



HOBBS OCD

MAY 01 2017

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5D Plan Report

Devon Energy

Field Name: *Lea Co, NM Nad 83 NMEZ*
Site Name: *Arabian 30-19 Fed Com 2H*
Well Name: *Arabian 30-19 Fed Com 2H*
Plan: *P1:V1*

3 October 2016





Arabian 30-19 Fed Com 2H

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 2H	Units: US ft	North Reference: Grid	Convergence Angle: 0.33	
	Position:	Northing: 401338.21 US ft	Latitude: 32° 6' 6.71"	
		Easting: 731878.55 US ft	Longitude: -103° 43' 4.75"	
	Elevation above MSL:3362.00 US ft			
Comment:				
Slot: Arabian 30-19 Fed Com 2H	Position (Relative to Site Centre)			
	+N/-S: 0.00 US ft	Northing: 401338.21 US ft	Latitude: 32°6'6.71"	
	+E/-W: 0.00 US ft	Easting: 731878.55 US ft	Longitude: -103°43'4.75"	
	Slot TVD Reference: Ground Elevation			
	Elevation above MSL: 3362.00 US ft			
	Comment:			
Well: Arabian 30-19 Fed Com 2H	Type:Main well		UWI:	Plan:P1:V1
	File Number:	Comment:		
	Closure Distance:7395.18US ft		Closure Azimuth:2.90°	
	Vertical Section: Position of Origin (Relative to Slot centre)			
	+N/-S: 0.00 US ft		+E/-W: 0.00 US ft	Az: 1.56°
	Magnetic Parameters:			
	Model: bggm2016	Field Strength: 48005.8nT	Declination: 7.14°	Dip: 59.93°
				Date: 03/Nov/2016

Drill floor: Plan: P1:V1

Rig Height (Drill Floor): 25.00 US ft	Elevation above MSL: 3387.00 US ft	Inclination: 0.00°	Azimuth: 0.00°
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Target set: Arabian 30-19 Fed Com 2H Tgts Comment:

Target Name:	Shape:	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (USft)	Easting (USft)	Comment
PBHL 2H	Point	10441.00	7385.68	374.75	408723.89	732253.30	

Wellpath created using minimum curvature.

Tie Point:

MD: 0.00 USft	Inclination: 0.00°	Azimuth: 0.00°	TVD: 0.00 USft	North Offset: 0.00 USft	East Offset: 0.00 USft
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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	
6700.00	0.00	0.00	6700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Nudge
7700.00	5.00	88.00	7698.73	1.52	43.58	2.71	0.50	0.50	0.00	88.00	Hold
8700.00	5.00	88.00	8694.93	4.56	130.68	8.12	0.00	0.00	0.00	0.00	Drop
9700.00	0.00	0.00	9693.66	6.09	174.26	10.83	0.50	-0.50	0.00	180.00	Hold
9974.34	0.00	0.00	9968.00	6.09	174.26	10.83	0.00	0.00	0.00	0.00	KOP
10174.34	20.00	1.56	10163.96	40.63	175.20	45.38	10.00	10.00	0.00	1.56	Build 12° DLS
10760.25	90.31	1.56	10478.12	491.70	187.46	496.62	12.00	12.00	-0.00	360.00	LP
17656.87	90.31	1.56	10441.00	7385.68	374.75	7393.14	0.00	0.00	0.00	0.00	PBHL 2H

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	401338.21	731878.55		
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	401338.21	731878.55		
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	401338.21	731878.55		

SD 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	401338.21	731878.55	
4600.00	0.00	0.00	4600.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
4700.00	0.00	0.00	4700.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
4800.00	0.00	0.00	4800.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
4900.00	0.00	0.00	4900.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
5000.00	0.00	0.00	5000.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
5100.00	0.00	0.00	5100.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
5200.00	0.00	0.00	5200.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
5300.00	0.00	0.00	5300.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
5400.00	0.00	0.00	5400.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
5500.00	0.00	0.00	5500.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
5600.00	0.00	0.00	5600.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
5700.00	0.00	0.00	5700.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
5800.00	0.00	0.00	5800.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
5900.00	0.00	0.00	5900.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
6100.00	0.00	0.00	6100.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
6200.00	0.00	0.00	6200.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
6300.00	0.00	0.00	6300.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
6400.00	0.00	0.00	6400.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
6500.00	0.00	0.00	6500.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
6600.00	0.00	0.00	6600.00	0.00	0.00	0.00	0.00	401338.21	731878.55	
6700.00	0.00	0.00	6700.00	0.00	0.00	0.00	0.00	401338.21	731878.55	Nudge
6800.00	0.50	88.00	6800.00	0.02	0.44	0.03	0.50	401338.23	731878.99	
6900.00	1.00	88.00	6899.99	0.06	1.74	0.11	0.50	401338.27	731880.29	
7000.00	1.50	88.00	6999.97	0.14	3.92	0.24	0.50	401338.35	731882.47	
7100.00	2.00	88.00	7099.92	0.24	6.98	0.43	0.50	401338.45	731885.53	
7200.00	2.50	88.00	7199.84	0.38	10.90	0.68	0.50	401338.59	731889.45	
7300.00	3.00	88.00	7299.73	0.55	15.69	0.98	0.50	401338.76	731894.24	
7400.00	3.50	88.00	7399.56	0.75	21.36	1.33	0.50	401338.96	731899.91	
7500.00	4.00	88.00	7499.35	0.97	27.90	1.73	0.50	401339.18	731906.45	
7600.00	4.50	88.00	7599.08	1.23	35.30	2.19	0.50	401339.44	731913.85	
7700.00	5.00	88.00	7698.73	1.52	43.58	2.71	0.50	401339.73	731922.13	Hold
7800.00	5.00	88.00	7798.35	1.83	52.29	3.25	0.00	401340.04	731930.84	
7900.00	5.00	88.00	7897.97	2.13	61.00	3.79	0.00	401340.34	731939.55	
8000.00	5.00	88.00	7997.59	2.43	69.71	4.33	0.00	401340.64	731948.26	
8100.00	5.00	88.00	8097.21	2.74	78.42	4.87	0.00	401340.95	731956.97	
8200.00	5.00	88.00	8196.83	3.04	87.13	5.41	0.00	401341.25	731965.68	
8300.00	5.00	88.00	8296.45	3.35	95.84	5.95	0.00	401341.56	731974.39	
8400.00	5.00	88.00	8396.07	3.65	104.55	6.50	0.00	401341.86	731983.10	
8500.00	5.00	88.00	8495.69	3.96	113.26	7.04	0.00	401342.17	731991.81	
8600.00	5.00	88.00	8595.31	4.26	121.97	7.58	0.00	401342.47	732000.52	
8700.00	5.00	88.00	8694.93	4.56	130.68	8.12	0.00	401342.77	732009.23	Drop
8800.00	4.50	88.00	8794.58	4.85	138.96	8.63	0.50	401343.06	732017.51	
8900.00	4.00	88.00	8894.31	5.11	146.36	9.09	0.50	401343.32	732024.91	
9000.00	3.50	88.00	8994.09	5.34	152.90	9.50	0.50	401343.55	732031.45	
9100.00	3.00	88.00	9093.93	5.54	158.57	9.85	0.50	401343.75	732037.12	
9200.00	2.50	88.00	9193.82	5.70	163.36	10.15	0.50	401343.91	732041.91	
9300.00	2.00	88.00	9293.74	5.84	167.28	10.39	0.50	401344.05	732045.83	
9400.00	1.50	88.00	9393.69	5.95	170.34	10.58	0.50	401344.16	732048.89	
9500.00	1.00	88.00	9493.67	6.02	172.52	10.72	0.50	401344.23	732051.07	
9600.00	0.50	88.00	9593.66	6.07	173.82	10.80	0.50	401344.28	732052.37	
9700.00	0.00	0.00	9693.66	6.09	174.26	10.83	0.50	401344.30	732052.81	Hold
9800.00	0.00	0.00	9793.66	6.09	174.26	10.83	0.00	401344.30	732052.81	
9900.00	0.00	0.00	9893.66	6.09	174.26	10.83	0.00	401344.30	732052.81	
9974.34	0.00	0.00	9968.00	6.09	174.26	10.83	0.00	401344.30	732052.81	KOP
10000.00	2.57	1.56	9993.65	6.66	174.28	11.40	10.00	401344.87	732052.83	
10100.00	12.57	1.56	10092.65	19.80	174.63	24.55	10.00	401358.01	732053.18	

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
10174.34	20.00	1.56	10163.96	40.63	175.20	45.38	10.00	401378.84	732053.75	Build 12° DLS
10200.00	23.08	1.56	10187.83	50.04	175.46	54.80	12.00	401388.25	732054.01	
10300.00	35.08	1.56	10275.06	98.54	176.78	103.31	12.00	401436.75	732055.33	LP
10400.00	47.08	1.56	10350.30	164.10	178.56	168.90	12.00	401502.31	732057.11	
10500.00	59.08	1.56	10410.27	243.87	180.73	248.70	12.00	401582.08	732059.28	
10600.00	71.08	1.56	10452.33	334.36	183.19	339.23	12.00	401672.57	732061.74	
10700.00	83.08	1.56	10474.65	431.62	185.83	436.51	12.00	401769.83	732064.38	
10760.25	90.31	1.56	10478.12	491.70	187.46	496.62	12.00	401829.91	732066.01	
10800.00	90.31	1.56	10477.90	531.44	188.54	536.37	0.00	401869.65	732067.09	
10900.00	90.31	1.56	10477.37	631.40	191.26	636.37	0.00	401969.61	732069.81	
11000.00	90.31	1.56	10476.83	731.36	193.97	736.37	0.00	402069.57	732072.52	
11100.00	90.31	1.56	10476.29	831.32	196.69	836.37	0.00	402169.53	732075.24	
11200.00	90.31	1.56	10475.75	931.28	199.41	936.37	0.00	402269.49	732077.96	
11300.00	90.31	1.56	10475.21	1031.25	202.12	1036.37	0.00	402369.46	732080.67	
11400.00	90.31	1.56	10474.68	1131.21	204.84	1136.37	0.00	402469.42	732083.39	
11500.00	90.31	1.56	10474.14	1231.17	207.55	1236.36	0.00	402569.38	732086.10	
11600.00	90.31	1.56	10473.60	1331.13	210.27	1336.36	0.00	402669.34	732088.82	
11700.00	90.31	1.56	10473.06	1431.09	212.98	1436.36	0.00	402769.30	732091.53	
11800.00	90.31	1.56	10472.52	1531.05	215.70	1536.36	0.00	402869.26	732094.25	
11900.00	90.31	1.56	10471.98	1631.02	218.41	1636.36	0.00	402969.23	732096.96	
12000.00	90.31	1.56	10471.45	1730.98	221.13	1736.36	0.00	403069.19	732099.68	
12100.00	90.31	1.56	10470.91	1830.94	223.85	1836.36	0.00	403169.15	732102.40	
12200.00	90.31	1.56	10470.37	1930.90	226.56	1936.35	0.00	403269.11	732105.11	
12300.00	90.31	1.56	10469.83	2030.86	229.28	2036.35	0.00	403369.07	732107.83	
12400.00	90.31	1.56	10469.29	2130.82	231.99	2136.35	0.00	403469.03	732110.54	
12500.00	90.31	1.56	10468.75	2230.79	234.71	2236.35	0.00	403569.00	732113.26	
12600.00	90.31	1.56	10468.22	2330.75	237.42	2336.35	0.00	403668.96	732115.97	
12700.00	90.31	1.56	10467.68	2430.71	240.14	2436.35	0.00	403768.92	732118.69	
12800.00	90.31	1.56	10467.14	2530.67	242.86	2536.35	0.00	403868.88	732121.41	
12900.00	90.31	1.56	10466.60	2630.63	245.57	2636.34	0.00	403968.84	732124.12	
13000.00	90.31	1.56	10466.06	2730.60	248.29	2736.34	0.00	404068.81	732126.84	
13100.00	90.31	1.56	10465.53	2830.56	251.00	2836.34	0.00	404168.77	732129.55	
13200.00	90.31	1.56	10464.99	2930.52	253.72	2936.34	0.00	404268.73	732132.27	
13300.00	90.31	1.56	10464.45	3030.48	256.43	3036.34	0.00	404368.69	732134.98	
13400.00	90.31	1.56	10463.91	3130.44	259.15	3136.34	0.00	404468.65	732137.70	
13500.00	90.31	1.56	10463.37	3230.40	261.86	3236.34	0.00	404568.61	732140.41	
13600.00	90.31	1.56	10462.83	3330.37	264.58	3336.33	0.00	404668.58	732143.13	
13700.00	90.31	1.56	10462.30	3430.33	267.30	3436.33	0.00	404768.54	732145.85	
13800.00	90.31	1.56	10461.76	3530.29	270.01	3536.33	0.00	404868.50	732148.56	
13900.00	90.31	1.56	10461.22	3630.25	272.73	3636.33	0.00	404968.46	732151.28	
14000.00	90.31	1.56	10460.68	3730.21	275.44	3736.33	0.00	405068.42	732153.99	
14100.00	90.31	1.56	10460.14	3830.17	278.16	3836.33	0.00	405168.38	732156.71	
14200.00	90.31	1.56	10459.61	3930.14	280.87	3936.32	0.00	405268.35	732159.42	
14300.00	90.31	1.56	10459.07	4030.10	283.59	4036.32	0.00	405368.31	732162.14	
14400.00	90.31	1.56	10458.53	4130.06	286.31	4136.32	0.00	405468.27	732164.86	
14500.00	90.31	1.56	10457.99	4230.02	289.02	4236.32	0.00	405568.23	732167.57	
14600.00	90.31	1.56	10457.45	4329.98	291.74	4336.32	0.00	405668.19	732170.29	
14700.00	90.31	1.56	10456.91	4429.94	294.45	4436.32	0.00	405768.15	732173.00	
14800.00	90.31	1.56	10456.38	4529.91	297.17	4536.32	0.00	405868.12	732175.72	
14900.00	90.31	1.56	10455.84	4629.87	299.88	4636.31	0.00	405968.08	732178.43	
15000.00	90.31	1.56	10455.30	4729.83	302.60	4736.31	0.00	406068.04	732181.15	
15100.00	90.31	1.56	10454.76	4829.79	305.31	4836.31	0.00	406168.00	732183.86	
15200.00	90.31	1.56	10454.22	4929.75	308.03	4936.31	0.00	406267.96	732186.58	
15300.00	90.31	1.56	10453.68	5029.71	310.75	5036.31	0.00	406367.92	732189.30	
15400.00	90.31	1.56	10453.15	5129.68	313.46	5136.31	0.00	406467.89	732192.01	
15500.00	90.31	1.56	10452.61	5229.64	316.18	5236.31	0.00	406567.85	732194.73	
15600.00	90.31	1.56	10452.07	5329.60	318.89	5336.30	0.00	406667.81	732197.44	
15700.00	90.31	1.56	10451.53	5429.56	321.61	5436.30	0.00	406767.77	732200.16	

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
15800.00	90.31	1.56	10450.99	5529.52	324.32	5536.30	0.00	406867.73	732202.87	
15900.00	90.31	1.56	10450.46	5629.48	327.04	5636.30	0.00	406967.69	732205.59	
16000.00	90.31	1.56	10449.92	5729.45	329.76	5736.30	0.00	407067.66	732208.31	
16100.00	90.31	1.56	10449.38	5829.41	332.47	5836.30	0.00	407167.62	732211.02	
16200.00	90.31	1.56	10448.84	5929.37	335.19	5936.30	0.00	407267.58	732213.74	
16300.00	90.31	1.56	10448.30	6029.33	337.90	6036.29	0.00	407367.54	732216.45	
16400.00	90.31	1.56	10447.76	6129.29	340.62	6136.29	0.00	407467.50	732219.17	
16500.00	90.31	1.56	10447.23	6229.25	343.33	6236.29	0.00	407567.46	732221.88	
16600.00	90.31	1.56	10446.69	6329.22	346.05	6336.29	0.00	407667.43	732224.60	
16700.00	90.31	1.56	10446.15	6429.18	348.76	6436.29	0.00	407767.39	732227.31	
16800.00	90.31	1.56	10445.61	6529.14	351.48	6536.29	0.00	407867.35	732230.03	
16900.00	90.31	1.56	10445.07	6629.10	354.20	6636.29	0.00	407967.31	732232.75	
17000.00	90.31	1.56	10444.54	6729.06	356.91	6736.28	0.00	408067.27	732235.46	
17100.00	90.31	1.56	10444.00	6829.02	359.63	6836.28	0.00	408167.23	732238.18	
17200.00	90.31	1.56	10443.46	6928.99	362.34	6936.28	0.00	408267.20	732240.89	
17300.00	90.31	1.56	10442.92	7028.95	365.06	7036.28	0.00	408367.16	732243.61	
17400.00	90.31	1.56	10442.38	7128.91	367.77	7136.28	0.00	408467.12	732246.32	
17500.00	90.31	1.56	10441.84	7228.87	370.49	7236.28	0.00	408567.08	732249.04	
17600.00	90.31	1.56	10441.31	7328.83	373.21	7336.28	0.00	408667.04	732251.76	
17656.87	90.31	1.56	10441.00	7385.68	374.75	7393.14	0.00	408723.89	732253.30	PBHL 2H