



Directional Survey

NM OIL CONSERVATION DISTRICT
ARTESIAN DISTRICT
JAN 31 2016
RECEIVED

Well Name: CERF 10 STATE 9H

Sub-Division DELAWARE BASIN WEST	Region SLOPE WEST	Field Name BURTON FLAT	County EUREKA	State/Province NM
Surface Legal Location SEC 10 T21S R27E	API/UWI 3001542710	Latitude (°) 32° 29' 26.372" N	Longitude (°) 104° 10' 5.238" W	KB Elevation (ft) 3,309.10
				Ground Elev MSL (ft) 3,284.10
				KB - GL (ft) 25.00

Wellbore Name OH	Parent Wellbore OH	SAP Well ID 38602	Vertical Section Direction (°) 270.00
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Kick Offs & Key Depths				
Date 8/8/2015	Type CURVE	Top Depth (ftKB) 6,958.0		
Actual Deviation Survey FLO DRIFT, Proposed? No	Definitive? Yes	Proposed? No	Proposed Deviation Survey	

Deviation Survey				
Date 7/30/2015	Description FLO DRIFT			
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
7/30/2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD	FLO DRIFT
7/30/2015	139.00	0.10	3.00	139.00	-0.01	0.12	0.01	0.07	MWD	FLO DRIFT
7/30/2015	200.00	0.10	92.00	200.00	-0.06	0.17	0.06	0.23	MWD	FLO DRIFT
7/30/2015	262.00	0.40	142.00	262.00	-0.25	0.00	0.25	0.56	MWD	FLO DRIFT
7/30/2015	320.00	0.50	109.00	320.00	-0.61	-0.24	0.61	0.47	MWD	FLO DRIFT
7/30/2015	412.00	0.30	131.00	412.00	-1.17	-0.53	1.17	0.27	MWD	FLO DRIFT
7/30/2015	595.00	0.40	102.00	594.99	-2.16	-0.98	2.16	0.11	MWD	FLO DRIFT
7/30/2015	682.00	0.60	134.00	681.99	-2.79	-1.36	2.79	0.39	MWD	FLO DRIFT
7/30/2015	712.00	0.40	112.00	711.99	-3.00	-1.51	3.00	0.91	MWD	FLO DRIFT
8/1/2015	776.00	0.10	309.00	775.99	-3.16	-1.55	3.16	0.78	MWD	FLO DRIFT
8/1/2015	871.00	0.60	131.00	870.99	-3.47	-1.83	3.47	0.74	MWD	FLO DRIFT
8/1/2015	965.00	0.80	105.00	964.98	-4.48	-2.32	4.48	0.39	MWD	FLO DRIFT
8/1/2015	1,059.00	1.00	93.00	1,058.97	-5.93	-2.53	5.93	0.29	MWD	FLO DRIFT
8/1/2015	1,153.00	1.50	107.00	1,152.94	-7.92	-2.94	7.92	0.62	MWD	FLO DRIFT
8/1/2015	1,247.00	1.20	99.00	1,246.92	-10.07	-3.45	10.07	0.38	MWD	FLO DRIFT
8/2/2015	1,341.00	1.30	103.00	1,340.90	-12.08	-3.84	12.08	0.14	MWD	FLO DRIFT
8/2/2015	1,436.00	1.20	105.00	1,435.87	-14.10	-4.34	14.10	0.11	MWD	FLO DRIFT
8/2/2015	1,529.00	1.20	92.00	1,528.85	-16.01	-4.63	16.01	0.29	MWD	FLO DRIFT
8/2/2015	1,623.00	1.40	105.00	1,622.83	-18.10	-4.96	18.10	0.38	MWD	FLO DRIFT
8/2/2015	1,717.00	1.20	107.00	1,716.81	-20.15	-5.55	20.15	0.22	MWD	FLO DRIFT
8/2/2015	1,811.00	1.50	94.00	1,810.78	-22.32	-5.92	22.32	0.45	MWD	FLO DRIFT
8/2/2015	1,906.00	1.20	108.00	1,905.75	-24.51	-6.31	24.51	0.47	MWD	FLO DRIFT
8/2/2015	2,001.00	1.30	107.00	2,000.73	-26.48	-6.94	26.48	0.11	MWD	FLO DRIFT
8/2/2015	2,096.00	1.10	113.00	2,095.71	-28.35	-7.61	28.35	0.25	MWD	FLO DRIFT
8/2/2015	2,189.00	1.20	113.00	2,188.69	-30.07	-8.34	30.07	0.11	MWD	FLO DRIFT
8/2/2015	2,286.00	1.20	119.00	2,285.67	-31.90	-9.23	31.90	0.13	MWD	FLO DRIFT
8/2/2015	2,380.00	1.10	106.00	2,379.65	-33.62	-9.95	33.62	0.30	MWD	FLO DRIFT
8/2/2015	2,474.00	1.10	109.00	2,473.63	-35.34	-10.50	35.34	0.06	MWD	FLO DRIFT
8/2/2015	2,568.00	0.90	111.00	2,567.62	-36.89	-11.05	36.89	0.22	MWD	FLO DRIFT
8/2/2015	2,662.00	1.20	106.00	2,661.60	-38.52	-11.59	38.52	0.33	MWD	FLO DRIFT
8/2/2015	2,753.00	1.30	117.00	2,752.58	-40.36	-12.32	40.36	0.29	MWD	FLO DRIFT
8/2/2015	2,824.00	1.30	106.00	2,823.56	-41.85	-12.91	41.85	0.35	MWD	FLO DRIFT
8/4/2015	2,903.00	1.21	121.16	2,902.54	-43.43	-13.59	43.43	0.43	MWD	WEATHERFORD
8/4/2015	2,997.00	1.07	33.65	2,996.53	-44.76	-13.37	44.76	1.68	MWD	WEATHERFORD
8/4/2015	3,091.00	2.87	9.19	3,090.47	-45.62	-10.32	45.62	2.07	MWD	WEATHERFORD
8/4/2015	3,185.00	4.61	0.50	3,184.27	-46.03	-4.21	46.03	1.94	MWD	WEATHERFORD
8/4/2015	3,280.00	6.41	357.05	3,278.83	-45.79	4.90	45.79	1.93	MWD	WEATHERFORD
8/4/2015	3,374.00	8.31	354.64	3,372.05	-44.89	16.90	44.89	2.05	MWD	WEATHERFORD
8/4/2015	3,468.00	8.74	353.86	3,465.01	-43.49	30.77	43.49	0.47	MWD	WEATHERFORD
8/5/2015	3,562.00	8.83	354.18	3,557.91	-41.99	45.05	41.99	0.11	MWD	WEATHERFORD
8/5/2015	3,656.00	8.94	353.88	3,650.78	-40.48	59.49	40.48	0.13	MWD	WEATHERFORD
8/5/2015	3,750.00	8.81	353.82	3,743.65	-38.93	73.90	38.93	0.14	MWD	WEATHERFORD
8/5/2015	3,845.00	8.60	351.75	3,837.56	-37.13	88.17	37.13	0.40	MWD	WEATHERFORD
8/5/2015	3,939.00	8.17	350.22	3,930.56	-34.98	101.70	34.98	0.52	MWD	WEATHERFORD
8/5/2015	4,033.00	8.51	355.39	4,023.56	-33.29	115.22	33.29	0.88	MWD	WEATHERFORD
8/5/2015	4,127.00	8.35	356.28	4,116.55	-32.29	128.96	32.29	0.22	MWD	WEATHERFORD
8/5/2015	4,221.00	8.15	355.73	4,209.57	-31.35	142.42	31.35	0.23	MWD	WEATHERFORD
8/5/2015	4,315.00	8.06	356.47	4,302.64	-30.45	155.64	30.45	0.15	MWD	WEATHERFORD
8/5/2015	4,409.00	7.70	355.75	4,395.75	-29.58	168.50	29.58	0.40	MWD	WEATHERFORD
8/5/2015	4,503.00	8.77	354.63	4,488.78	-28.44	181.91	28.44	1.15	MWD	WEATHERFORD
8/5/2015	4,598.00	8.98	354.05	4,582.64	-26.99	196.50	26.99	0.24	MWD	WEATHERFORD
8/5/2015	4,692.00	8.87	354.07	4,675.50	-25.48	211.00	25.48	0.12	MWD	WEATHERFORD
8/5/2015	4,786.00	8.69	354.61	4,768.40	-24.07	225.28	24.07	0.21	MWD	WEATHERFORD
8/5/2015	4,880.00	8.43	353.21	4,861.35	-22.59	239.19	22.59	0.35	MWD	WEATHERFORD
8/5/2015	4,974.00	8.10	353.43	4,954.38	-21.01	252.61	21.01	0.35	MWD	WEATHERFORD
8/5/2015	5,069.00	8.82	353.38	5,048.34	-19.41	266.50	19.41	0.76	MWD	WEATHERFORD
8/5/2015	5,163.00	9.14	353.35	5,141.19	-17.71	281.07	17.71	0.34	MWD	WEATHERFORD
8/5/2015	5,257.00	8.84	352.77	5,234.04	-15.94	295.65	15.94	0.33	MWD	WEATHERFORD
8/5/2015	5,351.00	8.20	352.61	5,327.00	-14.17	309.47	14.17	0.68	MWD	WEATHERFORD
8/5/2015	5,445.00	8.44	354.86	5,420.01	-12.69	322.98	12.69	0.43	MWD	WEATHERFORD
8/5/2015	5,539.00	7.94	355.70	5,513.05	-11.58	336.33	11.58	0.55	MWD	WEATHERFORD
8/5/2015	5,634.00	8.58	355.66	5,607.06	-10.55	349.94	10.55	0.67	MWD	WEATHERFORD
8/5/2015	5,728.00	9.77	356.18	5,699.86	-9.49	364.89	9.49	1.27	MWD	WEATHERFORD
8/5/2015	5,822.00	9.27	356.08	5,792.56	-8.44	380.40	8.44	0.53	MWD	WEATHERFORD
8/5/2015	5,916.00	8.30	352.28	5,885.46	-7.01	394.68	7.01	1.20	MWD	WEATHERFORD
8/5/2015	6,010.00	8.67	352.29	5,978.43	-5.15	408.42	5.15	0.39	MWD	WEATHERFORD



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Surface Legal Location SEC 10 T21S R27E		API/UWI 3001542710		Latitude (") 32° 29' 26.372" N		Longitude (") 104° 10' 5.238" W		Orig KB Elevation (ft) 3,309.10		Ground Elev MSL (ft) 3,284.10		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			
8/5/2015	6,104.00	8.78	355.49	6,071.34	-3.64	422.59	3.64	0.53	MWD	WEATHERFORD			
8/5/2015	6,198.00	7.84	353.97	6,164.36	-2.40	436.12	2.40	1.03	MWD	WEATHERFORD			
8/5/2015	6,292.00	7.52	353.95	6,257.51	-1.08	448.61	1.08	0.34	MWD	WEATHERFORD			
8/5/2015	6,387.00	7.51	351.93	6,351.70	0.45	460.94	-0.45	0.28	MWD	WEATHERFORD			
8/5/2015	6,481.00	7.30	357.19	6,444.91	1.60	472.99	-1.60	0.75	MWD	WEATHERFORD			
8/5/2015	6,575.00	6.66	357.88	6,538.22	2.10	484.40	-2.10	0.69	MWD	WEATHERFORD			
8/5/2015	6,670.00	5.95	356.12	6,632.64	2.64	494.82	-2.64	0.77	MWD	WEATHERFORD			
8/5/2015	6,764.00	5.34	5.08	6,726.19	2.58	504.04	-2.58	1.14	MWD	WEATHERFORD			
8/5/2015	6,859.00	4.86	6.86	6,820.81	1.71	512.44	-1.71	0.53	MWD	WEATHERFORD			
8/5/2015	6,953.00	4.98	356.22	6,914.47	1.50	520.46	-1.50	0.98	MWD	WEATHERFORD			
8/5/2015	6,984.00	7.39	334.94	6,945.29	2.43	523.61	-2.43	10.61	MWD	WEATHERFORD			
8/5/2015	7,015.00	10.79	325.65	6,975.90	4.91	527.81	-4.91	11.91	MWD	WEATHERFORD			
8/5/2015	7,047.00	13.85	322.35	7,007.16	8.95	533.32	-8.95	9.81	MWD	WEATHERFORD			
8/5/2015	7,078.00	17.00	321.58	7,037.04	14.03	539.81	-14.03	10.18	MWD	WEATHERFORD			
8/5/2015	7,109.00	20.06	320.58	7,066.43	20.22	547.47	-20.22	9.92	MWD	WEATHERFORD			
8/5/2015	7,141.00	22.78	319.19	7,096.21	27.76	556.40	-27.76	8.65	MWD	WEATHERFORD			
8/5/2015	7,172.00	25.53	318.95	7,124.50	36.07	565.98	-36.07	8.88	MWD	WEATHERFORD			
8/5/2015	7,203.00	28.68	319.31	7,152.09	45.31	576.66	-45.31	10.18	MWD	WEATHERFORD			
8/5/2015	7,235.00	31.45	318.98	7,179.78	55.80	588.79	-55.80	8.67	MWD	WEATHERFORD			
8/5/2015	7,266.00	34.81	318.32	7,205.74	66.99	601.50	-66.99	10.90	MWD	WEATHERFORD			
8/5/2015	7,297.00	37.93	317.53	7,230.69	79.31	615.14	-79.31	10.18	MWD	WEATHERFORD			
8/5/2015	7,329.00	40.87	317.40	7,255.42	93.04	630.11	-93.04	9.19	MWD	WEATHERFORD			
8/5/2015	7,360.00	43.27	317.09	7,278.43	107.14	645.35	-107.14	7.77	MWD	WEATHERFORD			
8/5/2015	7,392.00	45.97	316.65	7,301.20	122.51	661.76	-122.51	8.49	MWD	WEATHERFORD			
8/5/2015	7,423.00	48.18	316.14	7,322.32	138.16	678.19	-138.16	7.23	MWD	WEATHERFORD			
8/5/2015	7,454.00	49.81	315.64	7,342.65	154.45	694.99	-154.45	5.40	MWD	WEATHERFORD			
8/5/2015	7,486.00	52.52	315.11	7,362.72	171.96	712.72	-171.96	8.57	MWD	WEATHERFORD			
8/5/2015	7,517.00	55.73	315.43	7,380.88	189.63	730.57	-189.63	10.39	MWD	WEATHERFORD			
8/5/2015	7,549.00	58.23	316.40	7,398.32	208.30	749.84	-208.30	8.22	MWD	WEATHERFORD			
8/5/2015	7,580.00	60.04	317.56	7,414.22	226.45	769.30	-226.45	6.66	MWD	WEATHERFORD			
8/5/2015	7,611.00	63.15	318.45	7,428.97	244.69	789.56	-244.69	10.35	MWD	WEATHERFORD			
8/5/2015	7,643.00	66.84	318.15	7,442.49	263.98	811.21	-263.98	11.56	MWD	WEATHERFORD			
8/5/2015	7,674.00	68.67	315.58	7,454.23	283.59	832.14	-283.59	9.68	MWD	WEATHERFORD			
8/5/2015	7,705.00	69.62	312.55	7,465.27	304.41	852.28	-304.41	9.63	MWD	WEATHERFORD			
8/5/2015	7,737.00	71.11	308.99	7,476.02	327.23	871.96	-327.23	11.47	MWD	WEATHERFORD			
8/5/2015	7,768.00	72.29	305.52	7,485.76	350.65	889.77	-350.65	11.29	MWD	WEATHERFORD			
8/5/2015	7,799.00	74.64	302.69	7,494.58	375.26	906.43	-375.26	11.58	MWD	WEATHERFORD			
8/5/2015	7,830.00	77.16	299.93	7,502.14	400.94	922.04	-400.94	11.86	MWD	WEATHERFORD			
8/5/2015	7,862.00	79.09	297.67	7,508.72	428.38	937.13	-428.38	9.17	MWD	WEATHERFORD			
8/5/2015	7,893.00	80.36	295.13	7,514.25	455.70	950.69	-455.70	9.04	MWD	WEATHERFORD			
8/5/2015	7,924.00	81.50	291.93	7,519.14	483.77	962.90	-483.77	10.84	MWD	WEATHERFORD			
8/5/2015	7,956.00	82.28	289.30	7,523.66	513.41	974.06	-513.41	8.49	MWD	WEATHERFORD			
8/5/2015	7,987.00	82.99	286.34	7,527.63	542.68	983.46	-542.68	9.74	MWD	WEATHERFORD			
8/5/2015	8,019.00	84.11	283.56	7,531.23	573.40	991.66	-573.40	9.31	MWD	WEATHERFORD			
8/5/2015	8,050.00	84.46	280.66	7,534.31	603.55	998.13	-603.55	9.38	MWD	WEATHERFORD			
8/5/2015	8,082.00	85.59	277.62	7,537.09	635.03	1,003.20	-635.03	10.10	MWD	WEATHERFORD			
8/5/2015	8,113.00	87.20	275.64	7,539.04	665.75	1,006.77	-665.75	8.22	MWD	WEATHERFORD			
8/5/2015	8,144.00	89.09	274.44	7,540.04	696.62	1,009.49	-696.62	7.22	MWD	WEATHERFORD			
8/5/2015	8,176.00	90.56	271.37	7,540.14	728.57	1,011.11	-728.57	10.64	MWD	WEATHERFORD			
8/5/2015	8,207.00	91.89	268.52	7,539.48	759.56	1,011.08	-759.56	10.14	MWD	WEATHERFORD			
8/5/2015	8,239.00	93.08	267.43	7,538.09	791.51	1,009.95	-791.51	5.04	MWD	WEATHERFORD			
8/5/2015	8,292.00	94.69	266.97	7,534.50	844.32	1,007.37	-844.32	3.16	MWD	WEATHERFORD			
8/5/2015	8,386.00	94.06	267.22	7,527.33	937.93	1,002.62	-937.93	0.72	MWD	WEATHERFORD			
8/5/2015	8,480.00	92.73	267.76	7,521.76	1,031.67	998.51	-1,031.67	1.53	MWD	WEATHERFORD			
8/5/2015	8,574.00	91.68	268.43	7,518.14	1,125.55	995.39	-1,125.55	1.32	MWD	WEATHERFORD			
8/5/2015	8,669.00	91.54	268.16	7,515.48	1,220.47	992.56	-1,220.47	0.32	MWD	WEATHERFORD			
8/5/2015	8,763.00	91.82	268.67	7,512.72	1,314.39	989.96	-1,314.39	0.62	MWD	WEATHERFORD			
8/5/2015	8,857.00	91.40	270.30	7,510.08	1,408.35	989.12	-1,408.35	1.79	MWD	WEATHERFORD			
8/5/2015	8,951.00	92.31	270.88	7,507.04	1,502.29	990.09	-1,502.29	1.15	MWD	WEATHERFORD			
8/5/2015	9,045.00	91.19	271.09	7,504.16	1,596.23	991.70	-1,596.23	1.21	MWD	WEATHERFORD			
8/5/2015	9,140.00	90.77	270.69	7,502.54	1,691.20	993.18	-1,691.20	0.61	MWD	WEATHERFORD			
8/5/2015	9,234.00	90.84	270.48	7,501.22	1,785.19	994.14	-1,785.19	0.24	MWD	WEATHERFORD			
8/5/2015	9,328.00	90.70	270.06	7,499.98	1,879.18	994.58	-1,879.18	0.47	MWD	WEATHERFORD			
8/5/2015	9,422.00	90.49	270.89	7,498.98	1,973.17	995.36	-1,973.17	0.91	MWD	WEATHERFORD			
8/5/2015	9,516.00	90.63	270.95	7,498.06	2,067.15	996.87	-2,067.15	0.16	MWD	WEATHERFORD			
8/5/2015	9,610.00	90.56	271.00	7,497.09	2,161.14	998.47	-2,161.14	0.09	MWD	WEATHERFORD			
8/5/2015	9,705.00	91.96	271.11	7,495.00	2,256.09	1,000.22	-2,256.09	1.48	MWD	WEATHERFORD			
8/5/2015	9,799.00	92.24	270.80	7,491.55	2,350.02	1,001.78	-2,350.02	0.44	MWD	WEATHERFORD			
8/5/2015	9,893.00	92.45	270.47	7,487.71	2,443.93	1,002.82	-2,443.93	0.42	MWD	WEATHERFORD			
8/12/2015	9,987.00	93.01	270.45	7,483.23	2,537.82	1,003.58	-2,537.82	0.60	MWD	WEATHERFORD			
8/12/2015	10,081.00	91.82	270.70	7,479.27	2,631.73	1,004.52	-2,631.73	1.29	MWD	WEATHERFORD			
8/12/2015	10,175.00	91.61	270.15	7,476.45	2,725.69	1,005.22	-2,725.69	0.63	MWD	WEATHERFORD			
8/12/2015	10,269.00	91.33	270.17	7,474.04	2,819.66	1,005.48	-2,819.66	0.30	MWD	WEATHERFORD			
8/12/2015	10,363.00	92.38	269.86	7,471.00	2,913.61	1,005.50	-2,913.61	1.16	MWD	WEATHERFORD			
8/12/2015	10,458.00	92.03	269.71	7,467.34	3,008.53	1,005.15	-3,008.53	0.40	MWD	WEATHERFORD			
8/12/2015	10,552.00	92.17	269.96	7,463.90	3,102.47	1,004.88	-3,102.47	0.30	MWD	WEATHERFORD			
8/12/2015	10,646.00	91.26	270.20	7,461.09	3,196.43	1,005.01	-3,196.43	1.00	MWD	WEATHERFORD			



Directional Survey

Well Name: CERF 10 STATE 9H

Sub-Division	Region	Field Name	County	State/Province		
DELAWARE BASIN WEST	SLOPE WEST	BURTON FLAT	EDDY	NM		
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Orig KB Elevation (ft)	Ground Elev MSL (ft)	KB - GL (ft)
SEC 10 T21S R27E	30015427101	32° 29' 26.372" N	104° 10' 5.238" W	3,309.10	3,284.10	25.00

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS (°/100ft)	Survey Tool	Survey Company
8/12/2015	10,741.00	90.28	270.48	7,459.81	3,291.42	1,005.57	-3,291.42	1.07	MWD	WEATHERFORD
8/12/2015	10,835.00	89.51	271.13	7,459.98	3,385.41	1,006.89	-3,385.41	1.07	MWD	WEATHERFORD
8/12/2015	10,930.00	89.16	270.67	7,461.09	3,480.39	1,008.38	-3,480.39	0.61	MWD	WEATHERFORD
8/12/2015	11,024.00	89.16	270.34	7,462.46	3,574.37	1,009.21	-3,574.37	0.35	MWD	WEATHERFORD
8/12/2015	11,118.00	88.81	270.55	7,464.13	3,668.36	1,009.94	-3,668.36	0.43	MWD	WEATHERFORD
8/12/2015	11,212.00	88.95	271.31	7,465.97	3,762.32	1,011.47	-3,762.32	0.82	MWD	WEATHERFORD
8/12/2015	11,306.00	88.39	271.69	7,468.15	3,856.27	1,013.93	-3,856.27	0.72	MWD	WEATHERFORD
8/12/2015	11,400.00	89.58	271.94	7,469.81	3,950.20	1,016.91	-3,950.20	1.29	MWD	WEATHERFORD
8/12/2015	11,494.00	89.79	270.13	7,470.33	4,044.18	1,018.60	-4,044.18	1.94	MWD	WEATHERFORD
8/13/2015	11,588.00	89.72	269.65	7,470.73	4,138.18	1,018.42	-4,138.18	0.52	MWD	WEATHERFORD
8/13/2015	11,682.00	89.30	269.59	7,471.54	4,232.18	1,017.80	-4,232.18	0.45	MWD	WEATHERFORD
8/13/2015	11,776.00	89.72	269.48	7,472.34	4,326.17	1,017.04	-4,326.17	0.46	MWD	WEATHERFORD
8/13/2015	11,871.00	89.65	268.68	7,472.86	4,421.15	1,015.51	-4,421.15	0.85	MWD	WEATHERFORD
8/13/2015	11,965.00	89.23	269.12	7,473.78	4,515.13	1,013.71	-4,515.13	0.65	MWD	WEATHERFORD
8/13/2015	12,059.00	89.23	269.31	7,475.04	4,609.11	1,012.42	-4,609.11	0.20	MWD	WEATHERFORD
8/13/2015	12,153.00	89.09	269.22	7,476.42	4,703.10	1,011.21	-4,703.10	0.18	MWD	WEATHERFORD
8/13/2015	12,247.00	89.23	269.13	7,477.80	4,797.08	1,009.86	-4,797.08	0.18	MWD	WEATHERFORD
8/13/2015	12,342.00	90.00	268.45	7,478.44	4,892.05	1,007.85	-4,892.05	1.08	MWD	WEATHERFORD
8/13/2015	12,436.00	90.07	268.42	7,478.38	4,986.02	1,005.29	-4,986.02	0.08	MWD	WEATHERFORD
8/13/2015	12,526.00	90.21	268.49	7,478.16	5,075.98	1,002.86	-5,075.98	0.17	MWD	WEATHERFORD