

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137
		³ Reason for Filing Code/ Effective Date NW / 10/11/15
⁴ API Number 30-015-42946	⁵ Pool Name Scanlon Draw; Bone Spring	⁶ Pool Code 55510
⁷ Property Code 38436	⁸ Property Name Emerald PWU 20	⁹ Well Number 9H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	19S	29E		940	North	195	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	19S	29E		412	North	259	East	Eddy
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 10/11/15	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278421	Holly-Frontier 10 Desta Drive, Ste 350W Midland, TX 79710	Oil
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas
	NM OIL CONSERVATION ARTESIA DISTRICT	
	NOV 05 2015	

RECEIVED

IV. Well Completion Data

²¹ Spud Date 8/14/15	²² Ready Date 10/11/15	²³ TD 13671/8927	²⁴ PBTB 13623	²⁵ Perforations 9050 - 13613	²⁶ DHC, MC
²⁷ Hole Size 17-1/2"	²⁸ Casing & Tubing Size 13-3/8"	²⁹ Depth Set 360	³⁰ Sacks Cement 700 sx CIC; Circ 115 bbls		
12-1/4"	9-5/8"	3201	1232 sx CIC; Circ 305 sx		
8-3/4"	5-1/2"	13671	2318 sx CH; Circ 0		
	Tubing: 2-7/8"	8416.7			

V. Well Test Data

³¹ Date New Oil 10/26/15	³² Gas Delivery Date 10/26/15	³³ Test Date 10/26/15	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 530 psi	³⁶ Cvg. Pressure 190 psi
³⁷ Choke Size	³⁸ Oil 686 bbl	³⁹ Water 851 bbl	⁴⁰ Gas 738 mcf		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Megan Moravec</i>			OIL CONSERVATION DIVISION		
Printed name: Megan Moravec			Approved by: <i>APDacle</i>		
Title: Regulatory Compliance Analyst			Title: <i>Dir R. Spenser</i>		
E-mail Address: megan.moravec@dm.com			Approval Date: 11-13-15		
Date: 11/4/2015			Phone:		

Provide signature page for Survey
(Frac report not on file currently)



Directional Survey

Well Name: EMERALD PWU 20 9H

Sub-Division DELAWARE BASIN WEST		Region SLOPE EAST		Field Name PARKWAY WEST		County EDDY		State/Province NM					
Surface Legal Location SEC 20-19S-29E		API/UWI 3001542946		Latitude (°) 32° 39' 3.789" N		Longitude (°) 104° 6' 17.875" W		Orig KB Elevation (ft) 3,372.60		Ground Elev MSL (ft) 3,347.60		KB - GL (ft) 25.00	
Wellbores													
Wellbore Name OH		Parent Wellbore OH			SAP Well ID 38723			Vertical Section Direction (°)					
Kick Offs & Key Depths													
Date 8/27/2015				Type CURVE				Top Depth (ftKB) 8,430.0					
Actual Deviation Survey ACTUAL, Proposed? No				Definitive? No		Proposed? No		Proposed Deviation Survey					
Deviation Survey													
Date 8/14/2015		Description ACTUAL											
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			
8/18/2015	128.00	0.20	329.00	128.00	-0.09	0.19	-0.12	0.16	MWD	TELEDRIFT			
8/18/2015	225.00	0.40	265.00	225.00	-0.50	0.31	-0.54	0.37	MWD	TELEDRIFT			
8/18/2015	301.00	0.70	189.00	301.00	-0.89	-0.17	-0.88	0.94	MWD	TELEDRIFT			
8/18/2015	374.00	0.70	185.00	373.99	-1.09	-1.06	-0.99	0.07	MWD	TELEDRIFT			
8/18/2015	467.00	0.50	214.00	466.99	-1.46	-1.96	-1.26	0.38	MWD	TELEDRIFT			
8/18/2015	559.00	0.90	224.00	558.98	-2.27	-2.81	-1.99	0.45	MWD	TELEDRIFT			
8/18/2015	653.00	0.40	164.00	652.97	-2.78	-3.66	-2.41	0.83	MWD	TELEDRIFT			
8/18/2015	746.00	0.80	179.00	745.97	-2.79	-4.62	-2.31	0.46	MWD	TELEDRIFT			
8/18/2015	839.00	0.60	136.00	838.96	-2.54	-5.62	-1.96	0.59	MWD	TELEDRIFT			
8/18/2015	932.00	0.10	210.00	931.96	-2.29	-6.04	-1.66	0.62	MWD	TELEDRIFT			
8/18/2015	1,023.00	0.10	268.00	1,022.96	-2.42	-6.11	-1.78	0.11	MWD	TELEDRIFT			
8/18/2015	1,115.00	0.40	154.00	1,114.96	-2.39	-6.40	-1.72	0.49	MWD	TELEDRIFT			
8/18/2015	1,208.00	0.10	95.00	1,207.96	-2.20	-6.70	-1.50	0.39	MWD	TELEDRIFT			
8/18/2015	1,301.00	0.30	276.00	1,300.96	-2.36	-6.69	-1.66	0.43	MWD	TELEDRIFT			
8/18/2015	1,396.00	0.30	142.00	1,395.96	-2.47	-6.86	-1.75	0.58	MWD	TELEDRIFT			
8/18/2015	1,490.00	0.50	157.00	1,489.95	-2.22	-7.43	-1.44	0.24	MWD	TELEDRIFT			
8/18/2015	1,584.00	0.50	162.00	1,583.95	-2.01	-8.19	-1.15	0.05	MWD	TELEDRIFT			
8/18/2015	1,678.00	0.60	173.00	1,677.95	-1.92	-9.07	-0.97	0.15	MWD	TELEDRIFT			
8/18/2015	1,775.00	0.40	184.00	1,774.94	-1.97	-9.91	-0.93	0.23	MWD	TELEDRIFT			
8/18/2015	1,870.00	0.40	237.00	1,869.94	-2.33	-10.43	-1.23	0.38	MWD	TELEDRIFT			
8/18/2015	1,964.00	0.60	244.00	1,963.94	-3.08	-10.82	-1.95	0.22	MWD	TELEDRIFT			
8/18/2015	2,059.00	1.00	202.00	2,058.93	-3.94	-11.81	-2.71	0.72	MWD	TELEDRIFT			
8/18/2015	2,153.00	0.60	199.00	2,152.92	-4.53	-13.03	-3.17	0.43	MWD	TELEDRIFT			
8/18/2015	2,248.00	0.70	244.00	2,247.91	-5.29	-13.76	-3.86	0.53	MWD	TELEDRIFT			
8/18/2015	2,342.00	0.60	229.00	2,341.91	-6.23	-14.33	-4.74	0.21	MWD	TELEDRIFT			
8/18/2015	2,433.00	0.70	213.00	2,432.90	-6.97	-15.11	-5.41	0.23	MWD	TELEDRIFT			
8/18/2015	2,528.00	1.10	211.00	2,527.89	-7.89	-16.38	-6.19	0.42	MWD	TELEDRIFT			
8/18/2015	2,621.00	1.20	225.00	2,620.87	-9.19	-17.83	-7.34	0.32	MWD	TELEDRIFT			
8/18/2015	2,715.00	1.10	244.00	2,714.85	-10.80	-18.92	-8.85	0.42	MWD	TELEDRIFT			
8/18/2015	2,810.00	1.20	222.00	2,809.83	-12.40	-20.06	-10.33	0.47	MWD	TELEDRIFT			
8/18/2015	2,908.00	1.00	246.00	2,907.82	-13.97	-21.17	-11.80	0.51	MWD	TELEDRIFT			
8/18/2015	3,002.00	1.10	246.00	3,001.80	-15.61	-21.87	-13.37	0.11	MWD	TELEDRIFT			
8/18/2015	3,097.00	1.20	245.00	3,096.78	-17.42	-22.67	-15.11	0.11	MWD	TELEDRIFT			
8/18/2015	3,268.00	1.23	242.86	3,267.74	-20.83	-24.26	-18.37	0.03	MWD	PATHFINDER ENERGY SE...			
8/18/2015	3,363.00	2.55	310.09	3,362.70	-23.24	-23.36	-20.89	2.49	MWD	PATHFINDER ENERGY SE...			
8/18/2015	3,458.00	2.73	313.59	3,457.60	-26.17	-20.44	-24.15	0.25	MWD	PATHFINDER ENERGY SE...			
8/18/2015	3,552.00	3.87	325.81	3,551.44	-29.12	-16.28	-27.55	1.42	MWD	PATHFINDER ENERGY SE...			
8/18/2015	3,647.00	4.22	336.67	3,646.21	-31.66	-10.41	-30.73	0.88	MWD	PATHFINDER ENERGY SE...			
8/18/2015	3,741.00	4.92	342.70	3,739.91	-33.48	-3.39	-33.30	0.90	MWD	PATHFINDER ENERGY SE...			
8/18/2015	3,836.00	5.36	346.25	3,834.53	-34.86	4.81	-35.57	0.57	MWD	PATHFINDER ENERGY SE...			
8/18/2015	3,931.00	6.86	344.88	3,928.98	-36.35	14.60	-38.10	1.59	MWD	PATHFINDER ENERGY SE...			
8/18/2015	4,026.00	7.12	341.27	4,023.28	-38.53	25.65	-41.47	0.54	MWD	PATHFINDER ENERGY SE...			
8/18/2015	4,120.00	8.00	354.71	4,116.47	-39.72	37.68	-43.95	2.09	MWD	PATHFINDER ENERGY SE...			
8/18/2015	4,215.00	7.56	355.72	4,210.59	-39.43	50.50	-45.02	0.48	MWD	PATHFINDER ENERGY SE...			
8/18/2015	4,310.00	6.95	352.12	4,304.83	-39.42	62.42	-46.28	0.80	MWD	PATHFINDER ENERGY SE...			
8/18/2015	4,404.00	5.72	347.61	4,398.26	-40.11	72.63	-48.06	1.41	MWD	PATHFINDER ENERGY SE...			
8/18/2015	4,499.00	6.77	359.95	4,492.70	-40.05	82.86	-49.08	1.79	MWD	PATHFINDER ENERGY SE...			
8/18/2015	4,594.00	8.18	2.74	4,586.89	-38.42	95.21	-48.77	1.53	MWD	PATHFINDER ENERGY SE...			
8/18/2015	4,688.00	8.00	3.55	4,679.95	-36.31	108.41	-48.04	0.23	MWD	PATHFINDER ENERGY SE...			
8/18/2015	4,782.00	7.65	2.21	4,773.08	-34.31	121.20	-47.40	0.42	MWD	PATHFINDER ENERGY SE...			
8/18/2015	4,876.00	8.53	2.97	4,866.14	-32.32	134.41	-46.79	0.94	MWD	PATHFINDER ENERGY SE...			
8/18/2015	4,971.00	8.62	2.61	4,960.08	-30.13	148.56	-46.10	0.11	MWD	PATHFINDER ENERGY SE...			
8/18/2015	5,065.00	8.71	0.70	5,053.00	-28.23	162.71	-45.70	0.32	MWD	PATHFINDER ENERGY SE...			
8/18/2015	5,159.00	8.79	355.50	5,145.91	-27.20	176.99	-46.17	0.85	MWD	PATHFINDER ENERGY SE...			
8/18/2015	5,253.00	9.41	353.54	5,238.73	-27.05	191.78	-47.60	0.74	MWD	PATHFINDER ENERGY SE...			
8/18/2015	5,347.00	9.06	349.52	5,331.51	-27.67	206.70	-49.81	0.78	MWD	PATHFINDER ENERGY SE...			
8/18/2015	5,442.00	8.79	347.62	5,425.36	-29.05	221.14	-52.73	0.42	MWD	PATHFINDER ENERGY SE...			
8/18/2015	5,536.00	8.53	347.75	5,518.29	-30.59	234.97	-55.75	0.28	MWD	PATHFINDER ENERGY SE...			
8/18/2015	5,631.00	8.27	350.97	5,612.27	-31.70	248.60	-58.31	0.57	MWD	PATHFINDER ENERGY SE...			
8/18/2015	5,726.00	8.00	353.86	5,706.31	-32.06	261.92	-60.09	0.52	MWD	PATHFINDER ENERGY SE...			
8/23/2015	5,821.00	7.47	357.39	5,800.45	-31.69	274.67	-61.08	0.75	MWD	PATHFINDER ENERGY SE...			
8/23/2015	5,917.00	7.47	3.38	5,895.64	-30.29	287.13	-61.00	0.81	MWD	PATHFINDER ENERGY SE...			
8/23/2015	6,012.00	7.30	1.58	5,989.85	-28.47	299.33	-60.47	0.30	MWD	PATHFINDER ENERGY SE...			
8/23/2015	6,107.00	7.03	0.11	6,084.11	-27.04	311.17	-60.29	0.34	MWD	PATHFINDER ENERGY SE...			



Directional Survey

Well Name: EMERALD PWU 20 9H

Sub-Division DELAWARE BASIN WEST		Region SLOPE EAST		Field Name PARKWAY WEST				County EDDY		State/Province NM			
Surface Legal Location SEC 20-19S-29E		API/WVI 3001542946		Latitude (") 32° 39' 3.789" N		Longitude (") 104° 6' 17.875" W		Orig KB Elevation (ft) 3,372.60		Ground Elev MSL (ft) 3,347.60		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			
8/23/2015	6,201.00	6.24	1.06	6,177.48	-25.79	322.03	-60.18	0.85	MWD	PATHFINDER ENERGY SE...			
8/23/2015	6,296.00	5.89	354.01	6,271.95	-25.14	332.04	-60.60	0.87	MWD	PATHFINDER ENERGY SE...			
8/23/2015	6,391.00	6.60	348.26	6,366.38	-25.68	342.24	-62.22	1.00	MWD	PATHFINDER ENERGY SE...			
8/23/2015	6,485.00	7.91	346.85	6,459.63	-27.01	353.83	-64.79	1.41	MWD	PATHFINDER ENERGY SE...			
8/24/2015	6,579.00	7.30	348.45	6,552.80	-28.37	365.98	-67.46	0.69	MWD	PATHFINDER ENERGY SE...			
8/24/2015	6,673.00	7.56	349.37	6,646.01	-29.44	377.90	-69.79	0.30	MWD	PATHFINDER ENERGY SE...			
8/24/2015	6,771.00	8.79	343.35	6,743.02	-31.32	391.41	-73.13	1.53	MWD	PATHFINDER ENERGY SE...			
8/25/2015	6,866.00	8.00	339.15	6,837.00	-34.34	404.55	-77.56	1.05	MWD	PATHFINDER ENERGY SE...			
8/25/2015	6,960.00	6.77	337.35	6,930.22	-37.59	415.77	-82.02	1.33	MWD	PATHFINDER ENERGY SE...			
8/25/2015	7,055.00	5.89	337.81	7,024.64	-40.54	425.45	-86.02	0.93	MWD	PATHFINDER ENERGY SE...			
8/25/2015	7,149.00	6.42	339.38	7,118.09	-43.20	434.84	-89.69	0.59	MWD	PATHFINDER ENERGY SE...			
8/25/2015	7,244.00	7.39	338.56	7,212.40	-46.16	445.50	-93.79	1.03	MWD	PATHFINDER ENERGY SE...			
8/25/2015	7,338.00	8.09	337.97	7,305.55	-49.58	457.26	-98.49	0.75	MWD	PATHFINDER ENERGY SE...			
8/25/2015	7,433.00	7.47	337.17	7,399.67	-53.19	469.14	-103.39	0.66	MWD	PATHFINDER ENERGY SE...			
8/25/2015	7,528.00	7.21	337.20	7,493.89	-56.69	480.33	-108.10	0.27	MWD	PATHFINDER ENERGY SE...			
8/25/2015	7,623.00	6.95	337.15	7,588.17	-60.07	491.12	-112.64	0.27	MWD	PATHFINDER ENERGY SE...			
8/25/2015	7,717.00	6.16	335.71	7,681.55	-63.29	500.96	-116.92	0.86	MWD	PATHFINDER ENERGY SE...			
8/25/2015	7,812.00	4.57	343.41	7,776.14	-65.57	509.23	-120.10	1.83	MWD	PATHFINDER ENERGY SE...			
8/26/2015	7,907.00	3.69	341.04	7,870.89	-66.94	515.75	-122.17	0.94	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,001.00	2.99	336.80	7,964.73	-68.34	520.87	-124.12	0.79	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,096.00	2.11	332.66	8,059.63	-69.70	524.70	-125.90	0.95	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,191.00	0.79	9.41	8,154.60	-70.16	526.90	-126.60	1.63	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,286.00	0.70	335.49	8,249.60	-70.17	528.07	-126.73	0.47	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,372.00	0.66	294.28	8,335.59	-70.77	528.75	-127.40	0.56	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,467.00	4.33	79.85	8,430.51	-67.66	529.61	-124.37	5.15	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,498.00	8.66	80.02	8,461.30	-64.16	530.22	-120.91	13.97	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,530.00	12.79	80.10	8,492.74	-58.22	531.25	-115.05	12.91	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,561.00	16.68	80.06	8,522.71	-50.36	532.61	-107.28	12.55	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,593.00	19.67	77.73	8,553.11	-40.42	534.55	-97.50	9.61	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,624.00	22.60	76.34	8,582.02	-29.32	537.06	-86.61	9.59	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,656.00	25.84	77.25	8,611.20	-16.30	540.05	-73.83	10.19	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,687.00	28.82	81.16	8,638.74	-2.12	542.69	-59.85	11.22	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,718.00	32.86	84.34	8,665.35	13.76	544.67	-44.09	14.05	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,750.00	36.41	85.79	8,691.68	31.94	546.23	-25.97	11.39	MWD	PATHFINDER ENERGY SE...			
8/26/2015	8,781.00	40.36	86.57	8,715.98	51.17	547.50	-6.77	12.84	MWD	PATHFINDER ENERGY SE...			
8/27/2015	8,813.00	43.58	87.16	8,739.76	72.54	548.67	14.59	10.14	MWD	PATHFINDER ENERGY SE...			
8/27/2015	8,845.00	47.47	86.40	8,762.18	95.34	549.96	37.39	12.27	MWD	PATHFINDER ENERGY SE...			
8/27/2015	8,876.00	51.29	85.81	8,782.36	118.85	551.56	60.86	12.41	MWD	PATHFINDER ENERGY SE...			
8/27/2015	8,907.00	54.18	84.91	8,801.13	143.51	553.56	85.44	9.60	MWD	PATHFINDER ENERGY SE...			
8/27/2015	8,939.00	57.31	84.91	8,819.14	169.95	555.90	111.79	9.78	MWD	PATHFINDER ENERGY SE...			
8/27/2015	8,970.00	59.45	86.30	8,835.39	196.33	557.92	138.10	7.89	MWD	PATHFINDER ENERGY SE...			
8/27/2015	9,002.00	61.00	90.23	8,851.28	224.02	558.76	165.86	11.71	MWD	PATHFINDER ENERGY SE...			
8/27/2015	9,033.00	63.75	92.69	8,865.66	251.24	558.05	193.31	11.32	MWD	PATHFINDER ENERGY SE...			
8/27/2015	9,065.00	66.09	94.27	8,879.22	279.82	556.29	222.24	8.57	MWD	PATHFINDER ENERGY SE...			
8/27/2015	9,096.00	67.92	94.95	8,891.33	307.86	553.99	250.68	6.24	MWD	PATHFINDER ENERGY SE...			
8/27/2015	9,128.00	69.66	94.58	8,902.91	337.16	551.51	280.41	5.54	MWD	PATHFINDER ENERGY SE...			
8/27/2015	9,159.00	71.91	93.99	8,913.11	365.95	549.33	309.60	7.48	MWD	PATHFINDER ENERGY SE...			
8/28/2015	9,191.00	75.04	92.11	8,922.21	396.24	547.70	340.23	11.29	MWD	PATHFINDER ENERGY SE...			
8/28/2015	9,222.00	78.72	90.44	8,929.25	426.18	547.03	370.40	12.98	MWD	PATHFINDER ENERGY SE...			
8/28/2015	9,254.00	81.76	89.65	8,934.67	457.53	547.01	401.94	9.81	MWD	PATHFINDER ENERGY SE...			
8/28/2015	9,342.00	90.02	88.40	8,940.97	544.88	548.51	489.62	9.49	MWD	PATHFINDER ENERGY SE...			
8/28/2015	9,437.00	91.75	89.29	8,939.51	639.51	550.42	584.58	2.05	MWD	PATHFINDER ENERGY SE...			
8/28/2015	9,531.00	91.31	89.15	8,937.00	733.08	551.70	678.54	0.49	MWD	PATHFINDER ENERGY SE...			
8/28/2015	9,625.00	89.69	89.10	8,936.18	826.69	553.13	772.52	1.72	MWD	PATHFINDER ENERGY SE...			
8/29/2015	9,720.00	89.21	89.93	8,937.09	921.23	553.94	867.51	1.01	MWD	PATHFINDER ENERGY SE...			
8/29/2015	9,814.00	89.27	90.15	8,938.34	1,014.69	553.87	961.51	0.24	MWD	PATHFINDER ENERGY SE...			
8/29/2015	9,909.00	89.37	90.81	8,939.46	1,109.06	553.08	1,056.50	0.70	MWD	PATHFINDER ENERGY SE...			
8/29/2015	10,003.00	89.99	91.01	8,939.99	1,202.36	551.58	1,150.48	0.69	MWD	PATHFINDER ENERGY SE...			
8/29/2015	10,098.00	90.28	91.67	8,939.76	1,296.57	549.36	1,245.45	0.76	MWD	PATHFINDER ENERGY SE...			
8/29/2015	10,192.00	90.67	91.88	8,938.99	1,389.69	546.45	1,339.41	0.47	MWD	PATHFINDER ENERGY SE...			
8/29/2015	10,287.00	90.06	91.24	8,938.38	1,483.84	543.87	1,434.37	0.93	MWD	PATHFINDER ENERGY SE...			
8/29/2015	10,381.00	90.40	91.47	8,938.00	1,577.05	541.64	1,528.34	0.44	MWD	PATHFINDER ENERGY SE...			
8/29/2015	10,476.00	90.23	91.56	8,937.48	1,671.22	539.13	1,623.31	0.20	MWD	PATHFINDER ENERGY SE...			
8/29/2015	10,570.00	90.23	91.88	8,937.10	1,764.35	536.31	1,717.26	0.34	MWD	PATHFINDER ENERGY SE...			
8/29/2015	10,664.00	90.45	92.47	8,936.55	1,857.38	532.74	1,811.19	0.67	MWD	PATHFINDER ENERGY SE...			
8/29/2015	10,759.00	89.89	91.48	8,936.26	1,951.44	529.47	1,906.13	1.20	MWD	PATHFINDER ENERGY SE...			
8/29/2015	10,853.00	89.27	90.60	8,936.95	2,044.71	527.76	2,000.12	1.15	MWD	PATHFINDER ENERGY SE...			
8/29/2015	10,947.00	89.49	91.04	8,937.97	2,138.03	526.42	2,094.10	0.52	MWD	PATHFINDER ENERGY SE...			
8/29/2015	11,041.00	89.44	91.11	8,938.85	2,231.29	524.65	2,188.08	0.09	MWD	PATHFINDER ENERGY SE...			
8/29/2015	11,136.00	88.72	90.28	8,940.37	2,325.62	523.50	2,283.06	1.16	MWD	PATHFINDER ENERGY SE...			
8/29/2015	11,230.00	87.99	88.67	8,943.07	2,419.14	524.36	2,377.01	1.88	MWD	PATHFINDER ENERGY SE...			
8/29/2015	11,325.00	88.05	88.93	8,946.35	2,513.74	526.35	2,471.93	0.28	MWD	PATHFINDER ENERGY SE...			
8/29/2015	11,419.00	88.89	89.45	8,948.86	2,607.31	527.68	2,565.89	1.05	MWD	PATHFINDER ENERGY SE...			
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