



5D Plan Report

Devon Energy

Field Name: *Lea Co, NM Nad 83 NMEZ*
Site Name: *White Dove 17 Fed 3H*
Well Name: *White Dove 17 Fed 3H*
Plan: *P1:V2*

2 October 2015



JAN 20 2016



White Dove 17 Fed 3H

Field Name: Lea Co, NM, Nad 83 NMEZ
Map Units: US ft
Company Name: Devon Energy
Vertical Reference Datum (VRD): Mean Sea Level
Projected Coordinate System: NAD83 / New Mexico East (ftUS)
Comment:

Site: White Dove 17 Fed 3H
Units: US ft
North Reference: Grid
Convergence Angle: 0.45
Position:
Northing: 473183.98US ft
Latitude: 32° 17' 53.09"
Easting: 800024.02US ft
Longitude: -103° 29' 46.04"
Elevation above MSL: 3479.00 US ft
Comment:

Slot: White Dove 17 Fed 3H
Position (Relative to Site Centre)
+N/-S: 0.00US ft
Northing: 473183.98US ft
Latitude: 32°17'53.09"
+E/-W: 0.00US ft
Easting: 800024.02US ft
Longitude: -103°29'46.04"
Slot TVD Reference: Ground Elevation
Elevation above MSL: 3479.00US ft
Comment:

Well: White Dove 17 Fed 3H
Type: Main well
UWI:
Plan: P1:V2
File Number:
Comment:
Closure Distance: 4765.52US ft
Closure Azimuth: 9.85°
Vertical Section: Position of Origin (Relative to Slot centre)
+N/-S: -0.00US ft
+E/-W: 0.00US ft
Az: 4.58°
Magnetic Parameters:
Model: bggm2015
Field Strength: 48252.0nT
Declination: 7.17°
Dip: 60.22°
Date: 30/Nov/2015

Drill floor: Plan: P1:V2
Rig Height (Drill Floor): 25.00us ft
Elevation above MSL: 3504.00us ft
Inclination: 0.00°
Azimuth: 0.00°

Target Name	Shape	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	Northing (USFt)	Easting (USFt)	Comment
PBHL 3H	Cuboid	10463.00	4695.32	814.96	477879.30	800838.98	

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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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	
5400.00	0.00	0.00	5400.00	-0.00	0.00	0.00	0.00	0.00	0.00	0.00	Nudge
5900.00	5.00	105.00	5899.37	-5.64	21.06	-3.94	1.00	1.00	0.00	105.00	Hold
8000.00	5.00	105.00	7991.37	-53.01	197.85	-37.05	0.00	0.00	0.00	0.00	Drop
9000.00	0.00	0.00	8990.11	-64.30	239.97	-44.93	0.50	-0.50	0.00	180.00	Hold
9985.60	0.00	0.00	9975.71	-64.30	239.97	-44.93	0.00	0.00	0.00	0.00	KOP
10185.60	20.00	30.00	10171.67	-34.38	257.25	-13.72	10.00	10.00	0.00	30.00	Build
10602.27	70.00	30.00	10457.04	212.76	399.93	244.02	12.00	12.00	0.00	0.00	Build/Turn
10871.26	90.54	4.58	10503.00	462.92	475.88	499.44	12.00	7.64	-9.45	306.51	LP
15117.41	90.54	4.58	10463.00	4695.32	814.96	4745.40	0.00	0.00	0.00	0.00	PBHL 3H

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	473183.98	800024.02		
100.00	0.00	0.00	100.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
200.00	0.00	0.00	200.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
300.00	0.00	0.00	300.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
400.00	0.00	0.00	400.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
500.00	0.00	0.00	500.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
600.00	0.00	0.00	600.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
700.00	0.00	0.00	700.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
800.00	0.00	0.00	800.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
900.00	0.00	0.00	900.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
1000.00	0.00	0.00	1000.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
1100.00	0.00	0.00	1100.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
1200.00	0.00	0.00	1200.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
1300.00	0.00	0.00	1300.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
1400.00	0.00	0.00	1400.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
1500.00	0.00	0.00	1500.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
1600.00	0.00	0.00	1600.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
1700.00	0.00	0.00	1700.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
1800.00	0.00	0.00	1800.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
1900.00	0.00	0.00	1900.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
2000.00	0.00	0.00	2000.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
2100.00	0.00	0.00	2100.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
2200.00	0.00	0.00	2200.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
2300.00	0.00	0.00	2300.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
2400.00	0.00	0.00	2400.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
2500.00	0.00	0.00	2500.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
2600.00	0.00	0.00	2600.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
2700.00	0.00	0.00	2700.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
2800.00	0.00	0.00	2800.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
2900.00	0.00	0.00	2900.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
3000.00	0.00	0.00	3000.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
3100.00	0.00	0.00	3100.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
3200.00	0.00	0.00	3200.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
3300.00	0.00	0.00	3300.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
3400.00	0.00	0.00	3400.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
3500.00	0.00	0.00	3500.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
3600.00	0.00	0.00	3600.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
3700.00	0.00	0.00	3700.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
3800.00	0.00	0.00	3800.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
3900.00	0.00	0.00	3900.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
4000.00	0.00	0.00	4000.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
4100.00	0.00	0.00	4100.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
4200.00	0.00	0.00	4200.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
4300.00	0.00	0.00	4300.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		
4400.00	0.00	0.00	4400.00	-0.00	0.00	0.00	0.00	473183.98	800024.02		

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
4500.00	0.00	0.00	4500.00	-0.00	0.00	0.00	0.00	473183.98	800024.02	
4600.00	0.00	0.00	4600.00	-0.00	0.00	0.00	0.00	473183.98	800024.02	
4700.00	0.00	0.00	4700.00	-0.00	0.00	0.00	0.00	473183.98	800024.02	
4800.00	0.00	0.00	4800.00	-0.00	0.00	0.00	0.00	473183.98	800024.02	
4900.00	0.00	0.00	4900.00	-0.00	0.00	0.00	0.00	473183.98	800024.02	
5000.00	0.00	0.00	5000.00	-0.00	0.00	0.00	0.00	473183.98	800024.02	
5100.00	0.00	0.00	5100.00	-0.00	0.00	0.00	0.00	473183.98	800024.02	
5200.00	0.00	0.00	5200.00	-0.00	0.00	0.00	0.00	473183.98	800024.02	
5300.00	0.00	0.00	5300.00	-0.00	0.00	0.00	0.00	473183.98	800024.02	
5400.00	0.00	0.00	5400.00	-0.00	0.00	0.00	0.00	473183.98	800024.02	Nudge
5500.00	1.00	105.00	5499.99	-0.23	0.84	-0.16	1.00	473183.75	800024.86	
5600.00	2.00	105.00	5599.96	-0.90	3.37	-0.63	1.00	473183.08	800027.39	
5700.00	3.00	105.00	5699.86	-2.03	7.58	-1.42	1.00	473181.95	800031.60	
5800.00	4.00	105.00	5799.68	-3.61	13.48	-2.52	1.00	473180.37	800037.50	
5900.00	5.00	105.00	5899.37	-5.64	21.06	-3.94	1.00	473178.34	800045.08	Hold
6000.00	5.00	105.00	5998.99	-7.90	29.48	-5.52	0.00	473176.08	800053.50	
6100.00	5.00	105.00	6098.60	-10.15	37.90	-7.10	0.00	473173.83	800061.92	
6200.00	5.00	105.00	6198.22	-12.41	46.32	-8.67	0.00	473171.57	800070.34	
6300.00	5.00	105.00	6297.84	-14.67	54.73	-10.25	0.00	473169.31	800078.75	
6400.00	5.00	105.00	6397.46	-16.92	63.15	-11.82	0.00	473167.06	800087.17	
6500.00	5.00	105.00	6497.08	-19.18	71.57	-13.40	0.00	473164.80	800095.59	
6600.00	5.00	105.00	6596.70	-21.43	79.99	-14.98	0.00	473162.55	800104.01	
6700.00	5.00	105.00	6696.32	-23.69	88.41	-16.55	0.00	473160.29	800112.43	
6800.00	5.00	105.00	6795.94	-25.94	96.83	-18.13	0.00	473158.04	800120.85	
6900.00	5.00	105.00	6895.56	-28.20	105.25	-19.71	0.00	473155.78	800129.27	
7000.00	5.00	105.00	6995.18	-30.46	113.66	-21.28	0.00	473153.52	800137.68	
7100.00	5.00	105.00	7094.80	-32.71	122.08	-22.86	0.00	473151.27	800146.10	
7200.00	5.00	105.00	7194.42	-34.97	130.50	-24.44	0.00	473149.01	800154.52	
7300.00	5.00	105.00	7294.04	-37.22	138.92	-26.01	0.00	473146.76	800162.94	
7400.00	5.00	105.00	7393.66	-39.48	147.34	-27.59	0.00	473144.50	800171.36	
7500.00	5.00	105.00	7493.28	-41.74	155.76	-29.16	0.00	473142.24	800179.78	
7600.00	5.00	105.00	7592.90	-43.99	164.18	-30.74	0.00	473139.99	800188.20	
7700.00	5.00	105.00	7692.52	-46.25	172.59	-32.32	0.00	473137.73	800196.61	
7800.00	5.00	105.00	7792.14	-48.50	181.01	-33.89	0.00	473135.48	800205.03	
7900.00	5.00	105.00	7891.76	-50.76	189.43	-35.47	0.00	473133.22	800213.45	
8000.00	5.00	105.00	7991.37	-53.01	197.85	-37.05	0.00	473130.97	800221.87	Drop
8100.00	4.50	105.00	8091.03	-55.16	205.85	-38.54	0.50	473128.82	800229.87	
8200.00	4.00	105.00	8190.76	-57.08	213.01	-39.88	0.50	473126.90	800237.03	
8300.00	3.50	105.00	8290.54	-58.77	219.32	-41.07	0.50	473125.21	800243.34	
8400.00	3.00	105.00	8390.38	-60.24	224.80	-42.09	0.50	473123.74	800248.82	
8500.00	2.50	105.00	8490.26	-61.48	229.44	-42.96	0.50	473122.50	800253.46	
8600.00	2.00	105.00	8590.19	-62.49	233.23	-43.67	0.50	473121.49	800257.25	
8700.00	1.50	105.00	8690.14	-63.28	236.18	-44.22	0.50	473120.70	800260.20	
8800.00	1.00	105.00	8790.12	-63.85	238.28	-44.62	0.50	473120.13	800262.30	
8900.00	0.50	105.00	8890.11	-64.19	239.55	-44.85	0.50	473119.79	800263.57	
9000.00	0.00	0.00	8990.11	-64.30	239.97	-44.93	0.50	473119.68	800263.99	Hold
9100.00	0.00	0.00	9090.11	-64.30	239.97	-44.93	0.00	473119.68	800263.99	
9200.00	0.00	0.00	9190.11	-64.30	239.97	-44.93	0.00	473119.68	800263.99	
9300.00	0.00	0.00	9290.11	-64.30	239.97	-44.93	0.00	473119.68	800263.99	
9400.00	0.00	0.00	9390.11	-64.30	239.97	-44.93	0.00	473119.68	800263.99	
9500.00	0.00	0.00	9490.11	-64.30	239.97	-44.93	0.00	473119.68	800263.99	
9600.00	0.00	0.00	9590.11	-64.30	239.97	-44.93	0.00	473119.68	800263.99	
9700.00	0.00	0.00	9690.11	-64.30	239.97	-44.93	0.00	473119.68	800263.99	
9800.00	0.00	0.00	9790.11	-64.30	239.97	-44.93	0.00	473119.68	800263.99	
9900.00	0.00	0.00	9890.11	-64.30	239.97	-44.93	0.00	473119.68	800263.99	
9985.60	0.00	0.00	9975.71	-64.30	239.97	-44.93	0.00	473119.68	800263.99	KOP
10000.00	1.44	30.00	9990.10	-64.14	240.06	-44.77	10.00	473119.84	800264.08	
10100.00	11.44	30.00	10089.35	-54.44	245.66	-34.65	10.00	473129.54	800269.68	
10185.60	20.00	30.00	10171.67	-34.38	257.25	-13.72	10.00	473149.60	800281.27	Build

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	
10200.00	21.73	30.00	10185.12	-29.94	259.81	-9.09	12.00	473154.04	800283.83		
10300.00	33.73	30.00	10273.48	10.28	283.03	32.85	12.00	473194.26	800307.05		
10400.00	45.73	30.00	10350.25	65.53	314.93	90.47	12.00	473249.51	800338.95		
10500.00	57.73	30.00	10412.08	133.40	354.11	161.25	12.00	473317.38	800378.13		
10600.00	69.73	30.00	10456.26	210.91	398.86	242.09	12.00	473394.89	800422.88		
10602.27	70.00	30.00	10457.04	212.76	399.93	244.02	12.00	473396.74	800423.95	Build/Turn	
10700.00	77.22	20.36	10484.66	297.50	439.61	331.65	12.00	473481.48	800463.63		
10800.00	84.94	11.05	10500.19	392.44	466.21	428.42	12.00	473576.42	800490.23		
10871.26	90.54	4.58	10503.00	462.92	475.88	499.44	12.00	473646.90	800499.90	LP	
10900.00	90.54	4.58	10502.72	491.57	478.18	528.18	0.00	473675.55	800502.20		
11000.00	90.54	4.58	10501.78	591.25	486.16	628.18	0.00	473775.23	800510.18		
11100.00	90.54	4.58	10500.84	690.92	494.15	728.17	0.00	473874.90	800518.17		
11200.00	90.54	4.58	10499.90	790.60	502.13	828.17	0.00	473974.58	800526.15		
11300.00	90.54	4.58	10498.96	890.27	510.12	928.16	0.00	474074.25	800534.14		
11400.00	90.54	4.58	10498.02	989.95	518.10	1028.16	0.00	474173.93	800542.12		
11500.00	90.54	4.58	10497.07	1089.63	526.09	1128.16	0.00	474273.61	800550.11		
11600.00	90.54	4.58	10496.13	1189.30	534.08	1228.15	0.00	474373.28	800558.10		
11700.00	90.54	4.58	10495.19	1288.98	542.06	1328.15	0.00	474472.96	800566.08		
11800.00	90.54	4.58	10494.25	1388.65	550.05	1428.14	0.00	474572.63	800574.07		
11900.00	90.54	4.58	10493.31	1488.33	558.03	1528.14	0.00	474672.31	800582.05		
12000.00	90.54	4.58	10492.36	1588.01	566.02	1628.13	0.00	474771.99	800590.04		
12100.00	90.54	4.58	10491.42	1687.68	574.00	1728.13	0.00	474871.66	800598.02		
12200.00	90.54	4.58	10490.48	1787.36	581.99	1828.12	0.00	474971.34	800606.01		
12300.00	90.54	4.58	10489.54	1887.04	589.97	1928.12	0.00	475071.02	800613.99		
12400.00	90.54	4.58	10488.60	1986.71	597.96	2028.12	0.00	475170.69	800621.98		
12500.00	90.54	4.58	10487.65	2086.39	605.95	2128.11	0.00	475270.37	800629.97		
12600.00	90.54	4.58	10486.71	2186.06	613.93	2228.11	0.00	475370.04	800637.95		
12700.00	90.54	4.58	10485.77	2285.74	621.92	2328.10	0.00	475469.72	800645.94		
12800.00	90.54	4.58	10484.83	2385.42	629.90	2428.10	0.00	475569.40	800653.92		
12900.00	90.54	4.58	10483.89	2485.09	637.89	2528.09	0.00	475669.07	800661.91		
13000.00	90.54	4.58	10482.94	2584.77	645.87	2628.09	0.00	475768.75	800669.89		
13100.00	90.54	4.58	10482.00	2684.45	653.86	2728.08	0.00	475868.43	800677.88		
13200.00	90.54	4.58	10481.06	2784.12	661.84	2828.08	0.00	475968.10	800685.86		
13300.00	90.54	4.58	10480.12	2883.80	669.83	2928.08	0.00	476067.78	800693.85		
13400.00	90.54	4.58	10479.18	2983.47	677.82	3028.07	0.00	476167.45	800701.84		
13500.00	90.54	4.58	10478.23	3083.15	685.80	3128.07	0.00	476267.13	800709.82		
13600.00	90.54	4.58	10477.29	3182.83	693.79	3228.06	0.00	476366.81	800717.81		
13700.00	90.54	4.58	10476.35	3282.50	701.77	3328.06	0.00	476466.48	800725.79		
13800.00	90.54	4.58	10475.41	3382.18	709.76	3428.05	0.00	476566.16	800733.78		
13900.00	90.54	4.58	10474.47	3481.85	717.74	3528.05	0.00	476665.83	800741.76		
14000.00	90.54	4.58	10473.53	3581.53	725.73	3628.04	0.00	476765.51	800749.75		
14100.00	90.54	4.58	10472.58	3681.21	733.71	3728.04	0.00	476865.19	800757.73		
14200.00	90.54	4.58	10471.64	3780.88	741.70	3828.04	0.00	476964.86	800765.72		
14300.00	90.54	4.58	10470.70	3880.56	749.69	3928.03	0.00	477064.54	800773.71		
14400.00	90.54	4.58	10469.76	3980.24	757.67	4028.03	0.00	477164.22	800781.69		
14500.00	90.54	4.58	10468.82	4079.91	765.66	4128.02	0.00	477263.89	800789.68		
14600.00	90.54	4.58	10467.87	4179.59	773.64	4228.02	0.00	477363.57	800797.66		
14700.00	90.54	4.58	10466.93	4279.26	781.63	4328.01	0.00	477463.24	800805.65		
14800.00	90.54	4.58	10465.99	4378.94	789.61	4428.01	0.00	477562.92	800813.63		
14900.00	90.54	4.58	10465.05	4478.62	797.60	4528.00	0.00	477662.60	800821.62		
15000.00	90.54	4.58	10464.11	4578.29	805.58	4628.00	0.00	477762.27	800829.60		
15100.00	90.54	4.58	10463.16	4677.97	813.57	4728.00	0.00	477861.95	800837.59		
15117.41	90.54	4.58	10463.00	4695.32	814.96	4745.40	0.00	477879.30	800838.98	PBHL 3H	



Weatherford

Weatherford Drilling Services

GeoDec4 v2.1.0.0

Report Date: October 01, 2015
 Job Number: _____
 Customer: Devon Energy
 Well Name: White Dove 17 Fed 3H
 API Number: _____
 Rig Name: _____
 Location: Lea Co, NM Nad83 NME
 Block: _____
 Engineer: _____

NAD83 / New Mexico East (ftUS)	NAD83 (1986)
Projected Coordinate System	Geodetic Coordinate System
Datum: North American Datum 1983 (1986)	Datum: North American Datum 1983 (1986)
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
EPSG: 2257	EPSG: 4269
North: 473183.98 US Survey Foot	Latitude: 32.29808 Degree
East: 800024.02 US Survey Foot	Longitude: -103.496122 Degree
Convergence: 0.45°	
Declination: 7.17°	
Total Correction: 6.72°	
Datum Transformation: none	

Geodetic Location WGS84
 MSL Elevation = 0 m
 Latitude = 32° 17' 53.09" N
 Longitude = 103° 29' 46.04" W

Magnetic Declination = 7.17 deg	[True North Offset]
Local Gravity = .9988 g	Checksum = 6527
Local Field Strength = 48252 nT	Magnetic Vector X = 23777 nT
Magnetic Dip = 60.22 deg	Magnetic Vector Y = 2993 nT
Magnetic Model = bggm2015.dat	Magnetic Vector Z = 41880 nT
Run Date = November 30, 2015	Magnetic Vector H = 23965 nT

Signed: _____ Date: _____

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