



Devon Energy
Morab 29-20 Fed Com 2H
Lea Co, NM



Plan Data for Morab 29-20 Fed Com 3H

Plan Point Information:											
Dogleg Severity Unit: %/100.00ft				Position offsets from Slot centre							
MD	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS	Comments	
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)		
0.00	0.00	0.00	0.00	0.00	0.00	401375.35	738323.32	0.00	0.00		
5946.01	0.00	0.00	5946.01	0.00	0.00	401375.35	738323.32	0.00	0.00	Nudge	
6646.01	7.00	95.00	6644.27	-3.72	42.54	401371.63	738365.86	-2.39	1.00	Hold	
8646.01	7.00	95.00	8629.36	-24.97	285.36	401350.38	738608.68	-16.04	0.00	Drop	
10046.01	0.00	0.00	10025.88	-32.41	370.45	401342.94	738693.77	-20.82	0.50	KOP	
10246.01	20.00	1.79	10221.85	2.13	371.53	401377.48	738694.85	13.73	10.00	Build 12° DLS	
10832.07	90.33	1.79	10536.00	453.31	385.62	401828.66	738708.94	465.13	12.00	LP	
17827.60	90.33	1.79	10496.00	7445.31	603.96	408820.66	738927.28	7460.54	0.00	PBHL 3H	

Plan Data for Morab 29-20 Fed Com 3H

Field: Lea Co, NM Nad 83 NMEZ
Map Unit: USft Vertical Reference Datum (VRD): Mean Sea Level
Projected Coordinate System: NAD83 / New Mexico East (ftUS)

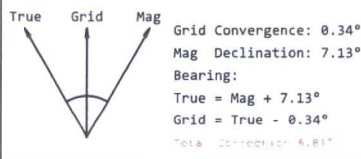
Site: Morab 29-20 Fed Com 3H
Unit: USFoot TVD Reference:
Company Name: Devon Energy
Position: Northing: 401375.35USft Latitude: 32.101863°
Easting: 738323.32USft Longitude: -103.697172°
North Reference: Grid Grid Convergence: 0.34°
Elevation Above VRD: 3361.00USft

Slot: Morab 29-20 Fed Com 3H
Position:
Offset is from Site centre
+N/-S: 0.00USft Northing: 401375.35USft Latitude: 32.101863°
+E/-W: 0.00USft Easting: 738323.32USft Longitude: -103.697172°
Elevation Above VRD: 3361.00USft

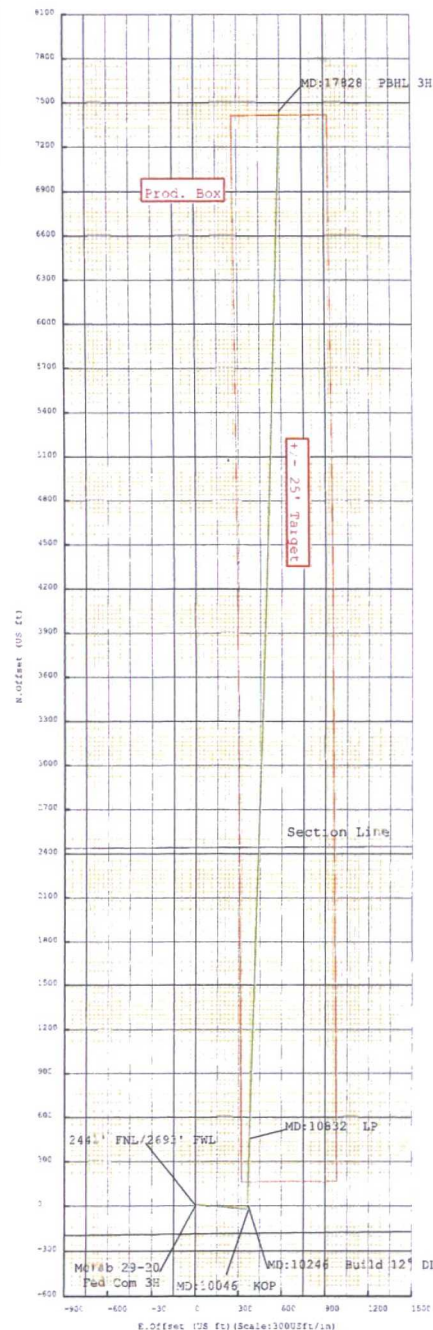
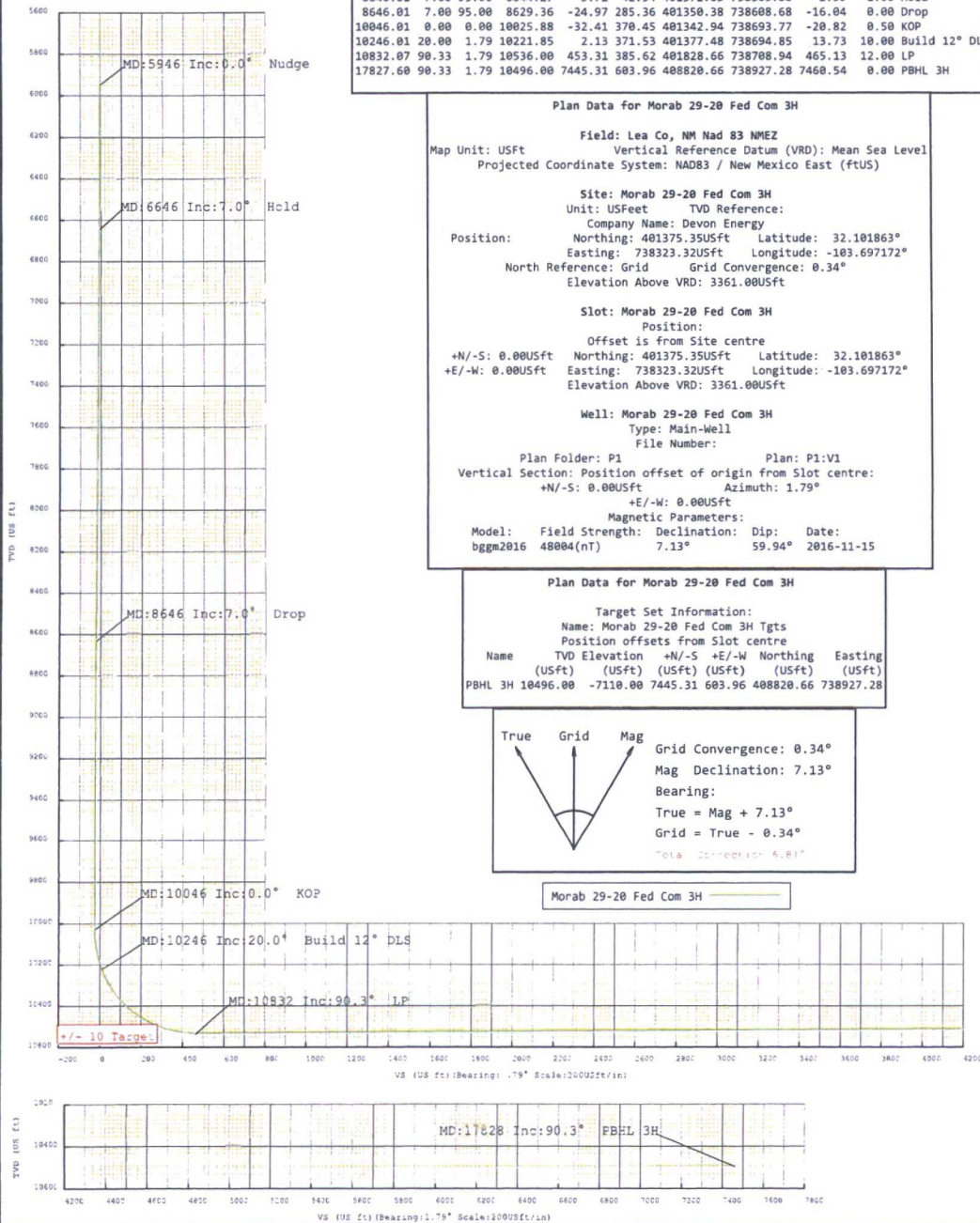
Well: Morab 29-20 Fed Com 3H
Type: Main-Well
File Number:
Plan Folder: P1 Plan: P1.V1
Vertical Section: Position offset of origin from Slot centre:
+N/-S: 0.00USft Azimuth: 1.79°
+E/-W: 0.00USft
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
bggm2016 48004(nT) 7.13° 59.94° 2016-11-15

Plan Data for Morab 29-20 Fed Com 3H

Target Set Information:
Name: Morab 29-20 Fed Com 3H Tgts
Position offsets from Slot centre
Name TVD Elevation +N/-S +E/-W Northing Easting
(USft) (USft) (USft) (USft) (USft) (USft)
PBHL 3H 10496.00 -7110.00 7445.31 603.96 408820.66 738927.28



Morab 29-20 Fed Com 3H





5D Plan Report

Devon Energy

Field Name: *Lea Co, NM Nad 83 NMEZ*
Site Name: *Morab 29-20 Fed Com 3H*
Well Name: *Morab 29-20 Fed Com 3H*
Plan: *P1:V1*

4 October 2016

HOBBS OCD

MAY 01 2017

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Morab 29-20 Fed Com 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: Morab 29-20 Fed Com 3H	Units: US ft	North Reference: Grid	Convergence Angle: 0.34	
	Position:	Northing: 401375.35 US ft	Latitude: 32° 6' 6.71"	
		Easting: 738323.32 US ft	Longitude: -103° 41' 49.82"	
	Elevation above MSL:3361.00 US ft			
Comment:				
Slot: Morab 29-20 Fed Com 3H	Position (Relative to Site Centre)			
	+N/-S: 0.00 US ft	Northing: 401375.35 US ft	Latitude: 32°6'6.71"	
	+E/-W: 0.00 US ft	Easting: 738323.32 US ft	Longitude: -103°41'49.82"	
	Slot TVD Reference: Ground Elevation			
	Elevation above MSL: 3361.00 US ft			
	Comment:			
Well: Morab 29-20 Fed Com 3H	Type:Main well	UWI:	Plan:P1:V1	
	File Number:	Comment:		
	Closure Distance:7469.77US ft	Closure Azimuth:4.64°		
	Vertical Section: Position of Origin (Relative to Slot centre)			
	+N/-S: 0.00 US ft	+E/-W: 0.00 US ft	Az: 1.79°	
	Magnetic Parameters:			
	Model: bggm2016	Field Strength: 48004.5nT	Declination: 7.13°	Dip: 59.94°
	Date: 15/Nov/2016			

Drill floor: Plan: P1:V1

Rig Height (Drill Floor): 25.00 US ft	Elevation above MSL: 3386.00 US ft	Inclination: 0.00°	Azimuth: 0.00°
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Target set: Morab 29-20 Fed Com 3H Tgts Comment:

Target Name:	Shape:	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	Northing (US ft)	Easting (US ft)	Comment
PBHL 3H	Point	10496.00	7445.31	603.96	408820.66	738927.28	

Wellpath created using minimum curvature.

Tie Point:

MD: 0.00 US ft	Inclination: 0.00°	Azimuth: 0.00°	TVD: 0.00 US ft	North Offset: 0.00 US ft	East Offset: 0.00 US ft
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SD 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	
5946.01	0.00	0.00	5946.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Nudge
6646.01	7.00	95.00	6644.27	-3.72	42.54	-2.39	1.00	1.00	0.00	95.00	Hold
8646.01	7.00	95.00	8629.36	-24.97	285.36	-16.04	0.00	0.00	0.00	0.00	Drop
10046.01	0.00	0.00	10025.88	-32.41	370.45	-20.82	0.50	-0.50	0.00	180.00	KOP
10246.01	20.00	1.79	10221.85	2.13	371.53	13.73	10.00	10.00	0.00	1.79	Build 12° DLS
10832.07	90.33	1.79	10536.00	453.31	385.62	465.13	12.00	12.00	-0.00	360.00	LP
17827.60	90.33	1.79	10496.00	7445.31	603.96	7460.54	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	401375.35	738323.32		
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	401375.35	738323.32		
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	401375.35	738323.32		

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
4600.00	0.00	0.00	4600.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
4700.00	0.00	0.00	4700.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
4800.00	0.00	0.00	4800.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
4900.00	0.00	0.00	4900.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
5000.00	0.00	0.00	5000.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
5100.00	0.00	0.00	5100.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
5200.00	0.00	0.00	5200.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
5300.00	0.00	0.00	5300.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
5400.00	0.00	0.00	5400.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
5500.00	0.00	0.00	5500.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
5600.00	0.00	0.00	5600.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
5700.00	0.00	0.00	5700.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
5800.00	0.00	0.00	5800.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
5900.00	0.00	0.00	5900.00	0.00	0.00	0.00	0.00	401375.35	738323.32	
5946.01	0.00	0.00	5946.01	0.00	0.00	0.00	0.00	401375.35	738323.32	Nudge
6000.00	0.54	95.00	6000.00	-0.02	0.25	-0.01	1.00	401375.33	738323.57	
6100.00	1.54	95.00	6099.98	-0.18	2.06	-0.12	1.00	401375.17	738325.38	
6200.00	2.54	95.00	6199.92	-0.49	5.61	-0.32	1.00	401374.86	738328.93	
6300.00	3.54	95.00	6299.77	-0.95	10.89	-0.61	1.00	401374.40	738334.21	
6400.00	4.54	95.00	6399.53	-1.57	17.91	-1.01	1.00	401373.78	738341.23	
6500.00	5.54	95.00	6499.14	-2.33	26.66	-1.50	1.00	401373.02	738349.98	
6600.00	6.54	95.00	6598.58	-3.25	37.14	-2.09	1.00	401372.10	738360.46	
6646.01	7.00	95.00	6644.27	-3.72	42.54	-2.39	1.00	401371.63	738365.86	Hold
6700.00	7.00	95.00	6697.86	-4.30	49.10	-2.76	0.00	401371.05	738372.42	
6800.00	7.00	95.00	6797.11	-5.36	61.24	-3.44	0.00	401369.99	738384.56	
6900.00	7.00	95.00	6896.37	-6.42	73.38	-4.12	0.00	401368.93	738396.70	
7000.00	7.00	95.00	6995.62	-7.48	85.52	-4.81	0.00	401367.87	738408.84	
7100.00	7.00	95.00	7094.88	-8.54	97.66	-5.49	0.00	401366.81	738420.98	
7200.00	7.00	95.00	7194.13	-9.61	109.80	-6.17	0.00	401365.74	738433.12	
7300.00	7.00	95.00	7293.39	-10.67	121.94	-6.85	0.00	401364.68	738445.26	
7400.00	7.00	95.00	7392.64	-11.73	134.08	-7.54	0.00	401363.62	738457.40	
7500.00	7.00	95.00	7491.89	-12.79	146.22	-8.22	0.00	401362.56	738469.54	
7600.00	7.00	95.00	7591.15	-13.86	158.36	-8.90	0.00	401361.49	738481.68	
7700.00	7.00	95.00	7690.40	-14.92	170.51	-9.58	0.00	401360.43	738493.83	
7800.00	7.00	95.00	7789.66	-15.98	182.65	-10.27	0.00	401359.37	738505.97	
7900.00	7.00	95.00	7888.91	-17.04	194.79	-10.95	0.00	401358.31	738518.11	
8000.00	7.00	95.00	7988.17	-18.10	206.93	-11.63	0.00	401357.25	738530.25	
8100.00	7.00	95.00	8087.42	-19.17	219.07	-12.31	0.00	401356.18	738542.39	
8200.00	7.00	95.00	8186.68	-20.23	231.21	-13.00	0.00	401355.12	738554.53	
8300.00	7.00	95.00	8285.93	-21.29	243.35	-13.68	0.00	401354.06	738566.67	
8400.00	7.00	95.00	8385.19	-22.35	255.49	-14.36	0.00	401353.00	738578.81	
8500.00	7.00	95.00	8484.44	-23.41	267.63	-15.04	0.00	401351.94	738590.95	
8600.00	7.00	95.00	8583.70	-24.48	279.77	-15.73	0.00	401350.87	738603.09	
8646.01	7.00	95.00	8629.36	-24.97	285.36	-16.04	0.00	401350.38	738608.68	Drop
8700.00	6.73	95.00	8682.97	-25.53	291.78	-16.40	0.50	401349.82	738615.10	
8800.00	6.23	95.00	8782.33	-26.51	303.03	-17.03	0.50	401348.84	738626.35	
8900.00	5.73	95.00	8881.78	-27.42	313.41	-17.62	0.50	401347.93	738636.73	
9000.00	5.23	95.00	8981.32	-28.25	322.92	-18.15	0.50	401347.10	738646.24	
9100.00	4.73	95.00	9080.95	-29.01	331.57	-18.64	0.50	401346.34	738654.89	
9200.00	4.23	95.00	9180.64	-29.69	339.35	-19.07	0.50	401345.66	738662.67	
9300.00	3.73	95.00	9280.40	-30.29	346.26	-19.46	0.50	401345.06	738669.58	
9400.00	3.23	95.00	9380.21	-30.82	352.31	-19.80	0.50	401344.53	738675.63	
9500.00	2.73	95.00	9480.08	-31.28	357.49	-20.09	0.50	401344.07	738680.81	
9600.00	2.23	95.00	9579.98	-31.65	361.80	-20.34	0.50	401343.70	738685.12	
9700.00	1.73	95.00	9679.92	-31.95	365.24	-20.53	0.50	401343.40	738688.56	
9800.00	1.23	95.00	9779.89	-32.18	367.82	-20.67	0.50	401343.17	738691.14	
9900.00	0.73	95.00	9879.88	-32.33	369.52	-20.77	0.50	401343.02	738692.84	
10000.00	0.23	95.00	9979.87	-32.40	370.35	-20.82	0.50	401342.95	738693.67	
10046.01	0.00	0.00	10025.88	-32.41	370.45	-20.82	0.50	401342.94	738693.77	KOP

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
10100.00	5.40	1.79	10079.79	-29.87	370.53	-18.28	10.00	401345.48	738693.85	Build 12° DLS
10200.00	15.40	1.79	10178.02	-11.85	371.09	-0.25	10.00	401363.50	738694.41	
10246.01	20.00	1.79	10221.85	2.13	371.53	13.73	10.00	401377.48	738694.85	
10300.00	26.48	1.79	10271.43	23.41	372.19	35.02	12.00	401398.76	738695.51	LP
10400.00	38.48	1.79	10355.63	76.98	373.86	88.62	12.00	401452.33	738697.18	
10500.00	50.48	1.79	10426.85	146.89	376.05	158.56	12.00	401522.24	738699.37	
10600.00	62.48	1.79	10481.98	230.06	378.65	241.78	12.00	401605.41	738701.97	
10700.00	74.48	1.79	10518.59	322.87	381.54	334.63	12.00	401698.22	738704.86	
10800.00	86.48	1.79	10535.11	421.27	384.62	433.08	12.00	401796.62	738707.94	
10832.07	90.33	1.79	10536.00	453.31	385.62	465.13	12.00	401828.66	738708.94	
10900.00	90.33	1.79	10535.61	521.20	387.74	533.06	0.00	401896.55	738711.06	
11000.00	90.33	1.79	10535.04	621.15	390.86	633.06	0.00	401996.50	738714.18	
11100.00	90.33	1.79	10534.47	721.10	393.98	733.05	0.00	402096.45	738717.30	
11200.00	90.33	1.79	10533.90	821.05	397.10	833.05	0.00	402196.40	738720.42	
11300.00	90.33	1.79	10533.32	921.00	400.22	933.05	0.00	402296.35	738723.54	
11400.00	90.33	1.79	10532.75	1020.95	403.34	1033.05	0.00	402396.30	738726.66	
11500.00	90.33	1.79	10532.18	1120.90	406.46	1133.05	0.00	402496.25	738729.78	
11600.00	90.33	1.79	10531.61	1220.85	409.59	1233.05	0.00	402596.20	738732.91	
11700.00	90.33	1.79	10531.04	1320.80	412.71	1333.04	0.00	402696.15	738736.03	
11800.00	90.33	1.79	10530.47	1420.75	415.83	1433.04	0.00	402796.10	738739.15	
11900.00	90.33	1.79	10529.89	1520.70	418.95	1533.04	0.00	402896.05	738742.27	
12000.00	90.33	1.79	10529.32	1620.65	422.07	1633.04	0.00	402996.00	738745.39	
12100.00	90.33	1.79	10528.75	1720.60	425.19	1733.04	0.00	403095.95	738748.51	
12200.00	90.33	1.79	10528.18	1820.54	428.31	1833.04	0.00	403195.89	738751.63	
12300.00	90.33	1.79	10527.61	1920.49	431.43	1933.03	0.00	403295.84	738754.75	
12400.00	90.33	1.79	10527.03	2020.44	434.55	2033.03	0.00	403395.79	738757.87	
12500.00	90.33	1.79	10526.46	2120.39	437.68	2133.03	0.00	403495.74	738761.00	
12600.00	90.33	1.79	10525.89	2220.34	440.80	2233.03	0.00	403595.69	738764.12	
12700.00	90.33	1.79	10525.32	2320.29	443.92	2333.03	0.00	403695.64	738767.24	
12800.00	90.33	1.79	10524.75	2420.24	447.04	2433.03	0.00	403795.59	738770.36	
12900.00	90.33	1.79	10524.18	2520.19	450.16	2533.02	0.00	403895.54	738773.48	
13000.00	90.33	1.79	10523.60	2620.14	453.28	2633.02	0.00	403995.49	738776.60	
13100.00	90.33	1.79	10523.03	2720.09	456.40	2733.02	0.00	404095.44	738779.72	
13200.00	90.33	1.79	10522.46	2820.04	459.52	2833.02	0.00	404195.39	738782.84	
13300.00	90.33	1.79	10521.89	2919.99	462.65	2933.02	0.00	404295.34	738785.97	
13400.00	90.33	1.79	10521.32	3019.94	465.77	3033.02	0.00	404395.29	738789.09	
13500.00	90.33	1.79	10520.74	3119.89	468.89	3133.01	0.00	404495.24	738792.21	
13600.00	90.33	1.79	10520.17	3219.84	472.01	3233.01	0.00	404595.19	738795.33	
13700.00	90.33	1.79	10519.60	3319.79	475.13	3333.01	0.00	404695.14	738798.45	
13800.00	90.33	1.79	10519.03	3419.74	478.25	3433.01	0.00	404795.09	738801.57	
13900.00	90.33	1.79	10518.46	3519.69	481.37	3533.01	0.00	404895.04	738804.69	
14000.00	90.33	1.79	10517.89	3619.64	484.49	3633.01	0.00	404994.99	738807.81	
14100.00	90.33	1.79	10517.31	3719.59	487.61	3733.00	0.00	405094.94	738810.93	
14200.00	90.33	1.79	10516.74	3819.54	490.74	3833.00	0.00	405194.89	738814.06	
14300.00	90.33	1.79	10516.17	3919.49	493.86	3933.00	0.00	405294.84	738817.18	
14400.00	90.33	1.79	10515.60	4019.44	496.98	4033.00	0.00	405394.79	738820.30	
14500.00	90.33	1.79	10515.03	4119.39	500.10	4133.00	0.00	405494.74	738823.42	
14600.00	90.33	1.79	10514.46	4219.34	503.22	4233.00	0.00	405594.69	738826.54	
14700.00	90.33	1.79	10513.88	4319.29	506.34	4332.99	0.00	405694.64	738829.66	
14800.00	90.33	1.79	10513.31	4419.24	509.46	4432.99	0.00	405794.59	738832.78	
14900.00	90.33	1.79	10512.74	4519.19	512.58	4532.99	0.00	405894.54	738835.90	
15000.00	90.33	1.79	10512.17	4619.13	515.71	4632.99	0.00	405994.48	738839.03	
15100.00	90.33	1.79	10511.60	4719.08	518.83	4732.99	0.00	406094.43	738842.15	
15200.00	90.33	1.79	10511.02	4819.03	521.95	4832.99	0.00	406194.38	738845.27	
15300.00	90.33	1.79	10510.45	4918.98	525.07	4932.98	0.00	406294.33	738848.39	
15400.00	90.33	1.79	10509.88	5018.93	528.19	5032.98	0.00	406394.28	738851.51	
15500.00	90.33	1.79	10509.31	5118.88	531.31	5132.98	0.00	406494.23	738854.63	
15600.00	90.33	1.79	10508.74	5218.83	534.43	5232.98	0.00	406594.18	738857.75	

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
15700.00	90.33	1.79	10508.17	5318.78	537.55	5332.98	0.00	406694.13	738860.87	
15800.00	90.33	1.79	10507.59	5418.73	540.68	5432.98	0.00	406794.08	738864.00	
15900.00	90.33	1.79	10507.02	5518.68	543.80	5532.97	0.00	406894.03	738867.12	
16000.00	90.33	1.79	10506.45	5618.63	546.92	5632.97	0.00	406993.98	738870.24	
16100.00	90.33	1.79	10505.88	5718.58	550.04	5732.97	0.00	407093.93	738873.36	
16200.00	90.33	1.79	10505.31	5818.53	553.16	5832.97	0.00	407193.88	738876.48	
16300.00	90.33	1.79	10504.73	5918.48	556.28	5932.97	0.00	407293.83	738879.60	
16400.00	90.33	1.79	10504.16	6018.43	559.40	6032.97	0.00	407393.78	738882.72	
16500.00	90.33	1.79	10503.59	6118.38	562.52	6132.97	0.00	407493.73	738885.84	
16600.00	90.33	1.79	10503.02	6218.33	565.64	6232.96	0.00	407593.68	738888.96	
16700.00	90.33	1.79	10502.45	6318.28	568.77	6332.96	0.00	407693.63	738892.09	
16800.00	90.33	1.79	10501.88	6418.23	571.89	6432.96	0.00	407793.58	738895.21	
16900.00	90.33	1.79	10501.30	6518.18	575.01	6532.96	0.00	407893.53	738898.33	
17000.00	90.33	1.79	10500.73	6618.13	578.13	6632.96	0.00	407993.48	738901.45	
17100.00	90.33	1.79	10500.16	6718.08	581.25	6732.96	0.00	408093.43	738904.57	
17200.00	90.33	1.79	10499.59	6818.03	584.37	6832.95	0.00	408193.38	738907.69	
17300.00	90.33	1.79	10499.02	6917.98	587.49	6932.95	0.00	408293.33	738910.81	
17400.00	90.33	1.79	10498.44	7017.93	590.61	7032.95	0.00	408393.28	738913.93	
17500.00	90.33	1.79	10497.87	7117.88	593.74	7132.95	0.00	408493.23	738917.06	
17600.00	90.33	1.79	10497.30	7217.83	596.86	7232.95	0.00	408593.18	738920.18	
17700.00	90.33	1.79	10496.73	7317.78	599.98	7332.95	0.00	408693.13	738923.30	
17800.00	90.33	1.79	10496.16	7417.72	603.10	7432.94	0.00	408793.07	738926.42	
17827.60	90.33	1.79	10496.00	7445.31	603.96	7460.54	0.00	408820.66	738927.28	PBHL 3H