



Directional Survey

HOBBS OGD

NOV 04 2015

RECEIVED

Well Name: TAYLOR DRAW 7 FED COM 2Y

Sub-Division DELAWARE BASIN WEST	Region SLOPE EAST	Field Name LUSK	County LEA	State/Province NM
Surface Legal Location SEC 7-19S-32E	APN/VN 3002542693	Latitude (°) 32° 40' 10.062" N	Longitude (°) 103° 47' 52.261" W	Orig KB Elevation (ft) 3,637.10
				Ground Elev MSL (ft) 3,612.10
				KB - GL (ft) 25.00

Wellbores			
Wellbore Name OH	Parent Wellbore OH	SAP Well ID 38681	Vertical Section Direction (°)

Kick Offs & Key Depths			
Date 8/1/2015	Type CURVE		Top Depth (ftKB) 8,681.0
Actual Deviation Survey FLOWDRIFT/MWD, Proposed? No	Definitive? Yes	Proposed? No	Proposed Deviation Survey FLOWDRIFT/MWD, Proposed? No

Deviation Survey			
Date 7/20/2015	Description FLOWDRIFT/MWD		
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)
			NSTie In (ft)
			EW Tie In (ft)

Survey Data										
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Survey Tool	Survey Company
7/20/2015	158.00	0.10	269.87	158.00	0.14	0.00	-0.14	0.06	EM	FLOW DRIFT
7/20/2015	217.00	0.11	238.94	217.00	0.24	-0.03	-0.24	0.10	EM	FLOW DRIFT
7/20/2015	277.00	0.15	313.59	277.00	0.34	-0.01	-0.34	0.27	EM	FLOW DRIFT
7/20/2015	337.00	0.17	224.96	337.00	0.46	-0.01	-0.46	0.37	EM	FLOW DRIFT
7/20/2015	433.00	0.08	276.90	433.00	0.64	-0.11	-0.63	0.14	EM	FLOW DRIFT
7/20/2015	521.00	0.18	211.50	521.00	0.77	-0.22	-0.76	0.19	EM	FLOW DRIFT
7/20/2015	617.00	0.23	244.34	617.00	1.04	-0.43	-1.02	0.13	EM	FLOW DRIFT
7/20/2015	709.00	0.25	226.84	709.00	1.36	-0.65	-1.33	0.08	EM	FLOW DRIFT
7/20/2015	801.00	0.33	241.83	801.00	1.76	-0.91	-1.71	0.12	EM	FLOW DRIFT
7/20/2015	819.00	0.41	215.33	819.00	1.84	-0.99	-1.79	1.04	EM	FLOW DRIFT
7/22/2015	973.00	1.06	208.42	972.98	2.93	-2.69	-2.79	0.43	MWD	PATHFINDER ENERGY SE...
7/23/2015	1,065.00	2.81	184.48	1,064.93	3.67	-5.69	-3.37	2.06	MWD	PATHFINDER ENERGY SE...
7/23/2015	1,160.00	2.99	184.02	1,159.81	4.28	-10.48	-3.73	0.19	MWD	PATHFINDER ENERGY SE...
7/23/2015	1,252.00	2.73	183.62	1,251.69	4.83	-15.06	-4.03	0.28	MWD	PATHFINDER ENERGY SE...
7/23/2015	1,346.00	3.08	182.54	1,345.57	5.34	-19.82	-4.29	0.38	MWD	PATHFINDER ENERGY SE...
7/23/2015	1,440.00	2.90	174.29	1,439.44	5.48	-24.70	-4.16	0.50	MWD	PATHFINDER ENERGY SE...
7/23/2015	1,535.00	2.20	170.75	1,534.35	5.17	-28.90	-3.63	0.75	MWD	PATHFINDER ENERGY SE...
7/23/2015	1,629.00	1.32	145.16	1,628.30	4.41	-31.56	-2.72	1.23	MWD	PATHFINDER ENERGY SE...
7/23/2015	1,723.00	1.32	117.02	1,722.28	2.90	-32.95	-1.14	0.68	MWD	PATHFINDER ENERGY SE...
7/23/2015	1,818.00	1.06	79.37	1,817.26	1.08	-33.28	0.70	0.85	MWD	PATHFINDER ENERGY SE...
7/23/2015	1,912.00	1.23	75.13	1,911.24	-0.77	-32.86	2.53	0.20	MWD	PATHFINDER ENERGY SE...
7/23/2015	2,006.00	1.06	65.79	2,005.22	-2.56	-32.25	4.30	0.27	MWD	PATHFINDER ENERGY SE...
7/23/2015	2,100.00	0.35	62.51	2,099.22	-3.64	-31.76	5.35	0.76	MWD	PATHFINDER ENERGY SE...
7/23/2015	2,195.00	0.53	37.00	2,194.21	-4.18	-31.27	5.87	0.28	MWD	PATHFINDER ENERGY SE...
7/23/2015	2,289.00	0.88	41.68	2,288.21	-4.97	-30.39	6.61	0.38	MWD	PATHFINDER ENERGY SE...
7/23/2015	2,383.00	0.70	72.63	2,382.20	-6.04	-29.67	7.64	0.48	MWD	PATHFINDER ENERGY SE...
7/23/2015	2,478.00	0.26	308.68	2,477.20	-6.44	-29.37	8.02	0.92	MWD	PATHFINDER ENERGY SE...
7/23/2015	2,572.00	0.26	207.76	2,571.19	-6.17	-29.42	7.76	0.43	MWD	PATHFINDER ENERGY SE...
7/23/2015	2,667.00	0.44	199.97	2,666.19	-5.92	-29.96	7.53	0.20	MWD	PATHFINDER ENERGY SE...
7/23/2015	2,762.00	0.44	160.48	2,761.19	-5.88	-30.64	7.53	0.31	MWD	PATHFINDER ENERGY SE...
7/23/2015	2,856.00	0.26	192.84	2,855.19	-5.92	-31.19	7.60	0.28	MWD	PATHFINDER ENERGY SE...
7/23/2015	2,950.00	0.53	200.20	2,949.19	-5.69	-31.81	7.41	0.29	MWD	PATHFINDER ENERGY SE...
7/24/2015	3,045.00	0.70	226.43	3,044.18	-5.07	-32.62	6.83	0.34	MWD	PATHFINDER ENERGY SE...
7/24/2015	3,139.00	0.62	230.76	3,138.17	-4.23	-33.34	6.02	0.10	MWD	PATHFINDER ENERGY SE...
7/24/2015	3,234.00	0.44	228.74	3,233.17	-3.63	-33.90	5.35	0.19	MWD	PATHFINDER ENERGY SE...
7/24/2015	3,328.00	0.44	201.44	3,327.17	-3.09	-34.48	4.95	0.22	MWD	PATHFINDER ENERGY SE...
7/24/2015	3,423.00	0.18	243.88	3,422.17	-2.80	-34.88	4.68	0.35	MWD	PATHFINDER ENERGY SE...
7/24/2015	3,517.00	0.35	267.88	3,516.17	-2.38	-34.96	4.26	0.21	MWD	PATHFINDER ENERGY SE...
7/24/2015	3,611.00	0.35	249.13	3,610.16	-1.82	-35.07	3.71	0.12	MWD	PATHFINDER ENERGY SE...
7/24/2015	3,705.00	0.35	233.21	3,704.16	-1.31	-35.34	3.21	0.10	MWD	PATHFINDER ENERGY SE...
7/24/2015	3,800.00	0.35	263.41	3,799.16	-0.78	-35.55	2.69	0.19	MWD	PATHFINDER ENERGY SE...
7/24/2015	3,894.00	0.44	207.07	3,893.16	-0.31	-35.91	2.24	0.41	MWD	PATHFINDER ENERGY SE...
7/24/2015	3,988.00	0.53	204.91	3,987.16	0.08	-36.62	1.89	0.10	MWD	PATHFINDER ENERGY SE...
7/24/2015	4,083.00	0.44	227.29	4,082.15	0.56	-37.27	1.44	0.22	MWD	PATHFINDER ENERGY SE...
7/24/2015	4,177.00	0.44	227.30	4,176.15	1.12	-37.76	0.91	0.00	MWD	PATHFINDER ENERGY SE...
7/24/2015	4,271.00	0.62	195.98	4,270.15	1.56	-38.49	0.50	0.36	MWD	PATHFINDER ENERGY SE...
7/24/2015	4,366.00	0.53	207.45	4,365.14	1.95	-39.37	0.16	0.15	MWD	PATHFINDER ENERGY SE...
7/24/2015	4,472.00	0.62	202.56	4,471.14	2.45	-40.34	-0.29	0.10	MWD	PATHFINDER ENERGY SE...
7/28/2015	4,655.00	0.62	193.92	4,654.12	3.17	-42.21	-0.91	0.05	MWD	PATHFINDER ENERGY SE...
7/28/2015	4,749.00	0.97	155.72	4,748.12	3.03	-43.43	-0.70	0.66	MWD	PATHFINDER ENERGY SE...
7/28/2015	4,844.00	0.97	167.92	4,843.10	2.61	-44.95	-0.20	0.22	MWD	PATHFINDER ENERGY SE...
7/28/2015	4,939.00	1.49	146.00	4,938.08	1.85	-46.76	0.66	0.73	MWD	PATHFINDER ENERGY SE...
7/28/2015	5,033.00	2.20	121.53	5,032.03	-0.26	-48.72	2.88	1.11	MWD	PATHFINDER ENERGY SE...
7/28/2015	5,128.00	3.08	117.47	5,126.93	-3.96	-50.85	6.70	0.95	MWD	PATHFINDER ENERGY SE...
7/24/2015	5,222.00	3.78	126.07	5,220.76	-8.54	-53.84	11.44	0.92	MWD	PATHFINDER ENERGY SE...
7/28/2015	5,317.00	5.10	128.94	5,315.48	-14.10	-58.34	17.26	1.41	MWD	PATHFINDER ENERGY SE...
7/24/2015	5,411.00	5.01	136.15	5,409.11	-19.89	-63.92	23.35	0.68	MWD	PATHFINDER ENERGY SE...
7/28/2015	5,506.00	6.33	134.96	5,503.64	-26.10	-70.62	29.93	1.39	MWD	PATHFINDER ENERGY SE...
7/28/2015	5,600.00	7.21	137.21	5,596.99	-33.34	-78.61	37.60	0.98	MWD	PATHFINDER ENERGY SE...
7/28/2015	5,695.00	7.30	137.00	5,691.23	-41.02	-87.40	45.77	0.10	MWD	PATHFINDER ENERGY SE...
7/29/2015	5,789.00	6.95	137.76	5,784.50	-48.44	-95.97	53.67	0.39	MWD	PATHFINDER ENERGY SE...
7/29/2015	5,884.00	8.18	135.85	5,878.67	-56.51	-105.08	62.24	1.32	MWD	PATHFINDER ENERGY SE...
7/29/2015	5,978.00	8.18	136.92	5,971.72	-65.21	-114.76	71.46	0.16	MWD	PATHFINDER ENERGY SE...



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Surface Legal Location SEC 7-19S-32E	APPROX 3002542693	Latitude (°) 32° 40' 10.062" N	Longitude (°) 103° 47' 52.261" W	Orig KB Elevation (ft) 3,637.10
			Ground Elev MSL (ft) 3,612.10	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
7/29/2015	6,073.00	8.00	135.39	6,065.77	-73.94	-124.40	80.72	0.30	MWD	PATHFINDER ENERGY SE...
7/29/2015	6,168.00	7.56	136.97	6,159.90	-82.33	-133.68	89.63	0.51	MWD	PATHFINDER ENERGY SE...
7/29/2015	6,262.00	7.21	138.30	6,253.12	-89.99	-142.60	97.77	0.41	MWD	PATHFINDER ENERGY SE...
7/29/2015	6,356.00	8.27	135.49	6,346.26	-98.14	-151.83	106.44	1.20	MWD	PATHFINDER ENERGY SE...
7/29/2015	6,451.00	8.09	136.11	6,440.29	-107.03	-161.52	115.86	0.21	MWD	PATHFINDER ENERGY SE...
7/29/2015	6,545.00	7.56	137.20	6,533.42	-115.31	-170.82	124.65	0.59	MWD	PATHFINDER ENERGY SE...
7/29/2015	6,639.00	7.12	137.33	6,626.65	-122.97	-179.64	132.80	0.47	MWD	PATHFINDER ENERGY SE...
7/29/2015	6,734.00	8.09	137.45	6,720.81	-130.98	-188.90	141.31	1.02	MWD	PATHFINDER ENERGY SE...
7/29/2015	6,828.00	7.39	138.24	6,813.95	-138.96	-198.28	149.81	0.75	MWD	PATHFINDER ENERGY SE...
7/29/2015	6,922.00	6.68	139.87	6,907.24	-146.03	-206.97	157.36	0.78	MWD	PATHFINDER ENERGY SE...
7/29/2015	7,016.00	5.54	141.25	7,000.71	-151.97	-214.69	163.72	1.22	MWD	PATHFINDER ENERGY SE...
7/29/2015	7,110.00	5.63	138.91	7,094.26	-157.46	-221.70	169.59	0.26	MWD	PATHFINDER ENERGY SE...
7/29/2015	7,204.00	5.36	145.08	7,187.83	-162.62	-228.78	175.14	0.69	MWD	PATHFINDER ENERGY SE...
7/29/2015	7,298.00	5.98	138.49	7,281.37	-167.98	-236.04	180.89	0.96	MWD	PATHFINDER ENERGY SE...
7/29/2015	7,393.00	5.54	141.25	7,375.89	-173.73	-243.32	187.04	0.55	MWD	PATHFINDER ENERGY SE...
7/29/2015	7,487.00	4.66	147.06	7,469.52	-178.28	-250.07	191.96	1.08	MWD	PATHFINDER ENERGY SE...
7/29/2015	7,582.00	3.87	151.06	7,564.26	-181.60	-256.11	195.61	0.89	MWD	PATHFINDER ENERGY SE...
7/29/2015	7,676.00	4.22	137.19	7,658.02	-185.19	-261.43	199.50	1.10	MWD	PATHFINDER ENERGY SE...
7/29/2015	7,771.00	3.87	132.48	7,752.79	-189.67	-266.16	204.24	0.51	MWD	PATHFINDER ENERGY SE...
7/29/2015	7,865.00	2.90	138.22	7,846.62	-193.38	-270.07	208.16	1.09	MWD	PATHFINDER ENERGY SE...
7/31/2015	7,959.00	2.55	146.07	7,940.52	-195.94	-273.58	210.91	0.54	MWD	PATHFINDER ENERGY SE...
7/31/2015	8,073.00	2.11	150.57	8,054.42	-198.17	-277.51	213.36	0.42	MWD	PATHFINDER ENERGY SE...
7/31/2015	8,168.00	1.93	177.63	8,149.37	-198.93	-280.63	214.28	1.01	MWD	PATHFINDER ENERGY SE...
7/31/2015	8,262.00	0.88	167.75	8,243.34	-199.02	-282.92	214.50	1.14	MWD	PATHFINDER ENERGY SE...
7/31/2015	8,356.00	0.97	144.67	8,337.32	-199.56	-284.27	215.12	0.40	MWD	PATHFINDER ENERGY SE...
8/1/2015	8,450.00	0.53	145.86	8,431.32	-200.21	-285.28	215.82	0.47	MWD	PATHFINDER ENERGY SE...
8/1/2015	8,545.00	0.53	206.27	8,526.31	-200.22	-286.04	215.87	0.56	MWD	PATHFINDER ENERGY SE...
8/1/2015	8,639.00	0.09	320.16	8,620.31	-199.97	-286.37	215.63	0.61	MWD	PATHFINDER ENERGY SE...
8/1/2015	8,702.00	3.69	275.19	8,683.27	-197.93	-286.15	213.58	5.76	MWD	PATHFINDER ENERGY SE...
8/1/2015	8,733.00	7.91	277.94	8,714.10	-194.85	-285.77	210.47	13.64	MWD	PATHFINDER ENERGY SE...
8/1/2015	8,765.00	12.84	278.15	8,745.57	-189.19	-284.96	204.77	15.41	MWD	PATHFINDER ENERGY SE...
8/1/2015	8,796.00	16.53	277.12	8,775.55	-181.47	-283.92	196.98	11.93	MWD	PATHFINDER ENERGY SE...
8/2/2015	8,828.00	18.82	276.46	8,806.04	-171.90	-282.78	187.33	7.18	MWD	PATHFINDER ENERGY SE...
8/2/2015	8,859.00	21.10	276.37	8,835.17	-161.46	-281.60	176.82	7.36	MWD	PATHFINDER ENERGY SE...
8/2/2015	8,891.00	22.69	275.02	8,864.87	-149.67	-280.42	164.94	5.21	MWD	PATHFINDER ENERGY SE...
8/2/2015	8,922.00	25.15	276.23	8,893.20	-137.25	-279.18	152.44	8.09	MWD	PATHFINDER ENERGY SE...
8/2/2015	8,954.00	28.14	275.96	8,921.80	-123.08	-277.66	138.17	9.35	MWD	PATHFINDER ENERGY SE...
8/2/2015	8,985.00	31.04	277.30	8,948.75	-108.00	-275.88	122.97	9.59	MWD	PATHFINDER ENERGY SE...
8/2/2015	9,016.00	34.12	278.13	8,974.87	-91.60	-273.64	106.43	10.04	MWD	PATHFINDER ENERGY SE...
8/2/2015	9,048.00	36.58	276.60	9,000.97	-73.40	-271.27	88.07	8.17	MWD	PATHFINDER ENERGY SE...
8/2/2015	9,079.00	37.20	275.63	9,025.77	-55.03	-269.29	69.57	2.74	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,111.00	37.28	276.92	9,051.24	-35.92	-267.17	50.32	2.45	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,143.00	38.78	276.19	9,076.45	-16.48	-264.92	30.73	4.89	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,174.00	41.06	276.48	9,100.22	3.14	-262.73	10.96	7.38	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,206.00	44.67	275.54	9,123.67	24.63	-260.46	-10.68	11.46	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,237.00	49.77	275.27	9,144.72	47.13	-258.32	-33.33	16.46	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,268.00	54.43	275.00	9,163.76	71.33	-256.13	-57.68	15.05	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,300.00	59.27	274.60	9,181.25	97.87	-253.89	-84.37	15.16	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,331.00	64.46	274.52	9,195.86	124.95	-251.72	-111.61	16.74	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,363.00	70.08	274.02	9,208.22	154.21	-249.52	-141.03	17.62	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,395.00	74.48	273.46	9,217.96	184.47	-247.54	-171.44	13.85	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,426.00	79.23	272.86	9,225.01	214.47	-245.88	-201.58	15.44	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,491.00	88.20	270.92	9,232.12	278.77	-243.76	-266.08	14.11	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,585.00	89.34	269.64	9,234.13	372.58	-243.30	-360.06	1.82	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,680.00	90.57	270.11	9,234.21	467.46	-243.50	-455.05	1.39	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,775.00	91.45	268.68	9,232.53	562.35	-244.51	-550.03	1.77	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,869.00	92.15	269.14	9,229.58	656.25	-246.29	-643.97	0.89	MWD	PATHFINDER ENERGY SE...
8/3/2015	9,963.00	90.66	268.17	9,227.28	750.17	-248.50	-737.91	1.89	MWD	PATHFINDER ENERGY SE...
8/3/2015	10,058.00	89.78	267.16	9,226.91	845.16	-252.37	-832.83	1.41	MWD	PATHFINDER ENERGY SE...
8/3/2015	10,152.00	87.93	267.11	9,228.79	939.14	-257.07	-926.69	1.97	MWD	PATHFINDER ENERGY SE...
8/3/2015	10,247.00	86.53	267.41	9,233.38	1,034.02	-261.60	-1,021.46	1.51	MWD	PATHFINDER ENERGY SE...
8/3/2015	10,341.00	86.26	267.50	9,239.29	1,127.83	-265.77	-1,115.19	0.30	MWD	PATHFINDER ENERGY SE...
8/3/2015	10,435.00	86.70	268.46	9,245.06	1,221.64	-269.08	-1,208.95	1.12	MWD	PATHFINDER ENERGY SE...
8/3/2015	10,530.00	88.46	269.29	9,249.08	1,316.49	-270.94	-1,303.84	2.05	MWD	PATHFINDER ENERGY SE...
8/3/2015	10,624.00	88.11	269.53	9,251.89	1,410.36	-271.91	-1,397.79	0.45	MWD	PATHFINDER ENERGY SE...
8/3/2015	10,719.00	89.08	271.01	9,254.22	1,505.17	-271.46	-1,492.76	1.86	MWD	PATHFINDER ENERGY SE...
8/3/2015	10,814.00	89.34	271.77	9,255.53	1,599.87	-269.16	-1,587.72	0.85	MWD	PATHFINDER ENERGY SE...
8/3/2015	10,908.00	89.43	271.99	9,256.54	1,693.51	-266.07	-1,681.67	0.25	MWD	PATHFINDER ENERGY SE...
8/3/2015	11,003.00	91.28	271.42	9,256.95	1,788.18	-263.25	-1,776.62	2.04	MWD	PATHFINDER ENERGY SE...
8/3/2015	11,097.00	90.75	271.34	9,254.28	1,881.88	-260.98	-1,870.58	0.57	MWD	PATHFINDER ENERGY SE...
8/3/2015	11,192.00	92.07	271.38	9,251.95	1,976.56	-258.73	-1,965.52	1.39	MWD	PATHFINDER ENERGY SE...
8/3/2015	11,286.00	92.33	271.78	9,248.34	2,070.19	-256.14	-2,059.41	0.51	MWD	PATHFINDER ENERGY SE...
8/3/2015	11,381.00	91.10	271.56	9,245.49	2,164.82	-253.37	-2,154.33	1.32	MWD	PATHFINDER ENERGY SE...



Directional Survey

Well Name: TAYLOR DRAW 7 FED COM 2Y

Sub-Division DELAWARE BASIN WEST	Region SLOPE EAST	Field Name LUSK	County LEA	State/Province NM
Surface Legal Location SEC 7-19S-32E	APVUW 3002542593	Latitude (") 32° 40' 10.062" N	Longitude (") 103° 47' 52.261" W	Orig KB Elevation (ft) 3,637.10
			Ground Elev MSL (ft) 3,612.10	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
8/3/2015	11,476.00	90.84	271.09	9,243.89	2,259.52	-251.17	-2,249.29	0.57	MWD	PATHFINDER ENERGY SE...
8/3/2015	11,570.00	90.84	271.69	9,242.51	2,353.23	-248.89	-2,343.25	0.64	MWD	PATHFINDER ENERGY SE...
8/5/2015	11,665.00	91.36	271.85	9,240.68	2,447.87	-245.96	-2,438.19	0.57	MWD	PATHFINDER ENERGY SE...
8/5/2015	11,759.00	91.10	270.31	9,238.67	2,541.60	-244.19	-2,532.15	1.66	MWD	PATHFINDER ENERGY SE...
8/5/2015	11,854.00	89.87	271.25	9,237.86	2,636.38	-242.90	-2,627.13	1.63	MWD	PATHFINDER ENERGY SE...
8/5/2015	11,949.00	89.69	271.87	9,238.23	2,731.06	-240.31	-2,722.09	0.68	MWD	PATHFINDER ENERGY SE...
8/7/2015	12,067.00	89.60	270.00	9,238.96	2,848.77	-238.38	-2,840.07	1.59	MWD	PATHFINDER ENERGY SE...
8/7/2015	12,162.00	89.78	270.38	9,239.47	2,943.61	-238.07	-2,935.07	0.44	MWD	PATHFINDER ENERGY SE...
8/7/2015	12,256.00	88.37	270.14	9,240.99	3,037.44	-237.64	-3,029.05	1.52	MWD	PATHFINDER ENERGY SE...
8/7/2015	12,351.00	88.37	270.34	9,243.69	3,132.24	-237.25	-3,124.01	0.21	MWD	PATHFINDER ENERGY SE...
8/7/2015	12,445.00	87.14	267.82	9,247.37	3,226.09	-238.75	-3,217.92	2.98	MWD	PATHFINDER ENERGY SE...
8/7/2015	12,539.00	86.88	266.75	9,252.28	3,319.96	-243.20	-3,311.69	1.17	MWD	PATHFINDER ENERGY SE...
8/7/2015	12,634.00	87.49	266.74	9,256.94	3,414.85	-248.59	-3,406.42	0.64	MWD	PATHFINDER ENERGY SE...
8/7/2015	12,728.00	87.41	266.99	9,261.13	3,508.75	-253.72	-3,500.18	0.28	MWD	PATHFINDER ENERGY SE...
8/7/2015	12,822.00	88.02	268.21	9,264.87	3,602.67	-257.66	-3,594.02	1.45	MWD	PATHFINDER ENERGY SE...
8/7/2015	12,917.00	90.13	269.12	9,266.41	3,697.61	-259.87	-3,688.98	2.42	MWD	PATHFINDER ENERGY SE...
8/7/2015	13,011.00	90.75	269.65	9,265.68	3,791.52	-260.88	-3,782.97	0.87	MWD	PATHFINDER ENERGY SE...
8/8/2015	13,106.00	90.57	270.49	9,264.59	3,886.37	-260.76	-3,877.96	0.90	MWD	PATHFINDER ENERGY SE...
8/8/2015	13,200.00	91.54	271.61	9,262.86	3,980.11	-259.04	-3,971.93	1.58	MWD	PATHFINDER ENERGY SE...
8/8/2015	13,295.00	91.36	271.31	9,260.46	4,074.78	-256.62	-4,066.87	0.37	MWD	PATHFINDER ENERGY SE...
8/8/2015	13,389.00	90.92	270.85	9,258.59	4,168.51	-254.85	-4,160.83	0.68	MWD	PATHFINDER ENERGY SE...
8/8/2015	13,483.00	91.01	270.39	9,257.00	4,262.30	-253.83	-4,254.81	0.50	MWD	PATHFINDER ENERGY SE...
8/8/2015	13,578.00	91.01	271.29	9,255.33	4,357.07	-252.44	-4,349.79	0.95	MWD	PATHFINDER ENERGY SE...
8/8/2015	13,672.00	90.66	271.66	9,253.96	4,450.76	-250.02	-4,443.75	0.54	MWD	PATHFINDER ENERGY SE...
8/8/2015	13,766.00	90.04	270.34	9,253.38	4,544.52	-248.38	-4,537.73	1.55	MWD	PATHFINDER ENERGY SE...
8/8/2015	13,845.00	90.04	270.34	9,253.33	4,623.38	-247.91	-4,616.73	0.00	MWD	PATHFINDER ENERGY SE...