0.00	6800.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
6900.00	0.00	0.00	6900.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
7000.00	0.00	0.00	7000.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
7100.00	0.00	0.00	7100.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
7200.00	0.00	0.00	7200.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
7300.00	0.00	0.00	7300.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
7400.00	0.00	0.00	7400.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
7500.00	0.00	0.00	7500.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
7600.00	0.00	0.00	7600.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
7700.00	0.00	0.00	7700.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
7800.00	0.00	0.00	7800.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
7900.00	0.00	0.00	7900.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
8000.00	0.00	0.00	8000.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
8100.00	0.00	0.00	8100.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
8200.00	0.00	0.00	8200.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
8300.00	0.00	0.00	8300.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
8400.00	0.00	0.00	8400.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
8500.00	0.00	0.00	8500.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
8600.00	0.00	0.00	8600.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
8700.00	0.00	0.00	8700.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
8800.00	0.00	0.00	8800.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
8900.00	0.00	0.00	8900.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
9000.00	0.00	0.00	9000.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
9100.00	0.00	0.00	9100.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
9200.00	0.00	0.00	9200.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
9300.00	0.00	0.00	9300.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
9400.00	0.00	0.00	9400.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
9500.00	0.00	0.00	9500.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
9600.00	0.00	0.00	9600.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
9700.00	0.00	0.00	9700.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
9800.00	0.00	0.00	9800.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
9900.00	0.00	0.00	9900.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
10000.00	0.00	0.00	10000.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
10100.00	0.00	0.00	10100.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
10200.00	0.00	0.00	10200.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
10300.00	0.00	0.00	10300.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
10400.00	0.00	0.00	10400.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
10500.00	0.00	0.00	10500.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
10600.00	0.00	0.00	10600.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
10700.00	0.00	0.00	10700.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
10800.00	0.00	0.00	10800.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
10900.00	0.00	0.00	10900.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
11000.00	0.00	0.00	11000.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
11100.00	0.00	0.00	11100.00	0.00	0.00	0.00	0.00	476115.93	743193.60	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100US ft)	Northing (US ft)	Easting (US ft)	Comment
11200.00	0.00	0.00	11200.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
11300.00	0.00	0.00	11300.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
11400.00	0.00	0.00	11400.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
11500.00	0.00	0.00	11500.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
11600.00	0.00	0.00	11600.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
11700.00	0.00	0.00	11700.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
11800.00	0.00	0.00	11800.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
11900.00	0.00	0.00	11900.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
12000.00	0.00	0.00	12000.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
12100.00	0.00	0.00	12100.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
12200.00	0.00	0.00	12200.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
12300.00	0.00	0.00	12300.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
12400.00	0.00	0.00	12400.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
12500.00	0.00	0.00	12500.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
12600.00	0.00	0.00	12600.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
12700.00	0.00	0.00	12700.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
12800.00	0.00	0.00	12800.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
12900.00	0.00	0.00	12900.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
13000.00	0.00	0.00	13000.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
13100.00	0.00	0.00	13100.00	0.00	0.00	0.00	0.00	476115.93	743193.60	
13200.00	0.00	0.00	13200.00	0.00	0.00	0.00	0.00	476115.93	743193.60	PBHL #2