



Directional Survey

Well Name: SNAPPING 2 STATE 12H

30-015-43042

RECEIVED

Sub-Division DELAWARE BASIN WEST		Region BASIN WEST		Field Name JENNINGS (NM)		County EDDY		State/Province NM					
Surface Legal Location SEC2 T26S R31E		API/UWI 3001543042		Latitude (") 32° 4' 43.878" N		Longitude (") 103° 44' 53.255" W		Orig KB Elevation (ft) 3,317.20		Ground Elev MSL (ft) 3,292.20		KB - GL (ft) 25.00	
Wellbores													
Wellbore Name OH		Parent Wellbore OH				SAP Well ID 38529				Vertical Section Direction (")			
Kick Offs & Key Depths													
Date 7/31/2015				Type CURVE				Top Depth (ftKB) 9,656.0					
Actual Deviation Survey EXTREME SURVEYS, Proposed? No				Definitive? No		Proposed? No		Proposed Deviation Survey					
Deviation Survey													
Date 7/18/2015		Description EXTREME SURVEYS											
MD Tie In (ftKB) 0.00		TVD Tie In (ftKB) 0.00		Inclination Tie In (") 0.00		Azimuth Tie In (") 0.00		NSTie In (ft) 0.00		EWTie In (ft) 0.00			
Survey Data													
Date	MD (ftKB)	Incl (")	Azm (")	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS ("/100ft)	Survey Tool	Survey Company			
7/22/2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MS	EXTREME ENGINEERING			
7/22/2015	75.00	0.31	230.47	75.00	0.12	-0.13	-0.16	0.41	MS	EXTREME ENGINEERING			
7/22/2015	139.00	0.31	244.55	139.00	0.29	-0.31	-0.45	0.12	MS	EXTREME ENGINEERING			
7/22/2015	201.00	0.48	239.44	201.00	0.47	-0.52	-0.82	0.28	MS	EXTREME ENGINEERING			
7/22/2015	317.00	0.70	304.17	316.99	0.27	-0.37	-1.83	0.57	MS	EXTREME ENGINEERING			
7/22/2015	410.00	1.10	308.04	409.98	-0.66	0.50	-3.00	0.43	MS	EXTREME ENGINEERING			
7/22/2015	501.00	1.19	303.00	500.96	-1.78	1.56	-4.48	0.15	MS	EXTREME ENGINEERING			
7/22/2015	593.00	1.32	298.15	592.94	-2.89	2.58	-6.22	0.18	MS	EXTREME ENGINEERING			
7/22/2015	683.00	1.58	303.95	682.91	-4.17	3.76	-8.16	0.33	MS	EXTREME ENGINEERING			
7/22/2015	786.00	1.58	306.85	785.87	-5.93	5.40	-10.47	0.08	MS	EXTREME ENGINEERING			
7/22/2015	881.00	1.49	319.46	880.84	-7.75	7.13	-12.32	0.37	MS	EXTREME ENGINEERING			
7/22/2015	912.00	1.58	315.77	911.83	-8.39	7.74	-12.88	0.43	MS	EXTREME ENGINEERING			
7/22/2015	1,028.00	1.49	318.15	1,027.79	-10.77	10.01	-15.01	0.10	MS	EXTREME ENGINEERING			
7/22/2015	1,090.00	1.41	319.77	1,089.77	-12.00	11.19	-16.04	0.14	MS	EXTREME ENGINEERING			
7/22/2015	1,182.00	1.32	310.77	1,181.74	-13.64	12.75	-17.57	0.25	MS	EXTREME ENGINEERING			
7/22/2015	1,278.00	1.19	313.58	1,277.72	-15.12	14.16	-19.13	0.15	MS	EXTREME ENGINEERING			
7/22/2015	1,372.00	1.01	290.86	1,371.70	-16.17	15.12	-20.61	0.50	MS	EXTREME ENGINEERING			
7/22/2015	1,469.00	0.70	307.64	1,468.69	-16.90	15.79	-21.88	0.41	MS	EXTREME ENGINEERING			
7/22/2015	1,563.00	0.40	308.87	1,562.68	-17.49	16.35	-22.59	0.32	MS	EXTREME ENGINEERING			
7/22/2015	1,658.00	0.22	280.97	1,657.68	-17.75	16.59	-23.03	0.24	MS	EXTREME ENGINEERING			
7/22/2015	1,751.00	0.22	228.28	1,750.68	-17.69	16.50	-23.33	0.21	MS	EXTREME ENGINEERING			
7/22/2015	1,847.00	0.40	129.97	1,846.68	-17.34	16.17	-23.21	0.50	MS	EXTREME ENGINEERING			
7/22/2015	1,940.00	0.62	128.87	1,939.68	-16.79	15.64	-22.57	0.24	MS	EXTREME ENGINEERING			
7/22/2015	2,031.00	0.40	159.24	2,030.67	-16.15	15.04	-22.08	0.38	MS	EXTREME ENGINEERING			
7/22/2015	2,120.00	0.40	222.87	2,119.67	-15.64	14.52	-22.18	0.47	MS	EXTREME ENGINEERING			
7/22/2015	2,211.00	0.48	226.65	2,210.67	-15.17	14.02	-22.67	0.09	MS	EXTREME ENGINEERING			
7/22/2015	2,298.00	0.48	180.64	2,297.67	-14.57	13.41	-22.94	0.43	MS	EXTREME ENGINEERING			
7/22/2015	2,390.00	1.10	128.74	2,389.66	-13.60	12.47	-22.26	0.97	MS	EXTREME ENGINEERING			
7/22/2015	2,480.00	0.70	131.25	2,479.65	-12.64	11.57	-21.17	0.45	MS	EXTREME ENGINEERING			
7/22/2015	2,566.00	0.79	201.25	2,565.64	-11.74	10.67	-20.99	1.00	MS	EXTREME ENGINEERING			
7/22/2015	2,658.00	0.70	172.47	2,657.63	-10.60	9.52	-21.15	0.41	MS	EXTREME ENGINEERING			
7/22/2015	2,746.00	0.48	122.77	2,745.63	-9.85	8.79	-20.77	0.61	MS	EXTREME ENGINEERING			
7/22/2015	2,837.00	0.40	103.56	2,836.63	-9.53	8.51	-20.14	0.18	MS	EXTREME ENGINEERING			
7/22/2015	2,926.00	0.48	145.97	2,925.63	-9.13	8.13	-19.63	0.37	MS	EXTREME ENGINEERING			
7/22/2015	3,016.00	0.40	129.14	3,015.62	-8.59	7.62	-19.17	0.17	MS	EXTREME ENGINEERING			
7/22/2015	3,104.00	0.88	107.25	3,103.62	-8.15	7.22	-18.29	0.60	MS	EXTREME ENGINEERING			
7/22/2015	3,194.00	1.41	88.84	3,193.60	-7.88	7.04	-16.52	0.71	MS	EXTREME ENGINEERING			
7/22/2015	3,284.00	1.01	68.27	3,283.58	-8.10	7.35	-14.68	0.65	MS	EXTREME ENGINEERING			
7/22/2015	3,372.00	1.32	46.17	3,371.56	-9.01	8.34	-13.23	0.61	MS	EXTREME ENGINEERING			
7/22/2015	3,462.00	1.10	47.66	3,461.54	-10.24	9.64	-11.84	0.25	MS	EXTREME ENGINEERING			
7/22/2015	3,552.00	1.80	77.68	3,551.51	-11.02	10.53	-9.82	1.12	MS	EXTREME ENGINEERING			
7/22/2015	3,641.00	2.02	96.27	3,640.46	-11.00	10.65	-6.89	0.73	MS	EXTREME ENGINEERING			
7/22/2015	3,729.00	1.80	88.75	3,728.42	-10.71	10.51	-3.97	0.38	MS	EXTREME ENGINEERING			
7/22/2015	3,820.00	2.81	102.95	3,819.34	-10.05	10.05	-0.37	1.27	MS	EXTREME ENGINEERING			
7/22/2015	3,910.00	3.30	113.54	3,909.21	-8.29	8.52	4.16	0.83	MS	EXTREME ENGINEERING			
7/22/2015	3,997.00	3.38	124.65	3,996.07	-5.61	6.06	8.56	0.75	MS	EXTREME ENGINEERING			
7/22/2015	4,068.00	2.90	126.04	4,066.96	-3.20	3.81	11.74	0.68	MS	EXTREME ENGINEERING			
7/22/2015	4,145.00	2.29	130.76	4,143.88	-0.91	1.66	14.48	0.84	MS	EXTREME ENGINEERING			
7/22/2015	4,235.00	2.81	139.24	4,233.79	2.07	-1.18	17.28	0.71	MS	EXTREME ENGINEERING			
7/22/2015	4,324.00	2.81	138.84	4,322.69	5.51	-4.48	20.14	0.02	MS	EXTREME ENGINEERING			
7/22/2015	4,413.00	2.68	139.38	4,411.58	8.87	-7.70	22.93	0.15	MS	EXTREME ENGINEERING			
7/22/2015	4,502.00	2.68	138.85	4,500.49	12.15	-10.85	25.65	0.03	MS	EXTREME ENGINEERING			
7/22/2015	4,589.00	2.68	166.17	4,587.39	15.75	-14.35	27.48	1.45	MS	EXTREME ENGINEERING			
7/22/2015	4,681.00	2.99	137.14	4,679.29	19.70	-18.20	29.62	1.58	MS	EXTREME ENGINEERING			
7/22/2015	4,771.00	2.99	138.67	4,769.16	23.34	-21.68	32.77	0.09	MS	EXTREME ENGINEERING			
7/22/2015	4,860.00	2.99	136.65	4,858.04	26.93	-25.11	35.90	0.12	MS	EXTREME ENGINEERING			
7/22/2015	4,949.00	2.90	133.75	4,946.92	30.34	-28.36	39.12	0.20	MS	EXTREME ENGINEERING			
7/22/2015	5,039.00	2.90	132.35	5,036.81	33.61	-31.47	42.44	0.08	MS	EXTREME ENGINEERING			
7/22/2015	5,127.00	2.68	130.24	5,124.71	36.60	-34.30	45.66	0.28	MS	EXTREME ENGINEERING			
7/22/2015	5,218.00	2.59	127.86	5,215.61	39.40	-36.93	48.91	0.16	MS	EXTREME ENGINEERING			
7/22/2015	5,307.00	2.42	129.36	5,304.52	41.98	-39.36	51.95	0.20	MS	EXTREME ENGINEERING			
7/22/2015	5,395.00	2.20	128.48	5,392.45	44.35	-41.59	54.71	0.25	MS	EXTREME ENGINEERING			
7/22/2015	5,486.00	2.11	129.05	5,483.39	46.63	-43.73	57.37	0.10	MS	EXTREME ENGINEERING			
7/22/2015	5,573.00	2.11	125.58	5,570.33	48.70	-45.67	59.92	0.15	MS	EXTREME ENGINEERING			
7/22/2015	5,664.00	2.11	122.85	5,661.27	50.72	-47.55	62.69	0.11	MS	EXTREME ENGINEERING			
7/22/2015	5,754.00	2.02	124.48	5,751.21	52.66	-49.35	65.39	0.12	MS	EXTREME ENGINEERING			

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Sub-Division DELAWARE BASIN WEST		Region BASIN WEST		Field Name JENNINGS (NM)				County EDDY		State/Province NM	
Surface Legal Location SEC2 T26S R31E		API/UWI 3001543042		Latitude (") 32° 4' 43.878" N		Longitude (") 103° 44' 53.255" W		Orig KB Elevation (ft) 3,317.20		Ground Elev MSL (ft) 3,292.20	
										KB - GL (ft) 25.00	
Survey Data											
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Survey Tool	Survey Company	
7/22/2015	5,841.00	2.02	125.58	5,838.15	54.54	-51.11	67.90	0.04	MS	EXTREME ENGINEERING	
7/22/2015	5,932.00	1.80	125.05	5,929.10	56.42	-52.86	70.38	0.24	MS	EXTREME ENGINEERING	
7/22/2015	6,022.00	1.71	122.68	6,019.06	58.07	-54.40	72.66	0.13	MS	EXTREME ENGINEERING	
7/22/2015	6,109.00	1.71	122.15	6,106.02	59.58	-55.79	74.85	0.02	MS	EXTREME ENGINEERING	
7/22/2015	6,200.00	1.80	122.48	6,196.98	61.19	-57.28	77.21	0.10	MS	EXTREME ENGINEERING	
7/22/2015	6,291.00	1.58	125.05	6,287.94	62.79	-58.77	79.44	0.26	MS	EXTREME ENGINEERING	
7/22/2015	6,380.00	1.58	128.57	6,376.91	64.36	-60.24	81.41	0.11	MS	EXTREME ENGINEERING	
7/22/2015	6,470.00	1.71	135.07	6,466.87	66.18	-61.96	83.32	0.25	MS	EXTREME ENGINEERING	
7/22/2015	6,559.00	1.71	135.55	6,555.83	68.16	-63.85	85.19	0.02	MS	EXTREME ENGINEERING	
7/22/2015	6,648.00	1.58	136.26	6,644.79	70.08	-65.69	86.97	0.15	MS	EXTREME ENGINEERING	
7/22/2015	6,738.00	1.71	139.77	6,734.76	72.09	-67.61	88.70	0.18	MS	EXTREME ENGINEERING	
7/22/2015	6,827.00	1.49	146.06	6,823.72	74.14	-69.58	90.20	0.32	MS	EXTREME ENGINEERING	
7/22/2015	6,888.00	1.71	148.34	6,884.70	75.62	-71.02	91.12	0.38	MS	EXTREME ENGINEERING	
7/28/2015	6,951.00	1.71	144.60	6,947.67	77.24	-72.58	92.16	0.18	MWD	PATHFINDER ENERGY SE...	
7/28/2015	7,000.00	1.14	145.32	6,996.65	78.27	-73.58	92.86	1.16	MWD	PATHFINDER ENERGY SE...	
7/28/2015	7,089.00	0.53	304.96	7,085.65	78.77	-74.07	93.03	1.85	MWD	PATHFINDER ENERGY SE...	
7/28/2015	7,179.00	2.11	329.97	7,175.62	77.04	-72.40	91.85	1.83	MWD	PATHFINDER ENERGY SE...	
7/28/2015	7,268.00	3.87	336.98	7,264.50	72.76	-68.21	89.86	2.02	MWD	PATHFINDER ENERGY SE...	
7/28/2015	7,357.00	5.01	338.40	7,353.23	66.25	-61.84	87.26	1.29	MWD	PATHFINDER ENERGY SE...	
7/28/2015	7,447.00	5.28	339.35	7,442.87	58.58	-54.31	84.35	0.31	MWD	PATHFINDER ENERGY SE...	
7/28/2015	7,536.00	5.19	339.54	7,531.50	50.84	-46.70	81.50	0.10	MWD	PATHFINDER ENERGY SE...	
7/28/2015	7,626.00	5.19	342.11	7,621.13	43.03	-39.02	78.82	0.26	MWD	PATHFINDER ENERGY SE...	
7/28/2015	7,715.00	5.10	344.92	7,709.77	35.27	-31.37	76.56	0.30	MWD	PATHFINDER ENERGY SE...	
7/28/2015	7,804.00	5.10	332.92	7,798.42	27.79	-24.02	73.73	1.20	MWD	PATHFINDER ENERGY SE...	
7/28/2015	7,894.00	4.84	329.59	7,888.08	20.77	-17.19	69.98	0.43	MWD	PATHFINDER ENERGY SE...	
7/28/2015	7,983.00	4.57	332.01	7,976.78	14.23	-10.82	66.42	0.38	MWD	PATHFINDER ENERGY SE...	
7/28/2015	8,072.00	5.01	327.47	8,065.47	7.64	-4.41	62.67	0.65	MWD	PATHFINDER ENERGY SE...	
7/29/2015	8,162.00	4.75	333.41	8,155.15	0.80	2.23	58.89	0.63	MWD	PATHFINDER ENERGY SE...	
7/29/2015	8,251.00	4.40	325.04	8,243.86	-5.47	8.33	55.28	0.85	MWD	PATHFINDER ENERGY SE...	
7/29/2015	8,341.00	4.04	323.02	8,333.62	-11.						



Directional Survey

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Survey Data													
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Survey Tool	Survey Company			
8/2/2015	10,475.00	78.96	175.19	10,236.39	456.30	-454.06	55.22	7.05	MWD	PATHFINDER ENERGY SE...			
8/2/2015	10,504.00	81.16	175.02	10,241.39	484.85	-482.52	57.65	7.61	MWD	PATHFINDER ENERGY SE...			
8/2/2015	10,534.00	83.71	175.29	10,245.34	514.57	-512.15	60.16	8.55	MWD	PATHFINDER ENERGY SE...			
8/2/2015	10,564.00	86.17	175.57	10,247.99	544.44	-541.94	62.55	8.25	MWD	PATHFINDER ENERGY SE...			
8/2/2015	10,594.00	88.11	175.59	10,249.49	574.39	-571.81	64.85	6.47	MWD	PATHFINDER ENERGY SE...			
8/2/2015	10,624.00	88.81	175.46	10,250.29	604.37	-601.71	67.19	2.37	MWD	PATHFINDER ENERGY SE...			
8/2/2015	10,683.00	89.08	176.03	10,251.38	663.34	-660.53	71.57	1.07	MWD	PATHFINDER ENERGY SE...			
8/2/2015	10,772.00	88.99	175.93	10,252.88	752.32	-749.30	77.81	0.15	MWD	PATHFINDER ENERGY SE...			
8/2/2015	10,862.00	88.29	176.02	10,255.01	842.27	-839.05	84.13	0.78	MWD	PATHFINDER ENERGY SE...			
8/2/2015	10,951.00	88.29	176.15	10,257.67	931.22	-927.81	90.20	0.15	MWD	PATHFINDER ENERGY SE...			
8/2/2015	11,040.00	88.64	176.87	10,260.05	1,020.19	-1,016.61	95.61	0.90	MWD	PATHFINDER ENERGY SE...			
8/2/2015	11,130.00	89.16	177.80	10,261.78	1,110.17	-1,106.49	99.80	1.18	MWD	PATHFINDER ENERGY SE...			
8/2/2015	11,219.00	90.48	177.76	10,262.06	1,199.16	-1,195.42	103.25	1.48	MWD	PATHFINDER ENERGY SE...			
8/2/2015	11,309.00	90.22	177.72	10,261.51	1,289.15	-1,285.35	106.80	0.29	MWD	PATHFINDER ENERGY SE...			
8/2/2015	11,398.00	90.31	177.94	10,261.10	1,378.14	-1,374.29	110.16	0.27	MWD	PATHFINDER ENERGY SE...			
8/2/2015	11,488.00	89.78	177.51	10,261.03	1,468.13	-1,464.22	113.74	0.76	MWD	PATHFINDER ENERGY SE...			
8/2/2015	11,577.00	90.84	178.03	10,260.55	1,557.12	-1,553.15	117.20	1.33	MWD	PATHFINDER ENERGY SE...			
8/2/2015	11,666.00	89.43	177.12	10,260.34	1,646.12	-1,642.06	120.97	1.89	MWD	PATHFINDER ENERGY SE...			
8/2/2015	11,756.00	90.66	177.65	10,260.27	1,736.11	-1,731.97	125.07	1.49	MWD	PATHFINDER ENERGY SE...			
8/2/2015	11,845.00	91.36	177.21	10,258.70	1,825.10	-1,820.86	129.06	0.93	MWD	PATHFINDER ENERGY SE...			
8/2/2015	11,934.00	91.71	176.97	10,256.31	1,914.06	-1,909.72	133.58	0.48	MWD	PATHFINDER ENERGY SE...			
8/2/2015	12,024.00	91.80	177.23	10,253.56	2,004.02	-1,999.56	138.13	0.31	MWD	PATHFINDER ENERGY SE...			
8/2/2015	12,113.00	91.71	176.70	10,250.83	2,092.98	-2,088.39	142.84	0.60	MWD	PATHFINDER ENERGY SE...			
8/2/2015	12,202.00	92.59	176.82	10,247.49	2,181.91	-2,177.19	147.87	1.00	MWD	PATHFINDER ENERGY SE...			
8/2/2015	12,292.00	90.84	176.41	10,244.80	2,271.87	-2,266.99	153.18	2.00	MWD	PATHFINDER ENERGY SE...			
8/2/2015	12,381.00	90.92	176.71	10,243.43	2,360.85	-2,355.81	158.52	0.35	MWD	PATHFINDER ENERGY SE...			
8/2/2015	12,471.00	90.92	176.66	10,241.99	2,450.84	-2,445.65	163.72	0.06	MWD	PATHFINDER ENERGY SE...			
8/4/2015	12,560.00	90.48	176.14	10,240.90	2,539.83	-2,534.47	169.31	0.77	MWD	PATHFINDER ENERGY SE...			
8/4/2015	12,649.00	91.71	178.38	10,239.20	2,628.80	-2,623.34	173.56	2.87	MWD	PATHFINDER ENERGY SE...			
8/4/2015	12,739.00	91.71	178.56	10,236.51	2,718.74	-2,713.27	175.97	0.20	MWD	PATHFINDER ENERGY SE...			
8/4/2015	12,828.00	91.36	178.53	10,234.13	2,807.67	-2,802.21	178.22	0.39	MWD	PATHFINDER ENERGY SE...			
8/4/2015	12,918.00	90.57	178.24	10,232.61	2,897.63	-2,892.16	180.76	0.94	MWD	PATHFINDER ENERGY SE...			
8/4/2015	13,007.00	90.48	178.52	10,231.80	2,986.61	-2,981.12	183.28	0.33	MWD	PATHFINDER ENERGY SE...			
8/4/2015	13,096.00	90.75	178.48	10,230.84	3,075.57	-3,070.09	185.61	0.31	MWD	PATHFINDER ENERGY SE...			
8/4/2015	13,186.00	90.57	178.70	10,229.81	3,165.53	-3,160.05	187.82	0.32	MWD	PATHFINDER ENERGY SE...			
8/4/2015	13,275.00	88.90	177.50	10,230.22	3,254.51	-3,249.00	190.77	2.31	MWD	PATHFINDER ENERGY SE...			
8/4/2015	13,365.00	87.49	177.56	10,233.05	3,344.46	-3,338.87	194.65	1.57	MWD	PATHFINDER ENERGY SE...			
8/4/2015	13,454.00	88.11	177.69	10,236.47	3,433.39	-3,427.73	198.33	0.71	MWD	PATHFINDER ENERGY SE...			
8/4/2015	13,543.00	87.32	177.77	10,240.02	3,522.31	-3,516.58	201.86	0.89	MWD	PATHFINDER ENERGY SE...			
8/4/2015	13,632.00	87.32	177.64	10,244.18	3,611.21	-3,605.42	205.42	0.15	MWD	PATHFINDER ENERGY SE...			
8/4/2015	13,722.00	88.46	177.64	10,247.49	3,701.14	-3,695.28	209.12	1.27	MWD	PATHFINDER ENERGY SE...			
8/4/2015	13,811.00	89.43	178.79	10,249.13	3,790.11	-3,784.22	211.89	1.69	MWD	PATHFINDER ENERGY SE...			
8/4/2015	13,901.00	89.34	179.03	10,250.10	3,880.05	-3,874.19	213.60	0.28	MWD	PATHFINDER ENERGY SE...			
8/4/2015	13,990.00	90.04	178.85	10,250.58	3,969.00	-3,963.18	215.25	0.81	MWD	PATHFINDER ENERGY SE...			
8/5/2015	14,080.00	89.34	177.67	10,251.07	4,058.98	-4,053.13	217.98	1.52	MWD	PATHFINDER ENERGY SE...			
8/5/2015	14,169.00	90.22	177.18	10,251.41	4,147.98	-4,142.04	221.98	1.13	MWD	PATHFINDER ENERGY SE...			
8/5/2015	14,258.00	91.19	176.98	10,250.31	4,236.97	-4,230.92	226.51	1.11	MWD	PATHFINDER ENERGY SE...			
8/5/2015	14,348.00	91.10	177.20	10,248.51	4,326.95	-4,320.78	231.08	0.26	MWD	PATHFINDER ENERGY SE...			
8/5/2015	14,437.00	91.01	177.15	10,246.88	4,415.94	-4,409.66	235.47	0.12	MWD	PATHFINDER ENERGY SE...			
8/5/2015	14,526.00	90.92	177.07	10,245.38	4,504.92	-4,498.53	239.95	0.14	MWD	PATHFINDER ENERGY SE...			
8/5/2015	14,616.00	91.19	178.70	10,243.72	4,594.89	-4,588.45	243.27	1.84	MWD	PATHFINDER ENERGY SE...			
8/5/2015	14,705.00	91.54	179.12	10,241.60	4,683.82	-4,677.41	244.97	0.61	MWD	PATHFINDER ENERGY SE...			
8/5/2015	14,732.00	91.45	179.48	10,240.90	4,710.79	-4,704.40	245.30	1.37	MWD	PATHFINDER ENERGY SE...			
8/5/2015	14,790.00	91.54	179.48	10,239.38	4,768.72	-4,762.38	245.82	0.16	BIT	PATHFINDER ENERGY SE...			