



HOBBS OCD
JAN 21 2020
RECEIVED

Directional Survey

DELAWARE BASIN UNRESTRICTED

Well Name: FLAGLER 8 FED COM 30H

Sub-Division DELAWARE BASIN		Region EDDY COUNTY CORE		Field Name COTTON DRAW SOUTH - CD				County LEA		State/Province NM			
Surface Legal Location 8-25S-33E		API/UWI 3002544996		Latitude (°) 32° 8' 19.866" N		Longitude (°) 103° 36' 3.022" W		Orig KB Elevation (ft) 3,496.30		Ground Elev MSL (ft) 3,466.30		KB - GL (ft) 30.00	
Wellbores													
Wellbore Name OH		Parent Wellbore				SAP Well ID				Vertical Section Direction (°) 359.62			
Kick Offs & Key Depths													
Date 9/11/2019				Type CURVE				Top Depth (ftKB) 8,847.5					
Date 9/13/2019				Type CURVE				Top Depth (ftKB) 1,683.0					
Actual Deviation Survey COMPOSITE OH, Proposed? No				Definitive? No		Proposed? No		Proposed Deviation Survey COMPOSITE WELL PLAN - OH, Proposed? Yes					
Deviation Survey													
Date 9/11/2019		Description COMPOSITE OH											
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			
9/11/2019	131.00	0.18	114.01	131.00	-0.08	-0.08	0.19	0.14	MWD	WELLBENDERS DIRECTIO...			
9/11/2019	233.00	0.35	60.57	233.00	0.00	0.00	0.61	0.28	MWD	WELLBENDERS DIRECTIO...			
9/11/2019	322.00	0.22	101.97	322.00	0.10	0.10	1.01	0.26	MWD	WELLBENDERS DIRECTIO...			
9/11/2019	414.00	0.40	85.09	414.00	0.08	0.09	1.50	0.22	MWD	WELLBENDERS DIRECTIO...			
9/11/2019	507.00	0.22	95.90	506.99	0.09	0.10	2.00	0.20	MWD	WELLBENDERS DIRECTIO...			
9/11/2019	599.00	0.35	42.11	598.99	0.28	0.29	2.37	0.31	MWD	WELLBENDERS DIRECTIO...			
9/11/2019	691.00	0.09	29.46	690.99	0.55	0.56	2.59	0.29	MWD	WELLBENDERS DIRECTIO...			
9/12/2019	781.00	0.26	71.12	780.99	0.67	0.69	2.82	0.22	MWD	WELLBENDERS DIRECTIO...			
9/12/2019	873.00	0.40	359.58	872.99	1.06	1.08	3.01	0.44	MWD	WELLBENDERS DIRECTIO...			
9/12/2019	966.00	0.40	7.40	965.99	1.71	1.73	3.05	0.06	MWD	WELLBENDERS DIRECTIO...			
9/12/2019	1,059.00	0.35	317.39	1,058.99	2.24	2.26	2.90	0.34	MWD	WELLBENDERS DIRECTIO...			
9/12/2019	1,090.00	0.31	351.75	1,089.99	2.39	2.41	2.83	0.64	MWD	WELLBENDERS DIRECTIO...			
9/13/2019	1,241.00	0.70	305.08	1,240.98	3.33	3.35	2.01	0.36	MWD	WELLBENDERS DIRECTIO...			
9/13/2019	1,333.00	0.75	283.55	1,332.97	3.80	3.81	0.97	0.30	MWD	WELLBENDERS DIRECTIO...			
9/13/2019	1,425.00	0.92	305.26	1,424.96	4.38	4.38	-0.22	0.39	MWD	WELLBENDERS DIRECTIO...			
9/13/2019	1,517.00	0.75	281.26	1,516.96	4.93	4.92	-1.41	0.42	MWD	WELLBENDERS DIRECTIO...			
9/13/2019	1,609.00	0.75	284.60	1,608.95	5.21	5.19	-2.59	0.05	MWD	WELLBENDERS DIRECTIO...			
9/13/2019	1,799.00	2.24	111.11	1,798.91	4.17	4.17	-0.33	1.57	MWD	WELLBENDERS DIRECTIO...			
9/13/2019	1,988.00	3.69	105.92	1,987.65	1.11	1.17	8.97	0.78	MWD	WELLBENDERS DIRECTIO...			
9/13/2019	2,177.00	6.24	108.47	2,175.93	-3.92	-3.76	24.56	1.35	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	2,366.00	7.87	106.89	2,363.49	-11.08	-10.77	46.69	0.87	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	2,461.00	7.12	104.78	2,457.68	-14.55	-14.16	58.60	0.84	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	2,555.00	7.74	104.78	2,550.89	-17.73	-17.26	70.36	0.66	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	2,650.00	8.62	106.27	2,644.92	-21.44	-20.89	83.38	0.95	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	2,745.00	7.87	105.04	2,738.94	-25.21	-24.57	96.49	0.81	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	2,840.00	8.62	105.84	2,832.96	-28.93	-28.20	109.62	0.80	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	2,935.00	9.45	105.84	2,926.78	-33.10	-32.27	123.98	0.87	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	3,029.00	8.75	102.32	3,019.59	-36.82	-35.91	138.38	0.95	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	3,124.00	9.80	101.70	3,113.35	-40.10	-39.09	153.36	1.11	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	3,220.00	10.99	103.90	3,207.77	-44.07	-42.94	170.25	1.31	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	3,314.00	10.37	101.53	3,300.14	-48.03	-46.79	187.23	0.81	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	3,408.00	11.38	99.24	3,392.46	-51.32	-49.97	204.68	1.17	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	3,503.00	11.47	100.47	3,485.57	-54.67	-53.19	223.22	0.27	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	3,598.00	10.33	101.44	3,578.86	-58.19	-56.59	240.85	1.22	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	3,692.00	9.54	104.34	3,671.45	-61.90	-60.20	256.66	0.99	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	3,787.00	8.62	103.37	3,765.26	-65.59	-63.79	271.21	0.98	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	3,881.00	8.57	101.53	3,858.20	-68.71	-66.82	284.93	0.30	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	3,975.00	8.97	103.64	3,951.10	-71.93	-69.95	298.91	0.55	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	4,070.00	8.62	104.52	4,044.99	-75.55	-73.48	313.00	0.39	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	4,165.00	7.08	103.02	4,139.09	-78.74	-76.58	325.60	1.64	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	4,259.00	6.99	102.14	4,232.38	-81.32	-79.09	336.84	0.15	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	4,354.00	8.18	106.36	4,326.55	-84.52	-82.21	348.97	1.38	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	4,448.00	10.42	108.82	4,419.31	-89.25	-86.84	363.44	2.42	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	4,543.00	9.23	107.24	4,512.92	-94.38	-91.87	378.85	1.28	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	4,637.00	10.29	109.61	4,605.56	-99.53	-96.92	393.96	1.21	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	4,732.00	12.35	112.43	4,698.70	-106.37	-103.64	411.34	2.24	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	4,826.00	11.56	113.22	4,790.66	-114.04	-111.19	429.29	0.86	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	4,921.00	9.71	114.71	4,884.03	-121.25	-118.30	445.32	1.97	MWD	WELLBENDERS DIRECTIO...			
9/14/2019	4,979.00	9.10	113.57	4,941.25	-125.18	-122.17	453.96	1.10	MWD	WELLBENDERS DIRECTIO...			
9/16/2019	5,111.00	7.21	114.54	5,071.91	-132.91	-129.79	471.07	1.44	MWD	WELLBENDERS DIRECTIO...			
9/16/2019	5,205.00	8.62	110.14	5,165.01	-137.87	-134.67	483.05	1.63	MWD	WELLBENDERS DIRECTIO...			
9/16/2019	5,300.00	9.36	106.71	5,258.84	-142.63	-139.34	497.13	0.96	MWD	WELLBENDERS DIRECTIO...			
9/16/2019	5,395.00	9.01	106.01	5,352.63	-147.00	-143.61	511.68	0.39	MWD	WELLBENDERS DIRECTIO...			
9/16/2019	5,489.00	8.70	106.63	5,445.50	-151.16	-147.68	525.57	0.35	MWD	WELLBENDERS DIRECTIO...			
9/16/2019	5,583.00	8.13	107.24	5,538.49	-155.25	-151.68	538.73	0.61	MWD	WELLBENDERS DIRECTIO...			
9/16/2019	5,678.00	8.13	106.27	5,632.54	-159.21	-155.55	551.59	0.14	MWD	WELLBENDERS DIRECTIO...			
9/16/2019	5,773.00	8.04	105.22	5,726.59	-162.92	-159.18	564.45	0.18	MWD	WELLBENDERS DIRECTIO...			
9/16/2019	5,867.00	8.22	102.93	5,819.65	-166.23	-162.41	577.34	0.39	MWD	WELLBENDERS DIRECTIO...			
9/16/2019	5,962.00	7.34	101.88	5,913.77	-169.09	-165.18	589.90	0.94	MWD	WELLBENDERS DIRECTIO...			
9/16/2019	6,057.00	6.68	102.23	6,008.06	-171.58	-167.60	601.24	0.70	MWD	WELLBENDERS DIRECTIO...			
9/16/2019	6,151.00	6.55	100.91	6,101.44	-173.82	-169.77	611.85	0.21	MWD	WELLBENDERS DIRECTIO...			
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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
9/16/2019	6,246.00	6.42	100.56	6,195.83	-175.89	-171.77	622.39	0.14	MWD	WELLBENDERS DIRECTIO...
9/16/2019	6,341.00	5.93	99.33	6,290.28	-177.73	-173.54	632.45	0.53	MWD	WELLBENDERS DIRECTIO...
9/16/2019	6,436.00	4.44	102.58	6,384.89	-179.38	-175.13	640.88	1.60	MWD	WELLBENDERS DIRECTIO...
9/16/2019	6,531.00	3.43	105.66	6,479.66	-180.99	-176.70	647.21	1.09	MWD	WELLBENDERS DIRECTIO...
9/16/2019	6,626.00	3.52	106.19	6,574.49	-182.61	-178.28	652.75	0.10	MWD	WELLBENDERS DIRECTIO...
9/16/2019	6,720.00	2.24	92.04	6,668.37	-183.51	-179.15	657.35	1.55	MWD	WELLBENDERS DIRECTIO...
9/16/2019	6,815.00	0.84	71.29	6,763.33	-183.37	-179.00	659.87	1.56	MWD	WELLBENDERS DIRECTIO...
9/16/2019	6,909.00	0.48	310.80	6,857.33	-182.89	-178.52	660.22	1.23	MWD	WELLBENDERS DIRECTIO...
9/16/2019	7,004.00	0.88	304.20	6,952.32	-182.22	-177.85	659.32	0.43	MWD	WELLBENDERS DIRECTIO...
9/16/2019	7,099.00	0.88	292.16	7,047.31	-181.52	-177.16	658.04	0.19	MWD	WELLBENDERS DIRECTIO...
9/16/2019	7,193.00	0.75	295.50	7,141.30	-180.98	-176.62	656.82	0.15	MWD	WELLBENDERS DIRECTIO...
9/16/2019	7,288.00	1.01	294.71	7,236.29	-180.35	-176.01	655.49	0.27	MWD	WELLBENDERS DIRECTIO...
9/16/2019	7,382.00	1.23	289.44	7,330.27	-179.66	-175.33	653.79	0.26	MWD	WELLBENDERS DIRECTIO...
9/16/2019	7,477.00	1.19	298.23	7,425.25	-178.84	-174.52	651.96	0.20	MWD	WELLBENDERS DIRECTIO...
9/16/2019	7,571.00	0.92	286.36	7,519.23	-178.15	-173.84	650.38	0.37	MWD	WELLBENDERS DIRECTIO...
9/16/2019	7,666.00	1.05	289.70	7,614.22	-177.64	-173.34	648.82	0.15	MWD	WELLBENDERS DIRECTIO...
9/16/2019	7,761.00	0.75	291.11	7,709.21	-177.11	-172.82	647.43	0.32	MWD	WELLBENDERS DIRECTIO...
9/16/2019	7,856.00	1.01	280.83	7,804.20	-176.72	-172.44	646.02	0.32	MWD	WELLBENDERS DIRECTIO...
9/16/2019	7,950.00	0.75	276.26	7,898.19	-176.49	-172.22	644.60	0.29	MWD	WELLBENDERS DIRECTIO...
9/16/2019	8,045.00	0.53	276.34	7,993.18	-176.36	-172.10	643.54	0.23	MWD	WELLBENDERS DIRECTIO...
9/16/2019	8,140.00	0.79	240.22	8,088.17	-176.63	-172.38	642.54	0.50	MWD	WELLBENDERS DIRECTIO...
9/16/2019	8,234.00	1.01	220.62	8,182.16	-177.58	-173.33	641.44	0.40	MWD	WELLBENDERS DIRECTIO...
9/16/2019	8,329.00	1.01	219.04	8,277.15	-178.86	-174.61	640.36	0.03	MWD	WELLBENDERS DIRECTIO...
9/16/2019	8,424.00	1.14	207.79	8,372.13	-180.34	-176.10	639.40	0.26	MWD	WELLBENDERS DIRECTIO...
9/16/2019	8,518.00	1.23	212.18	8,466.11	-182.01	-177.78	638.42	0.14	MWD	WELLBENDERS DIRECTIO...
9/16/2019	8,613.00	1.41	201.20	8,561.09	-183.96	-179.73	637.46	0.33	MWD	WELLBENDERS DIRECTIO...
9/16/2019	8,740.00	2.02	208.67	8,688.03	-187.37	-183.15	635.82	0.51	MWD	WELLBENDERS DIRECTIO...
9/17/2019	8,804.00	1.23	217.54	8,752.00	-188.89	-184.69	634.86	1.29	MWD	WELLBENDERS DIRECTIO...
9/17/2019	8,898.00	12.40	349.91	8,845.31	-179.70	-175.51	632.46	14.11	MWD	WELLBENDERS DIRECTIO...
9/17/2019	8,992.00	21.05	351.93	8,935.25	-152.97	-148.81	628.32	9.22	MWD	WELLBENDERS DIRECTIO...
9/17/2019	9,087.00	33.27	350.00	9,019.62	-110.21	-106.09	621.37	12.89	MWD	WELLBENDERS DIRECTIO...
9/18/2019	9,182.00	38.95	351.40	9,096.34	-54.92	-50.86	612.37	6.04	MWD	WELLBENDERS DIRECTIO...
9/18/2019	9,276.00	45.05	354.57	9,166.17	7.52	11.54	604.80	6.87	MWD	WELLBENDERS DIRECTIO...
9/18/2019	9,371.00	52.44	355.97	9,228.77	78.69	82.66	598.96	7.86	MWD	WELLBENDERS DIRECTIO...
9/18/2019	9,465.00	61.89	358.26	9,279.68	157.50	161.45	595.08	10.26	MWD	WELLBENDERS DIRECTIO...
9/18/2019	9,560.00	69.23	359.05	9,318.96	243.92	247.86	593.07	7.76	MWD	WELLBENDERS DIRECTIO...
9/18/2019	9,655.00	83.30	359.75	9,341.46	335.97	339.90	592.12	14.83	MWD	WELLBENDERS DIRECTIO...
9/18/2019	9,778.00	88.92	3.44	9,349.81	458.54	462.50	595.55	5.46	MWD	WELLBENDERS DIRECTIO...
9/19/2019	9,872.00	88.70	2.48	9,351.76	552.36	556.35	600.40	1.05	MWD	WELLBENDERS DIRECTIO...
9/19/2019	9,967.00	89.45	2.48	9,353.29	647.23	651.25	604.51	0.79	MWD	WELLBENDERS DIRECTIO...
9/19/2019	10,062.00	89.01	3.00	9,354.57	742.08	746.13	609.05	0.72	MWD	WELLBENDERS DIRECTIO...
9/19/2019	10,156.00	89.23	2.04	9,356.01	835.94	840.03	613.18	1.05	MWD	WELLBENDERS DIRECTIO...
9/19/2019	10,251.00	88.44	1.51	9,357.95	930.86	934.96	616.13	1.00	MWD	WELLBENDERS DIRECTIO...
9/19/2019	10,345.00	89.19	1.51	9,359.89	1,024.79	1,028.91	618.60	0.80	MWD	WELLBENDERS DIRECTIO...
9/19/2019	10,440.00	88.48	359.66	9,361.82	1,119.75	1,123.88	619.57	2.09	MWD	WELLBENDERS DIRECTIO...
9/19/2019	10,535.00	89.10	358.78	9,363.83	1,214.72	1,218.85	618.28	1.13	MWD	WELLBENDERS DIRECTIO...
9/19/2019	10,630.00	90.15	359.22	9,364.45	1,309.71	1,313.83	616.62	1.20	MWD	WELLBENDERS DIRECTIO...
9/19/2019	10,725.00	91.87	359.66	9,362.77	1,404.69	1,408.81	615.69	1.87	MWD	WELLBENDERS DIRECTIO...
9/19/2019	10,818.00	89.89	0.45	9,361.35	1,497.68	1,501.79	615.78	2.29	MWD	WELLBENDERS DIRECTIO...
9/19/2019	10,913.00	90.55	0.19	9,360.98	1,592.67	1,596.79	616.31	0.75	MWD	WELLBENDERS DIRECTIO...
9/19/2019	11,008.00	90.24	0.10	9,360.33	1,687.66	1,691.79	616.55	0.34	MWD	WELLBENDERS DIRECTIO...
9/19/2019	11,103.00	89.45	1.86	9,360.58	1,782.63	1,786.77	618.18	2.03	MWD	WELLBENDERS DIRECTIO...
9/19/2019	11,197.00	90.07	1.51	9,360.98	1,876.57	1,880.73	620.94	0.76	MWD	WELLBENDERS DIRECTIO...
9/19/2019	11,291.00	88.40	359.93	9,362.23	1,970.53	1,974.70	622.12	2.45	MWD	WELLBENDERS DIRECTIO...
9/19/2019	11,386.00	88.44	359.49	9,364.85	2,065.50	2,069.67	621.64	0.46	MWD	WELLBENDERS DIRECTIO...
9/19/2019	11,480.00	89.27	359.75	9,366.73	2,159.48	2,163.64	621.02	0.93	MWD	WELLBENDERS DIRECTIO...
9/19/2019	11,574.00	90.37	0.28	9,367.03	2,253.47	2,257.64	621.04	1.30	MWD	WELLBENDERS DIRECTIO...
9/19/2019	11,669.00	88.40	358.26	9,368.04	2,348.46	2,352.62	619.83	2.97	MWD	WELLBENDERS DIRECTIO...
9/19/2019	11,764.00	88.09	358.17	9,370.95	2,443.38	2,447.53	616.88	0.34	MWD	WELLBENDERS DIRECTIO...
9/19/2019	11,859.00	89.41	359.14	9,373.03	2,538.34	2,542.48	614.65	1.72	MWD	WELLBENDERS DIRECTIO...
9/19/2019	11,954.00	89.32	358.61	9,374.08	2,633.33	2,637.45	612.78	0.57	MWD	WELLBENDERS DIRECTIO...
9/19/2019	12,048.00	90.81	359.40	9,373.97	2,727.32	2,731.43	611.15	1.79	MWD	WELLBENDERS DIRECTIO...
9/19/2019	12,143.00	91.82	359.22	9,371.79	2,822.29	2,826.40	610.01	1.08	MWD	WELLBENDERS DIRECTIO...
9/20/2019	12,237.00	91.38	359.93	9,369.17	2,916.26	2,920.36	609.31	0.89	MWD	WELLBENDERS DIRECTIO...
9/20/2019	12,332.00	90.81	0.01	9,367.35	3,011.24	3,015.34	609.26	0.61	MWD	WELLBENDERS DIRECTIO...
9/20/2019	12,426.00	88.66	359.14	9,367.79	3,105.23	3,109.33	608.56	2.47	MWD	WELLBENDERS DIRECTIO...
9/20/2019	12,521.00	88.48	359.75	9,370.16	3,200.20	3,204.30	607.64	0.67	MWD	WELLBENDERS DIRECTIO...
9/20/2019	12,616.00	89.49	0.45	9,371.84	3,295.18	3,299.28	607.81	1.29	MWD	WELLBENDERS DIRECTIO...
9/20/2019	12,710.00	90.51	0.01	9,371.84	3,389.17	3,393.28	608.19	1.18	MWD	WELLBENDERS DIRECTIO...
9/20/2019	12,805.00	91.21	0.63	9,370.42	3,484.15	3,488.27	608.72	0.98	MWD	WELLBENDERS DIRECTIO...
9/20/2019	12,900.00	92.26	1.25	9,367.54	3,579.08	3,583.21	610.27	1.28	MWD	WELLBENDERS DIRECTIO...
9/20/2019	12,995.00	91.38	1.16	9,364.52	3,674.00	3,678.14	612.27	0.93	MWD	WELLBENDERS DIRECTIO...
9/20/2019	13,089.00	91.34	1.25	9,362.29	3,767.93	3,772.09	614.25	0.10	MWD	WELLBENDERS DIRECTIO...



Well Name: FLAGLER 8 FED COM 30H

Sub-Division	Region	Field Name	County	State/Province		
DELAWARE BASIN	EDDY COUNTY CORE	COTTON DRAW SOUTH - CD	LEA	NM		
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Orig KB Elevation (ft)	Ground Elev MSL (ft)	KB - GL (ft)
8-25S-33E	3002544996	32° 8' 19.866" N	103° 36' 3.022" W	3,496.30	3,466.30	30.00

Survey Data										
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Survey Tool	Survey Company
9/20/2019	13,183.00	89.85	0.45	9,361.31	3,861.90	3,866.07	615.64	1.80	MWD	WELLBENDERS DIRECTIO...
9/20/2019	13,278.00	90.37	359.75	9,361.13	3,956.90	3,961.07	615.81	0.92	MWD	WELLBENDERS DIRECTIO...
9/20/2019	13,372.00	88.35	359.49	9,362.18	4,050.89	4,055.06	615.18	2.17	MWD	WELLBENDERS DIRECTIO...
9/20/2019	13,467.00	88.31	359.22	9,364.95	4,145.85	4,150.01	614.11	0.29	MWD	WELLBENDERS DIRECTIO...
9/20/2019	13,562.00	88.97	359.66	9,367.21	4,240.82	4,244.98	613.19	0.83	MWD	WELLBENDERS DIRECTIO...
9/20/2019	13,656.00	89.23	359.58	9,368.68	4,334.81	4,338.97	612.56	0.29	MWD	WELLBENDERS DIRECTIO...
9/20/2019	13,751.00	90.46	359.05	9,368.94	4,429.80	4,433.96	611.43	1.41	MWD	WELLBENDERS DIRECTIO...
9/20/2019	13,845.00	90.46	359.14	9,368.18	4,523.80	4,527.94	609.94	0.10	MWD	WELLBENDERS DIRECTIO...
9/20/2019	13,940.00	90.90	358.78	9,367.06	4,618.78	4,622.92	608.22	0.60	MWD	WELLBENDERS DIRECTIO...
9/20/2019	14,036.00	91.47	358.43	9,365.07	4,714.75	4,718.87	605.88	0.70	MWD	WELLBENDERS DIRECTIO...
9/20/2019	14,079.00	90.99	357.95	9,364.15	4,757.72	4,761.84	604.52	1.58	MWD	WELLBENDERS DIRECTIO...
10/16/2...	14,144.00	90.99	357.95	9,363.03	4,822.69	4,826.79	602.20	0.00	BIT	