



5D Plan Report

Devon Energy

Field Name: *Lea Co, NM Nad 83 NMEZ*
Site Name: *Arabian 30-19 Fed Com 4H*
Well Name: *Arabian 30-19 Fed Com 4H*
Plan: *P1:V1*

3 October 2016

HOBBS OCD
MAY 08 2017
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Arabian 30-19 Fed Com 4H

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: Arabian 30-19 Fed Com 4H	Units: US ft	North Reference: Grid	Convergence Angle: 0.33	
	Position:	Northing: 401346.41 US ft	Latitude: 32° 6' 6.65"	
		Easting: 734335.81 US ft	Longitude: -103° 42' 36.18"	
	Elevation above MSL:3362.00 US ft			
Comment:				
Slot: Arabian 30-19 Fed Com 4H	Position (Relative to Site Centre)			
	+N/-S: 0.00 US ft	Northing: 401346.41 US ft	Latitude: 32°6'6.65"	
	+E/-W: 0.00 US ft	Easting: 734335.81 US ft	Longitude: -103°42'36.18"	
	Slot TVD Reference: Ground Elevation			
	Elevation above MSL: 3362.00 US ft			
	Comment:			
Well: Arabian 30-19 Fed Com 4H	Type:Main well		UWI:	Plan:P1:V1
	File Number:	Comment:		
	Closure Distance:7459.53US ft		Closure Azimuth:4.47°	
	Vertical Section: Position of Origin (Relative to Slot centre)			
	+N/-S: 0.00 US ft		+E/-W: 0.00 US ft	Az: 1.62°
	Magnetic Parameters:			
	Model: bggm2016	Field Strength: 48014.5nT	Declination: 7.15°	Dip: 59.94°
				Date: 30/Nov/2016

Drill floor: Plan: P1:V1

Rig Height (Drill Floor):	Elevation above MSL:	Inclination: 0.00°	Azimuth: 0.00°
25.00 US ft	3387.00 US ft		

Target set: Arabian 30-19 Fed Com 4H Tgts Comment:

Target Name:	Shape:	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northings (US ft)	Easting (US ft)	Comment
PBHL 4H	Point	10451.00	7436.84	581.40	408783.25	734917.21	

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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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	
5920.00	0.00	0.00	5920.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Nudge
6620.00	7.00	95.00	6618.26	-3.72	42.54	-2.52	1.00	1.00	0.00	95.00	Hold
8620.00	7.00	95.00	8603.35	-24.97	285.36	-16.89	0.00	0.00	0.00	0.00	Drop
10020.00	0.00	0.00	9999.87	-32.41	370.45	-21.92	0.50	-0.50	0.00	180.00	KOP
10220.00	20.00	1.62	10195.84	2.13	371.42	12.63	10.00	10.00	0.00	1.62	Build 12° DLS
10807.36	90.48	1.62	10509.98	454.65	384.21	465.33	12.00	12.00	-0.00	360.00	LP
17792.59	90.48	1.62	10451.00	7436.84	581.40	7450.30	0.00	0.00	0.00	0.00	PBHL 4H

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	401346.41	734335.81		
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	401346.41	734335.81		
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	401346.41	734335.81		

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	401346.41	734335.81	
4700.00	0.00	0.00	4700.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
4800.00	0.00	0.00	4800.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
4900.00	0.00	0.00	4900.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
5000.00	0.00	0.00	5000.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
5100.00	0.00	0.00	5100.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
5200.00	0.00	0.00	5200.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
5300.00	0.00	0.00	5300.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
5400.00	0.00	0.00	5400.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
5500.00	0.00	0.00	5500.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
5600.00	0.00	0.00	5600.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
5700.00	0.00	0.00	5700.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
5800.00	0.00	0.00	5800.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
5900.00	0.00	0.00	5900.00	0.00	0.00	0.00	0.00	401346.41	734335.81	
5920.00	0.00	0.00	5920.00	0.00	0.00	0.00	0.00	401346.41	734335.81	Nudge
6000.00	0.80	95.00	6000.00	-0.05	0.56	-0.03	1.00	401346.36	734336.37	
6100.00	1.80	95.00	6099.97	-0.25	2.82	-0.17	1.00	401346.16	734338.63	
6200.00	2.80	95.00	6199.89	-0.60	6.81	-0.40	1.00	401345.81	734342.62	
6300.00	3.80	95.00	6299.72	-1.10	12.55	-0.74	1.00	401345.31	734348.36	
6400.00	4.80	95.00	6399.44	-1.75	20.02	-1.18	1.00	401344.66	734355.83	
6500.00	5.80	95.00	6499.01	-2.56	29.22	-1.73	1.00	401343.85	734365.03	
6600.00	6.80	95.00	6598.40	-3.51	40.15	-2.38	1.00	401342.90	734375.96	
6620.00	7.00	95.00	6618.26	-3.72	42.54	-2.52	1.00	401342.69	734378.35	Hold
6700.00	7.00	95.00	6697.66	-4.57	52.26	-3.09	0.00	401341.84	734388.07	
6800.00	7.00	95.00	6796.92	-5.63	64.40	-3.81	0.00	401340.78	734400.21	
6900.00	7.00	95.00	6896.17	-6.70	76.54	-4.53	0.00	401339.71	734412.35	
7000.00	7.00	95.00	6995.43	-7.76	88.68	-5.25	0.00	401338.65	734424.49	
7100.00	7.00	95.00	7094.68	-8.82	100.82	-5.97	0.00	401337.59	734436.63	
7200.00	7.00	95.00	7193.94	-9.88	112.96	-6.69	0.00	401336.53	734448.77	
7300.00	7.00	95.00	7293.19	-10.94	125.10	-7.40	0.00	401335.47	734460.91	
7400.00	7.00	95.00	7392.45	-12.01	137.24	-8.12	0.00	401334.40	734473.05	
7500.00	7.00	95.00	7491.70	-13.07	149.38	-8.84	0.00	401333.34	734485.19	
7600.00	7.00	95.00	7590.96	-14.13	161.52	-9.56	0.00	401332.28	734497.33	
7700.00	7.00	95.00	7690.21	-15.19	173.66	-10.28	0.00	401331.22	734509.47	
7800.00	7.00	95.00	7789.46	-16.26	185.80	-11.00	0.00	401330.15	734521.61	
7900.00	7.00	95.00	7888.72	-17.32	197.94	-11.71	0.00	401329.09	734533.75	
8000.00	7.00	95.00	7987.97	-18.38	210.08	-12.43	0.00	401328.03	734545.89	
8100.00	7.00	95.00	8087.23	-19.44	222.23	-13.15	0.00	401326.97	734558.04	
8200.00	7.00	95.00	8186.48	-20.50	234.37	-13.87	0.00	401325.91	734570.18	
8300.00	7.00	95.00	8285.74	-21.57	246.51	-14.59	0.00	401324.84	734582.32	
8400.00	7.00	95.00	8384.99	-22.63	258.65	-15.31	0.00	401323.78	734594.46	
8500.00	7.00	95.00	8484.25	-23.69	270.79	-16.03	0.00	401322.72	734606.60	
8600.00	7.00	95.00	8583.50	-24.75	282.93	-16.74	0.00	401321.66	734618.74	
8620.00	7.00	95.00	8603.35	-24.97	285.36	-16.89	0.00	401321.44	734621.17	Drop
8700.00	6.60	95.00	8682.79	-25.79	294.79	-17.45	0.50	401320.62	734630.60	
8800.00	6.10	95.00	8782.18	-26.75	305.81	-18.10	0.50	401319.66	734641.62	
8900.00	5.60	95.00	8881.65	-27.64	315.96	-18.70	0.50	401318.77	734651.77	
9000.00	5.10	95.00	8981.22	-28.46	325.25	-19.25	0.50	401317.95	734661.06	
9100.00	4.60	95.00	9080.86	-29.19	333.67	-19.75	0.50	401317.22	734669.48	
9200.00	4.10	95.00	9180.57	-29.85	341.23	-20.20	0.50	401316.56	734677.04	
9300.00	3.60	95.00	9280.35	-30.44	347.92	-20.59	0.50	401315.97	734683.73	
9400.00	3.10	95.00	9380.17	-30.95	353.74	-20.94	0.50	401315.46	734689.55	
9500.00	2.60	95.00	9480.05	-31.38	358.69	-21.23	0.50	401315.03	734694.50	
9600.00	2.10	95.00	9579.97	-31.74	362.78	-21.47	0.50	401314.67	734698.59	
9700.00	1.60	95.00	9679.91	-32.02	366.00	-21.66	0.50	401314.39	734701.81	
9800.00	1.10	95.00	9779.89	-32.23	368.34	-21.80	0.50	401314.18	734704.15	
9900.00	0.60	95.00	9879.87	-32.36	369.82	-21.89	0.50	401314.05	734705.63	
10000.00	0.10	95.00	9979.87	-32.41	370.43	-21.92	0.50	401314.00	734706.24	
10020.00	0.00	0.00	9999.87	-32.41	370.45	-21.92	0.50	401314.00	734706.26	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	8.00	1.62	10079.61	-26.84	370.60	-16.35	10.00	401319.57	734706.41	
10200.00	18.00	1.62	10176.93	-4.38	371.24	6.12	10.00	401342.03	734707.05	
10220.00	20.00	1.62	10195.84	2.13	371.42	12.63	10.00	401348.54	734707.23	Build 12° DLS
10300.00	29.60	1.62	10268.37	35.63	372.37	46.15	12.00	401382.04	734708.18	
10400.00	41.60	1.62	10349.53	93.72	374.01	104.25	12.00	401440.13	734709.82	
10500.00	53.60	1.62	10416.84	167.40	376.09	177.96	12.00	401513.81	734711.90	
10600.00	65.60	1.62	10467.35	253.46	378.52	264.06	12.00	401599.87	734714.33	
10700.00	77.60	1.62	10498.86	348.13	381.20	358.77	12.00	401694.54	734717.01	
10800.00	89.60	1.62	10509.99	447.29	384.00	457.97	12.00	401793.70	734719.81	
10807.36	90.48	1.62	10509.98	454.65	384.21	465.33	12.00	401801.06	734720.02	LP
10900.00	90.48	1.62	10509.20	547.25	386.82	557.96	0.00	401893.66	734722.63	
11000.00	90.48	1.62	10508.35	647.20	389.65	657.96	0.00	401993.61	734725.46	
11100.00	90.48	1.62	10507.51	747.16	392.47	757.96	0.00	402093.57	734728.28	
11200.00	90.48	1.62	10506.67	847.12	395.29	857.95	0.00	402193.53	734731.10	
11300.00	90.48	1.62	10505.82	947.07	398.11	957.95	0.00	402293.48	734733.92	
11400.00	90.48	1.62	10504.98	1047.03	400.94	1057.95	0.00	402393.44	734736.75	
11500.00	90.48	1.62	10504.13	1146.99	403.76	1157.94	0.00	402493.40	734739.57	
11600.00	90.48	1.62	10503.29	1246.94	406.58	1257.94	0.00	402593.35	734742.39	
11700.00	90.48	1.62	10502.44	1346.90	409.41	1357.93	0.00	402693.31	734745.22	
11800.00	90.48	1.62	10501.60	1446.86	412.23	1457.93	0.00	402793.27	734748.04	
11900.00	90.48	1.62	10500.75	1546.81	415.05	1557.93	0.00	402893.22	734750.86	
12000.00	90.48	1.62	10499.91	1646.77	417.88	1657.92	0.00	402993.18	734753.69	
12100.00	90.48	1.62	10499.07	1746.72	420.70	1757.92	0.00	403093.13	734756.51	
12200.00	90.48	1.62	10498.22	1846.68	423.52	1857.92	0.00	403193.09	734759.33	
12300.00	90.48	1.62	10497.38	1946.64	426.34	1957.91	0.00	403293.05	734762.15	
12400.00	90.48	1.62	10496.53	2046.59	429.17	2057.91	0.00	403393.00	734764.98	
12500.00	90.48	1.62	10495.69	2146.55	431.99	2157.91	0.00	403492.96	734767.80	
12600.00	90.48	1.62	10494.84	2246.51	434.81	2257.90	0.00	403592.92	734770.62	
12700.00	90.48	1.62	10494.00	2346.46	437.64	2357.90	0.00	403692.87	734773.45	
12800.00	90.48	1.62	10493.16	2446.42	440.46	2457.90	0.00	403792.83	734776.27	
12900.00	90.48	1.62	10492.31	2546.38	443.28	2557.89	0.00	403892.79	734779.09	
13000.00	90.48	1.62	10491.47	2646.33	446.11	2657.89	0.00	403992.74	734781.92	
13100.00	90.48	1.62	10490.62	2746.29	448.93	2757.88	0.00	404092.70	734784.74	
13200.00	90.48	1.62	10489.78	2846.25	451.75	2857.88	0.00	404192.66	734787.56	
13300.00	90.48	1.62	10488.93	2946.20	454.57	2957.88	0.00	404292.61	734790.38	
13400.00	90.48	1.62	10488.09	3046.16	457.40	3057.87	0.00	404392.57	734793.21	
13500.00	90.48	1.62	10487.24	3146.12	460.22	3157.87	0.00	404492.53	734796.03	
13600.00	90.48	1.62	10486.40	3246.07	463.04	3257.87	0.00	404592.48	734798.85	
13700.00	90.48	1.62	10485.56	3346.03	465.87	3357.86	0.00	404692.44	734801.68	
13800.00	90.48	1.62	10484.71	3445.99	468.69	3457.86	0.00	404792.40	734804.50	
13900.00	90.48	1.62	10483.87	3545.94	471.51	3557.86	0.00	404892.35	734807.32	
14000.00	90.48	1.62	10483.02	3645.90	474.34	3657.85	0.00	404992.31	734810.15	
14100.00	90.48	1.62	10482.18	3745.86	477.16	3757.85	0.00	405092.27	734812.97	
14200.00	90.48	1.62	10481.33	3845.81	479.98	3857.85	0.00	405192.22	734815.79	
14300.00	90.48	1.62	10480.49	3945.77	482.80	3957.84	0.00	405292.18	734818.61	
14400.00	90.48	1.62	10479.65	4045.73	485.63	4057.84	0.00	405392.14	734821.44	
14500.00	90.48	1.62	10478.80	4145.68	488.45	4157.83	0.00	405492.09	734824.26	
14600.00	90.48	1.62	10477.96	4245.64	491.27	4257.83	0.00	405592.05	734827.08	
14700.00	90.48	1.62	10477.11	4345.60	494.10	4357.83	0.00	405692.01	734829.91	
14800.00	90.48	1.62	10476.27	4445.55	496.92	4457.82	0.00	405791.96	734832.73	
14900.00	90.48	1.62	10475.42	4545.51	499.74	4557.82	0.00	405891.92	734835.55	
15000.00	90.48	1.62	10474.58	4645.47	502.57	4657.82	0.00	405991.88	734838.38	
15100.00	90.48	1.62	10473.74	4745.42	505.39	4757.81	0.00	406091.83	734841.20	
15200.00	90.48	1.62	10472.89	4845.38	508.21	4857.81	0.00	406191.79	734844.02	
15300.00	90.48	1.62	10472.05	4945.34	511.03	4957.81	0.00	406291.75	734846.84	
15400.00	90.48	1.62	10471.20	5045.29	513.86	5057.80	0.00	406391.70	734849.67	
15500.00	90.48	1.62	10470.36	5145.25	516.68	5157.80	0.00	406491.66	734852.49	
15600.00	90.48	1.62	10469.51	5245.21	519.50	5257.80	0.00	406591.62	734855.31	

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
15700.00	90.48	1.62	10468.67	5345.16	522.33	5357.79	0.00	406691.57	734858.14	
15800.00	90.48	1.62	10467.82	5445.12	525.15	5457.79	0.00	406791.53	734860.96	
15900.00	90.48	1.62	10466.98	5545.07	527.97	5557.78	0.00	406891.48	734863.78	
16000.00	90.48	1.62	10466.14	5645.03	530.80	5657.78	0.00	406991.44	734866.61	
16100.00	90.48	1.62	10465.29	5744.99	533.62	5757.78	0.00	407091.40	734869.43	
16200.00	90.48	1.62	10464.45	5844.94	536.44	5857.77	0.00	407191.35	734872.25	
16300.00	90.48	1.62	10463.60	5944.90	539.26	5957.77	0.00	407291.31	734875.07	
16400.00	90.48	1.62	10462.76	6044.86	542.09	6057.77	0.00	407391.27	734877.90	
16500.00	90.48	1.62	10461.91	6144.81	544.91	6157.76	0.00	407491.22	734880.72	
16600.00	90.48	1.62	10461.07	6244.77	547.73	6257.76	0.00	407591.18	734883.54	
16700.00	90.48	1.62	10460.23	6344.73	550.56	6357.76	0.00	407691.14	734886.37	
16800.00	90.48	1.62	10459.38	6444.68	553.38	6457.75	0.00	407791.09	734889.19	
16900.00	90.48	1.62	10458.54	6544.64	556.20	6557.75	0.00	407891.05	734892.01	
17000.00	90.48	1.62	10457.69	6644.60	559.03	6657.75	0.00	407991.01	734894.84	
17100.00	90.48	1.62	10456.85	6744.55	561.85	6757.74	0.00	408090.96	734897.66	
17200.00	90.48	1.62	10456.00	6844.51	564.67	6857.74	0.00	408190.92	734900.48	
17300.00	90.48	1.62	10455.16	6944.47	567.49	6957.73	0.00	408290.88	734903.30	
17400.00	90.48	1.62	10454.31	7044.42	570.32	7057.73	0.00	408390.83	734906.13	
17500.00	90.48	1.62	10453.47	7144.38	573.14	7157.73	0.00	408490.79	734908.95	
17600.00	90.48	1.62	10452.63	7244.34	575.96	7257.72	0.00	408590.75	734911.77	
17700.00	90.48	1.62	10451.78	7344.29	578.79	7357.72	0.00	408690.70	734914.60	
17792.59	90.48	1.62	10451.00	7436.84	581.40	7450.30	0.00	408783.25	734917.21	PBHL 4H