

Well Name: BELGIAN 15 FED COM 1H

Sub-Division DELAWARE BASIN WEST	Region BASIN WEST	Field Name PADUCA	County EDDY	State/Province NM
Surface Legal Location SEC15 T25S R31E	APN/AMI 3001543187	Latitude (°) 32° 7' 23.297" N	Longitude (°) 103° 45' 45.087" W	Orig. KB Elevation (ft) 3,387.90
Wellbores		Ground Elev. MS _L (ft) 3,362.90	KB - GL (ft) 25.00	
Wellbore Name OH	Parent Wellbore	SAP Well ID 39013	Vertical Section Direction (°) 355.82	

Kick Offs & Key Depths

Date 10/12/2015	Type CURVE	Top Depth (ftKB) 9,667.0
Actual Deviation Survey MWD, Proposed? No	Definitive? No	Proposed? No

Deviation Survey

Date	Description				
10/2/2015	MWD				
MD Tie in (ftKB)	TVD Tie in (ftKB)	Inclination Tie in (°)	Azimuth Tie in (°)	NS Tie in (ft)	EW Tie in (ft)

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS (°/100ft)	Survey Tool	Survey Company
10/14/2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD	PATHFINDER ENERGY SE...
10/2/2015	175.00	0.22	7.09	175.00	0.33	0.33	0.04	0.13	MWD	EXTREME
10/2/2015	296.00	0.62	104.82	296.00	0.34	0.40	0.70	0.57	MWD	EXTREME
10/2/2015	358.00	0.48	140.93	358.99	0.02	0.10	1.20	0.58	MWD	EXTREME
10/2/2015	454.00	0.40	137.34	453.99	-0.57	-0.45	1.67	0.09	MWD	EXTREME
10/2/2015	549.00	0.62	125.43	548.99	-1.16	-0.99	2.32	0.26	MWD	EXTREME
10/2/2015	643.00	0.62	146.43	642.98	-1.92	-1.71	3.01	0.24	MWD	EXTREME
10/2/2015	737.00	1.41	164.23	736.97	-3.50	-3.25	3.61	0.90	MWD	EXTREME
10/2/2015	870.00	2.42	175.53	869.99	-7.91	-7.62	4.27	0.81	MWD	EXTREME
10/5/2015	992.00	3.52	172.32	991.73	-14.23	-13.90	4.97	0.91	MWD	EXTREME
10/5/2015	1,180.00	2.42	154.74	1,179.47	-23.69	-23.21	7.44	0.75	MWD	EXTREME
10/5/2015	1,359.00	1.80	162.74	1,358.35	-29.95	-29.31	9.89	0.38	MWD	EXTREME
10/5/2015	1,537.00	1.19	160.41	1,536.29	-34.46	-33.72	11.34	0.34	MWD	EXTREME
10/5/2015	1,716.00	1.32	167.31	1,715.25	-38.29	-37.49	12.41	0.11	MWD	EXTREME
10/5/2015	1,894.00	1.01	175.31	1,893.21	-41.89	-41.05	12.99	0.20	MWD	EXTREME
10/5/2015	2,074.00	0.88	179.62	2,073.19	-44.85	-44.01	13.13	0.08	MWD	EXTREME
10/5/2015	2,252.00	0.70	176.53	2,251.17	-47.30	-46.46	13.20	0.10	MWD	EXTREME
10/5/2015	2,431.00	0.79	168.63	2,430.15	-49.62	-48.77	13.51	0.08	MWD	EXTREME
10/5/2015	2,615.00	0.62	164.85	2,614.14	-51.86	-50.97	14.02	0.10	MWD	EXTREME
10/5/2015	2,788.00	0.62	149.91	2,787.13	-53.62	-52.68	14.74	0.09	MWD	EXTREME
10/6/2015	2,967.00	0.22	166.12	2,966.13	-54.83	-53.85	15.31	0.23	MWD	EXTREME
10/6/2015	3,146.00	0.48	135.71	3,145.12	-55.74	-54.73	15.91	0.17	MWD	EXTREME
10/6/2015	3,324.00	0.48	96.34	3,323.12	-56.45	-55.34	17.17	0.18	MWD	EXTREME
10/6/2015	3,503.00	0.48	86.13	3,502.11	-56.59	-55.37	18.67	0.05	MWD	EXTREME
10/6/2015	3,681.00	0.78	91.11	3,680.10	-56.70	-55.35	20.64	0.18	MWD	EXTREME
10/6/2015	3,859.00	0.90	90.01	3,858.08	-56.92	-55.37	23.26	0.06	MWD	EXTREME
10/6/2015	4,038.00	1.19	114.71	4,037.05	-57.92	-56.15	26.36	0.30	MWD	EXTREME
10/6/2015	4,217.00	1.01	124.24	4,216.02	-59.80	-57.81	29.35	0.14	MWD	EXTREME
10/6/2015	4,270.00	0.79	136.33	4,269.01	-60.37	-58.34	29.99	0.55	MWD	PATHFINDER ENERGY SE...
10/7/2015	4,381.00	0.88	134.09	4,380.00	-61.60	-59.49	31.13	0.09	MWD	PATHFINDER ENERGY SE...
10/7/2015	4,470.00	1.14	50.57	4,468.99	-61.60	-59.40	32.30	1.53	MWD	PATHFINDER ENERGY SE...
10/7/2015	4,560.00	2.73	5.22	4,558.94	-58.96	-56.70	33.19	2.32	MWD	PATHFINDER ENERGY SE...
10/7/2015	4,649.00	3.78	345.10	4,647.80	-53.99	-51.75	32.63	1.73	MWD	PATHFINDER ENERGY SE...
10/7/2015	4,738.00	5.19	338.40	4,736.52	-47.27	-45.17	30.39	1.69	MWD	PATHFINDER ENERGY SE...
10/7/2015	4,827.00	5.28	335.20	4,825.15	-39.57	-37.68	27.26	0.25	MWD	PATHFINDER ENERGY SE...
10/7/2015	4,917.00	5.19	335.38	4,914.78	-31.85	-30.19	23.89	0.13	MWD	PATHFINDER ENERGY SE...
10/8/2015	5,006.00	5.36	332.94	5,003.40	-24.25	-22.83	20.32	0.32	MWD	PATHFINDER ENERGY SE...
10/8/2015	5,096.00	5.45	328.97	5,093.00	-16.53	-15.39	16.27	0.33	MWD	PATHFINDER ENERGY SE...
10/8/2015	5,185.00	5.36	336.99	5,181.61	-8.80	-7.90	12.63	0.75	MWD	PATHFINDER ENERGY SE...
10/8/2015	5,274.00	5.10	323.37	5,270.24	-1.52	-0.90	8.55	1.42	MWD	PATHFINDER ENERGY SE...
10/8/2015	5,363.00	5.45	300.01	5,358.87	4.19	4.39	2.62	2.43	MWD	PATHFINDER ENERGY SE...
10/8/2015	5,453.00	6.60	285.91	5,448.38	8.37	7.94	-6.15	2.07	MWD	PATHFINDER ENERGY SE...
10/9/2015	5,542.00	6.42	284.12	5,536.80	11.69	10.56	-15.90	0.30	MWD	PATHFINDER ENERGY SE...
10/9/2015	5,632.00	6.60	284.38	5,626.22	14.92	13.07	-25.79	0.20	MWD	PATHFINDER ENERGY SE...
10/9/2015	5,721.00	6.60	284.56	5,714.63	18.19	15.63	-35.69	0.02	MWD	PATHFINDER ENERGY SE...
10/9/2015	5,811.00	6.77	282.03	5,804.02	21.33	18.03	-45.88	0.38	MWD	PATHFINDER ENERGY SE...
10/9/2015	5,901.00	5.72	274.17	5,893.49	23.46	19.46	-55.55	1.50	MWD	PATHFINDER ENERGY SE...
10/9/2015	5,990.00	5.54	272.84	5,982.06	24.63	20.00	-64.26	0.25	MWD	PATHFINDER ENERGY SE...
10/9/2015	6,080.00	5.36	275.45	6,071.65	25.87	20.61	-72.78	0.34	MWD	PATHFINDER ENERGY SE...
10/9/2015	6,169.00	4.75	272.77	6,160.31	27.01	21.19	-80.60	0.73	MWD	PATHFINDER ENERGY SE...
10/9/2015	6,258.00	4.40	271.85	6,249.02	27.81	21.48	-87.70	0.40	MWD	PATHFINDER ENERGY SE...
10/9/2015	6,348.00	4.31	271.23	6,338.76	28.49	21.66	-94.53	0.11	MWD	PATHFINDER ENERGY SE...
10/9/2015	6,437.00	4.22	269.77	6,427.52	29.03	21.72	-101.15	0.16	MWD	PATHFINDER ENERGY SE...
10/9/2015	6,526.00	4.22	282.84	6,516.28	30.22	22.43	-107.61	1.08	MWD	PATHFINDER ENERGY SE...
10/9/2015	6,616.00	5.63	285.46	6,605.94	32.67	24.35	-115.10	1.59	MWD	PATHFINDER ENERGY SE...
10/9/2015	6,705.00	5.36	285.89	6,694.53	35.56	26.65	-123.30	0.31	MWD	PATHFINDER ENERGY SE...
10/9/2015	6,794.00	5.28	281.22	6,783.15	38.08	28.58	-131.32	0.49	MWD	PATHFINDER ENERGY SE...
10/9/2015	6,884.00	5.01	280.15	6,872.79	40.15	30.08	-139.25	0.32	MWD	PATHFINDER ENERGY SE...
10/9/2015	6,973.00	5.45	277.69	6,961.42	41.98	31.33	-147.26	0.55	MWD	PATHFINDER ENERGY SE...
10/9/2015	7,062.00	5.28	273.99	7,050.03	43.43	32.18	-155.54	0.43	MWD	PATHFINDER ENERGY SE...
10/9/2015	7,152.00	6.77	280.33	7,139.53	45.35	33.42	-164.89	1.81	MWD	PATHFINDER ENERGY SE...
10/9/2015	7,241.00	6.60	280.04	7,227.92	47.92	35.25	-175.08	0.19	MWD	PATHFINDER ENERGY SE...
10/9/2015	7,331.00	6.42	280.55	7,317.34	50.47	37.08	-185.12	0.21	MWD	PATHFINDER ENERGY SE...
10/9/2015	7,420.00	6.24	277.66	7,405.80	52.73	38.63	-194.81	0.41	MWD	PATHFINDER ENERGY SE...

Provide signature page for survey

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Survey Data										
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10/9/2015	7,509.00	5.98	278.77	7,494.29	54.76	39.98	-204.18	0.32	MWD	PATHFINDER ENERGY SE...
10/9/2015	7,599.00	5.72	278.90	7,583.83	56.83	41.39	-213.25	0.29	MWD	PATHFINDER ENERGY SE...
10/9/2015	7,688.00	5.63	278.13	7,672.39	58.76	42.70	-221.95	0.13	MWD	PATHFINDER ENERGY SE...
10/9/2015	7,778.00	5.28	274.24	7,761.98	60.31	43.63	-230.45	0.57	MWD	PATHFINDER ENERGY SE...
10/9/2015	7,867.00	4.75	271.68	7,850.64	61.28	44.04	-238.22	0.65	MWD	PATHFINDER ENERGY SE...
10/9/2015	7,957.00	5.54	273.80	7,940.28	62.27	44.43	-246.28	0.90	MWD	PATHFINDER ENERGY SE...
10/11/2...	8,046.00	6.42	274.30	8,028.79	63.60	45.09	-255.53	0.99	MWD	PATHFINDER ENERGY SE...
10/11/2...	8,135.00	6.24	273.38	8,117.25	64.97	45.75	-265.32	0.23	MWD	PATHFINDER ENERGY SE...
10/11/2...	8,224.00	5.98	271.42	8,205.74	66.06	46.15	-274.78	0.37	MWD	PATHFINDER ENERGY SE...
10/11/2...	8,314.00	6.16	274.89	8,295.24	67.28	46.68	-284.28	0.45	MWD	PATHFINDER ENERGY SE...
10/11/2...	8,403.00	6.60	276.11	8,383.69	68.94	47.63	-294.12	0.52	MWD	PATHFINDER ENERGY SE...
10/11/2...	8,492.00	5.89	278.62	8,472.16	70.71	48.70	-303.74	0.80	MWD	PATHFINDER ENERGY SE...
10/11/2...	8,582.00	4.04	276.47	8,561.82	72.16	49.59	-311.48	2.06	MWD	PATHFINDER ENERGY SE...
10/11/2...	8,671.00	3.78	277.55	8,650.61	73.34	50.33	-317.51	0.30	MWD	PATHFINDER ENERGY SE...
10/11/2...	8,761.00	5.10	269.98	8,740.34	74.23	50.72	-324.45	1.60	MWD	PATHFINDER ENERGY SE...
10/11/2...	8,850.00	4.84	275.35	8,829.01	75.14	51.07	-332.14	0.60	MWD	PATHFINDER ENERGY SE...
10/11/2...	8,938.00	4.75	270.89	8,916.70	76.08	51.47	-339.48	0.44	MWD	PATHFINDER ENERGY SE...
10/11/2...	9,029.00	4.57	262.54	9,007.40	76.20	51.06	-346.84	0.77	MWD	PATHFINDER ENERGY SE...
10/11/2...	9,118.00	3.69	253.66	9,096.17	75.40	49.79	-353.11	1.22	MWD	PATHFINDER ENERGY SE...
10/11/2...	9,207.00	2.99	241.19	9,185.02	73.83	47.87	-357.89	1.13	MWD	PATHFINDER ENERGY SE...
10/11/2...	9,296.00	3.08	233.61	9,273.89	71.58	45.33	-361.85	0.46	MWD	PATHFINDER ENERGY SE...
10/11/2...	9,386.00	1.85	253.89	9,363.81	69.99	43.49	-365.19	1.66	MWD	PATHFINDER ENERGY SE...
10/11/2...	9,475.00	1.67	260.69	9,452.77	69.58	42.88	-367.85	0.31	MWD	PATHFINDER ENERGY SE...
10/11/2...	9,564.00	1.32	266.16	9,541.74	69.47	42.60	-370.15	0.42	MWD	PATHFINDER ENERGY SE...
10/11/2...	9,608.00	1.58	276.38	9,585.72	69.59	42.64	-371.26	0.83	MWD	PATHFINDER ENERGY SE...
10/13/2...	9,677.00	1.93	319.08	9,654.69	70.69	43.62	-372.97	1.91	MWD	PATHFINDER ENERGY SE...
10/13/2...	9,722.00	5.72	347.07	9,699.59	73.52	45.38	-373.97	9.15	MWD	PATHFINDER ENERGY SE...
10/13/2...	9,766.00	10.20	353.01	9,743.15	78.58	52.39	-374.93	10.34	MWD	PATHFINDER ENERGY SE...
10/13/2...	9,811.00	15.12	354.31	9,787.05	89.43	62.19	-376.00	10.95	MWD	PATHFINDER ENERGY SE...
10/13/2...	9,856.00	18.82	355.16	9,830.08	102.56	75.27	-377.19	8.24	MWD	PATHFINDER ENERGY SE...
10/13/2...	9,900.00	23.39	353.11	9,871.12	118.39	91.02	-378.84	10.52	MWD	PATHFINDER ENERGY SE...
10/13/2...	9,945.00	27.61	355.16	9,911.73	137.75	110.28	-380.79	9.58	MWD	PATHFINDER ENERGY SE...
10/13/2...	9,990.00	31.13	357.60	9,950.94	159.81	132.30	-382.16	8.26	MWD	PATHFINDER ENERGY SE...
10/13/2...	10,034.00	33.77	359.42	9,988.06	183.39	155.90	-382.76	6.40	MWD	PATHFINDER ENERGY SE...
10/13/2...	10,079.00	35.23	1.87	10,024.92	209.10	181.70	-382.45	6.29	MWD	PATHFINDER ENERGY SE...
10/13/2...	10,124.00	39.66	3.97	10,060.41	236.55	209.33	-381.02	8.14	MWD	PATHFINDER ENERGY SE...
10/13/2...	10,168.00	42.03	3.66	10,093.69	265.04	238.04	-379.11	5.41	MWD	PATHFINDER ENERGY SE...
10/13/2...	10,213.00	43.97	1.99	10,126.60	295.50	268.69	-377.61	5.00	MWD	PATHFINDER ENERGY SE...
10/13/2...	10,258.00	47.22	359.44	10,158.09	327.52	300.83	-377.23	8.28	MWD	PATHFINDER ENERGY SE...
10/13/2...	10,302.00	49.51	358.95	10,187.32	360.35	333.71	-377.69	5.27	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,347.00	51.35	359.54	10,215.88	394.97	368.39	-378.15	4.21	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,392.00	54.34	0.05	10,243.16	430.75	404.25	-378.27	6.71	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,436.00	58.04	0.70	10,267.64	467.18	440.80	-378.03	8.50	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,481.00	62.70	1.44	10,289.88	506.12	479.90	-377.29	10.45	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,526.00	67.80	2.89	10,308.71	546.72	520.72	-375.74	11.70	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,571.00	72.28	3.28	10,324.07	588.67	562.95	-373.46	9.99	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,615.00	76.24	2.97	10,336.01	630.67	605.23	-371.15	9.03	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,660.00	79.67	1.93	10,345.40	674.38	649.19	-369.27	7.95	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,705.00	82.66	0.53	10,352.31	718.64	693.64	-368.32	7.32	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,749.00	84.77	0.43	10,357.12	762.23	737.37	-367.95	4.80	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,794.00	87.05	0.03	10,360.33	806.98	782.25	-367.77	5.14	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,846.00	88.90	359.67	10,362.17	858.81	834.22	-367.91	3.62	MWD	PATHFINDER ENERGY SE...
10/14/2...	10,936.00	88.81	359.94	10,363.97	948.58	924.20	-368.22	0.32	MWD	PATHFINDER ENERGY SE...
10/14/2...	11,025.00	89.60	0.43	10,365.20	1,037.31	1,013.19	-367.93	1.04	MWD	PATHFINDER ENERGY SE...
10/14/2...	11,115.00	90.66	1.10	10,365.00	1,126.97	1,103.18	-366.73	1.39	MWD	PATHFINDER ENERGY SE...
10/14/2...	11,204.00	89.87	0.15	10,364.59	1,215.66	1,192.17	-365.76	1.39	MWD	PATHFINDER ENERGY SE...
10/14/2...	11,294.00	88.81	0.94	10,365.62	1,305.34	1,282.16	-364.90	1.47	MWD	PATHFINDER ENERGY SE...
10/14/2...	11,383.00	88.99	1.13	10,367.33	1,393.95	1,371.13	-363.29	0.29	MWD	PATHFINDER ENERGY SE...
10/14/2...	11,473.00	88.20	1.70	10,369.54	1,483.60	1,461.07	-361.07	1.08	MWD	PATHFINDER ENERGY SE...
10/14/2...	11,562.00	88.64	1.55	10,371.99	1,572.01	1,550.00	-358.55	0.52	MWD	PATHFINDER ENERGY SE...
10/14/2...	11,652.00	88.99	2.13	10,373.85	1,661.50	1,639.93	-355.66	0.75	MWD	PATHFINDER ENERGY SE...
10/14/2...	11,741.00	89.25	2.68	10,375.22	1,749.90	1,728.84	-351.93	0.68	MWD	PATHFINDER ENERGY SE...
10/14/2...	11,830.00	89.43	2.59	10,376.25	1,838.26	1,817.74	-347.84	0.23	MWD	PATHFINDER ENERGY SE...
10/14/2...	11,920.00	90.31	1.96	10,376.45	1,927.69	1,907.67	-344.26	1.20	MWD	PATHFINDER ENERGY SE...
10/14/2...	12,009.00	90.22	0.50	10,376.04	2,016.29	1,996.65	-342.35	1.64	MWD	PATHFINDER ENERGY SE...
10/14/2...	12,099.00	90.22	359.26	10,375.69	2,106.06	2,086.65	-342.54	1.38	MWD	PATHFINDER ENERGY SE...
10/14/2...	12,188.00	90.84	357.92	10,374.87	2,194.95	2,175.61	-344.73	1.66	MWD	PATHFINDER ENERGY SE...
10/14/2...	12,277.00	91.71	358.06	10,372.89	2,283.87	2,264.53	-347.85	0.99	MWD	PATHFINDER ENERGY SE...
10/14/2...	12,367.00	90.75	357.69	10,370.96	2,373.79	2,354.45	-351.20	1.15	MWD	PATHFINDER ENERGY SE...
10/14/2...	12,456.00	89.96	358.17	10,370.41	2,462.72	2,443.39	-354.42	1.04	MWD	PATHFINDER ENERGY SE...
10/14/2...	12,545.00	90.92	358.21	10,369.72	2,551.64	2,532.34	-357.23	1.08	MWD	PATHFINDER ENERGY SE...
10/14/2...	12,635.00	91.63	358.21	10,367.72	2,641.54	2,622.27	-360.04	0.79	MWD	PATHFINDER ENERGY SE...
10/14/2...	12,724.00	91.98	358.51	10,364.92	2,730.41	2,711.19	-362.59	0.52	MWD	PATHFINDER ENERGY SE...

Well Name: BELGIAN 15 FED COM 1H

Sub-Division	Region	Field Name	County	State/Province						
DELAWARE BASIN WEST	BASIN WEST	PADUCA	EDDY	NM						
Surface Legal Location		Latitude (°)	Longitude (°)	Orig KB Elevation (ft)	Ground Elev MSL (ft)	KB - GL (ft)				
SEC15 T25S R31E		3001543187	32° 7' 23.297" N	103° 45' 45.087" W	3,387.90	3,362.90	25.00			
Survey Data										
Date	MD (ftKB)	Ind (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Survey Tool	Survey Company
10/14/2...	12,813.00	91.36	359.41	10,362.32	2,819.24	2,800.14	-364.20	1.23	MWD	PATHFINDER ENERGY SE...
10/14/2...	12,903.00	90.75	359.76	10,360.67	2,909.03	2,890.12	-364.85	0.78	MWD	PATHFINDER ENERGY SE...
10/14/2...	12,993.00	90.22	0.30	10,359.90	2,998.78	2,980.12	-364.80	0.84	MWD	PATHFINDER ENERGY SE...
10/14/2...	13,082.00	88.72	1.01	10,360.73	3,087.46	3,069.11	-363.79	1.86	MWD	PATHFINDER ENERGY SE...
10/14/2...	13,171.00	89.16	1.04	10,362.37	3,176.08	3,158.08	-362.20	0.50	MWD	PATHFINDER ENERGY SE...
10/14/2...	13,261.00	89.69	1.30	10,363.28	3,265.68	3,248.05	-360.36	0.65	MWD	PATHFINDER ENERGY SE...
10/14/2...	13,350.00	90.22	1.47	10,363.35	3,354.26	3,337.03	-358.21	0.63	MWD	PATHFINDER ENERGY SE...
10/14/2...	13,439.00	88.90	359.24	10,364.03	3,442.97	3,426.01	-357.65	2.91	MWD	PATHFINDER ENERGY SE...
10/14/2...	13,529.00	89.25	358.31	10,365.48	3,532.84	3,515.98	-359.58	1.10	MWD	PATHFINDER ENERGY SE...
10/14/2...	13,618.00	90.75	358.26	10,365.48	3,621.75	3,604.94	-362.24	1.69	MWD	PATHFINDER ENERGY SE...
10/14/2...	13,707.00	91.63	358.10	10,363.64	3,710.66	3,693.87	-365.07	1.00	MWD	PATHFINDER ENERGY SE...
10/14/2...	13,797.00	92.07	358.24	10,360.73	3,800.53	3,783.78	-367.94	0.51	MWD	PATHFINDER ENERGY SE...
10/14/2...	13,886.00	92.95	358.06	10,356.83	3,889.37	3,872.65	-370.81	1.01	MWD	PATHFINDER ENERGY SE...
10/14/2...	13,976.00	93.21	358.30	10,352.00	3,979.17	3,962.47	-373.67	0.39	MWD	PATHFINDER ENERGY SE...
10/14/2...	14,065.00	91.80	359.01	10,348.11	4,067.97	4,051.36	-375.75	1.77	MWD	PATHFINDER ENERGY SE...
10/14/2...	14,154.00	90.75	359.28	10,346.13	4,156.80	4,140.33	-377.08	1.22	MWD	PATHFINDER ENERGY SE...
10/14/2...	14,243.00	90.92	359.96	10,344.83	4,245.59	4,229.31	-377.67	0.79	MWD	PATHFINDER ENERGY SE...
10/14/2...	14,333.00	90.48	0.11	10,343.73	4,335.34	4,319.31	-377.62	0.52	MWD	PATHFINDER ENERGY SE...
10/14/2...	14,422.00	90.40	0.25	10,343.05	4,424.08	4,408.30	-377.34	0.18	MWD	PATHFINDER ENERGY SE...
10/14/2...	14,511.00	90.75	0.31	10,342.15	4,512.81	4,497.30	-376.90	0.40	MWD	PATHFINDER ENERGY SE...
10/14/2...	14,601.00	91.10	0.39	10,340.70	4,602.51	4,587.28	-376.35	0.40	MWD	PATHFINDER ENERGY SE...
10/14/2...	14,690.00	90.13	0.57	10,339.75	4,691.21	4,676.28	-375.61	1.11	MWD	PATHFINDER ENERGY SE...
10/14/2...	14,779.00	89.60	0.03	10,339.95	4,779.94	4,765.27	-375.14	0.85	MWD	PATHFINDER ENERGY SE...
10/14/2...	14,869.00	89.43	0.81	10,340.72	4,869.65	4,855.27	-374.48	0.89	MWD	PATHFINDER ENERGY SE...
10/14/2...	14,912.00	89.34	0.80	10,341.18	4,912.48	4,898.26	-373.88	0.21	MWD	PATHFINDER ENERGY SE...
10/14/2...	14,967.00	89.52	0.67	10,341.73	4,967.28	4,953.25	-373.17	0.40	MWD	PATHFINDER ENERGY SE...
10/14/2...	15,030.00	89.52	0.67	10,342.25	5,030.05	5,016.25	-372.43	0.00	BIT	PATHFINDER ENERGY SE...