

Results of Directional Survey

API number:	30-025-41829		
OGRID:		Operator:	DEVON ENERGY PRODUCTION COMPANY, LP
		Property:	LIPPIZZAN 4 FEDERAL # 1H

surface	ULSTR:	D	04	T 25S	R 32E
				200 FNL	660 FWL

BH Loc	ULSTR:	M	04	T 25S	R 32E
15070	MD	10708.1	TVD	329 FSL	681 FWL
				4951 FNL	

5287

Top Perf/OH	ULSTR:	D	04	T 25S	R 32E
10844	MD	10661.4	TVD	254 FNL	885 FWL

Bot Perf/OH	ULSTR:	M	04	T 25S	R 32E
15000	MD	10707.5	TVD	398 FSL	685 FWL
				4882 FNL	

	MD	N/S	E/W	VD
	10813.00	-510.07	226.65	10650.08
TOP PERFS/OH	10844.00	-53.87	225.02	10661.40
	10844.00	-53.87	225.02	10661.40
	14958.00	-4639.56	27.39	10707.06
BOT PERFS/OH	15000.00	-4681.50	25.22	10707.50
	15008.00	-4689.49	24.81	10707.58

NEXT TO LAST	15008.00	-4689.49	24.81	10707.58
LAST READING	15070.00	-4751.38	21.17	10708.08
TD	15070.00	-4751.38	21.17	10708.08

Surface Location	200	FN	660	FW
Projected BHL	4951	FN	681	FW
Location of				
Top Perfs/OH	254	FN	885	FW
Bottom Perfs/OH	4882	FN	685	FW

SUMMARY of Subsurface Locations

Surface Location	D-04-25S-32E	200	FN	660	FW	Vert. Depth
Top Perfs/OH	D-04-25S-32E	254	FN	885	FW	10661.40
Bottom Perfs/OH	M-04-25S-32E	4882	FN	685	FW	10707.50
Projected TD	M-04-25S-32E	4951	FN	681	FW	10708.08

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HOBBSCOD

LIPPIZZAN 4 FED 1H

WEST UNRESTRICTED

devon

Directional Survey

JAN 05 2015

District DELAWARE BASIN	County LEA	Field Name PADUCA	Project Group DELAWARE BASIN REG	State/Province NM			
Surface Legal Location SEC4 T25S R32E	3002541829	Latitude (°) 32° 9' 58.105" N	Longitude (°) 103° 41' 11.444" W	Ground Elev... 3,475.50	KB - GL (ft) 25.00	Orig KB Elev (ft) 3,500.50	Tubing Head Elevation (ft)

Wellbores					
Wellbore Name	Parent Wellbore	SAP Well ID		Kick Off Depth (ftKB)	Vertical Section Direction (°)
OH	OH				
Actual Deviation Survey		Definitive?	Proposed?	Proposed Deviation Survey	

Deviation Survey							
Date	Description						
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
Wellbore Name ST01		Parent Wellbore OH		SAP Well ID			Kick Off Depth (ftKB) 10,125.0		Vertical Section Direction (°)	
Actual Deviation Survey				Definitive?		Proposed?		Proposed Deviation Survey		

Deviation Survey										
Date	Description									
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
Wellbore Name ST02		Parent Wellbore ST01		SAP Well ID			Kick Off Depth (ftKB) 10,127.0		Vertical Section Direction (°) 179.63	
Actual Deviation Survey MWD, Proposed? No				Definitive? Yes		Proposed? No		Proposed Deviation Survey		

Deviation Survey										
Date 6/27/2014	Description 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
6/10/2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MS	EXTREME
5/31/2014	135.00	0.40	115.69	135.00	0.21	-0.20	0.42	0.30	MS	EXTREME
5/31/2014	164.00	0.40	152.82	164.00	0.34	-0.34	0.56	0.88	MS	EXTREME
5/31/2014	233.00	0.40	171.58	233.00	0.80	-0.79	0.71	0.19	MS	EXTREME
5/31/2014	295.00	0.31	175.59	295.00	1.18	-1.17	0.75	0.15	MS	EXTREME
5/31/2014	388.00	0.31	199.40	387.99	1.66	-1.66	0.69	0.14	MS	EXTREME
5/31/2014	476.00	0.22	280.90	475.99	1.86	-1.85	0.44	0.40	MS	EXTREME
5/31/2014	567.00	0.31	263.08	566.99	1.85	-1.85	0.03	0.13	MS	EXTREME
5/31/2014	658.00	0.31	319.68	657.99	1.69	-1.69	-0.38	0.32	MS	EXTREME
5/31/2014	749.00	0.48	311.81	748.99	1.24	-1.25	-0.82	0.20	MS	EXTREME
5/31/2014	767.00	0.31	323.50	766.99	1.15	-1.16	-0.91	1.04	MS	EXTREME
5/31/2014	1,205.00	0.48	332.12	1,204.98	-1.43	1.41	-2.47	0.04	MS	EXTREME
5/31/2014	1,298.00	0.79	332.82	1,297.97	-2.35	2.33	-2.94	0.33	MS	EXTREME
5/31/2014	1,394.00	0.79	343.10	1,393.96	-3.57	3.55	-3.44	0.15	MS	EXTREME
5/31/2014	1,488.00	0.88	359.32	1,487.95	-4.92	4.89	-3.63	0.27	MS	EXTREME
5/31/2014	1,582.00	0.88	354.79	1,581.94	-6.36	6.33	-3.71	0.07	MS	EXTREME
5/31/2014	1,677.00	1.10	8.59	1,676.93	-7.98	7.96	-3.64	0.34	MS	EXTREME
5/31/2014	1,771.00	1.10	1.69	1,770.91	-9.78	9.76	-3.48	0.14	MS	EXTREME
5/31/2014	1,865.00	1.32	11.10	1,864.89	-11.74	11.72	-3.24	0.31	MS	EXTREME
5/31/2014	2,041.00	1.30	14.90	2,040.84	-15.65	15.64	-2.34	0.05	MS	EXTREME
5/31/2014	2,230.00	1.20	19.90	2,229.80	-19.58	19.57	-1.11	0.08	MS	EXTREME
5/31/2014	2,418.00	1.00	14.10	2,417.76	-23.01	23.01	-0.04	0.12	MS	EXTREME
5/31/2014	2,607.00	1.00	25.30	2,606.74	-26.10	26.10	1.06	0.10	MS	EXTREME
5/31/2014	2,795.00	0.80	43.30	2,794.71	-28.52	28.54	2.66	0.18	MS	EXTREME
5/31/2014	2,984.00	0.90	43.80	2,983.69	-30.54	30.57	4.60	0.05	MS	EXTREME
5/31/2014	3,173.00	0.90	58.00	3,172.67	-32.39	32.43	6.88	0.12	MS	EXTREME



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Surface Legal Location SEC4 T25S R32E	API/UWI 3002541829	Latitude (°) 32° 9' 58.105" N	Longitude (°) 103° 41' 11.444" W	Ground Elev... 3,475.50
			KB - GL (ft) 25.00	Orig KB Elev (ft) 3,500.50
				Tubing Head Elevation (ft)

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Survey Tool	Survey Company
5/31/2014	3,362.00	0.80	50.60	3,361.65	-34.00	34.06	9.16	0.08	MS	EXTREME
5/31/2014	3,551.00	1.10	66.40	3,550.62	-35.54	35.62	11.84	0.21	MS	EXTREME
5/31/2014	3,739.00	1.50	55.50	3,738.57	-37.63	37.74	15.52	0.25	MS	EXTREME
5/31/2014	3,928.00	1.20	46.90	3,927.52	-40.37	40.49	19.01	0.19	MS	EXTREME
5/31/2014	4,117.00	1.60	39.10	4,116.46	-43.75	43.89	22.12	0.23	MS	EXTREME
5/31/2014	4,306.00	1.80	54.80	4,305.38	-47.48	47.65	26.21	0.27	MS	EXTREME
5/31/2014	4,495.00	3.00	95.30	4,494.23	-48.68	48.90	33.56	1.06	MS	EXTREME
6/9/2014	4,613.00	2.59	115.51	4,612.09	-47.22	47.47	39.04	0.90	MS	EXTREME
6/9/2014	4,706.00	2.50	116.78	4,705.00	-45.37	45.65	42.75	0.11	MS	EXTREME
6/9/2014	4,799.00	2.81	114.59	4,797.90	-43.49	43.79	46.63	0.35	MS	EXTREME
6/9/2014	4,895.00	2.90	116.61	4,893.78	-41.39	41.72	50.94	0.14	MS	EXTREME
6/9/2014	4,922.00	3.12	118.59	4,920.74	-40.72	41.06	52.20	0.90	MS	EXTREME
6/9/2014	5,082.00	2.68	121.71	5,080.53	-36.63	37.01	59.20	0.29	MS	EXTREME
6/9/2014	5,176.00	3.38	124.91	5,174.40	-33.86	34.27	63.34	0.77	MS	EXTREME
6/9/2014	5,271.00	3.52	126.19	5,269.23	-30.51	30.95	67.99	0.17	MS	EXTREME
6/9/2014	5,365.00	3.38	128.78	5,363.06	-27.04	27.51	72.48	0.22	MS	EXTREME
6/9/2014	5,460.00	3.38	129.70	5,457.89	-23.47	23.96	76.82	0.06	MS	EXTREME
6/9/2014	5,554.00	3.91	130.98	5,551.70	-19.57	20.09	81.37	0.57	MS	EXTREME
6/10/2014	5,649.00	3.52	131.20	5,646.50	-15.49	16.05	86.01	0.41	MS	EXTREME
6/10/2014	5,743.00	3.60	128.30	5,740.32	-11.73	12.32	90.50	0.21	MS	EXTREME
6/10/2014	5,929.00	3.38	122.19	5,925.98	-5.13	5.78	99.72	0.23	MS	EXTREME
6/10/2014	6,117.00	3.38	123.39	6,113.65	0.93	-0.22	109.04	0.04	MS	EXTREME
6/10/2014	6,306.00	2.99	119.90	6,302.36	6.51	-5.75	117.96	0.23	MS	EXTREME
6/10/2014	6,494.00	2.59	121.62	6,490.14	11.23	-10.42	125.83	0.22	MS	EXTREME
6/10/2014	6,682.00	2.59	118.50	6,677.94	15.53	-14.67	133.18	0.07	MS	EXTREME
6/10/2014	6,870.00	2.68	116.08	6,865.75	19.54	-18.63	140.86	0.08	MS	EXTREME
6/10/2014	7,058.00	2.42	132.12	7,053.56	24.18	-23.23	147.75	0.40	MS	EXTREME
6/10/2014	7,248.00	2.11	127.68	7,243.41	29.05	-28.05	153.50	0.19	MS	EXTREME
6/10/2014	7,435.00	2.11	123.82	7,430.29	33.10	-32.08	159.08	0.08	MS	EXTREME
6/10/2014	7,624.00	2.20	125.31	7,619.15	37.17	-36.11	164.93	0.06	MS	EXTREME
6/10/2014	7,822.00	2.29	133.09	7,817.00	42.11	-41.01	170.92	0.16	MS	EXTREME
6/10/2014	8,009.00	2.59	134.89	8,003.83	47.68	-46.54	176.65	0.17	MS	EXTREME
6/10/2014	8,101.00	2.59	139.59	8,095.74	50.75	-49.59	179.47	0.23	MS	EXTREME
6/10/2014	8,196.00	2.42	141.22	8,190.65	53.96	-52.79	182.11	0.19	MS	EXTREME
6/10/2014	8,290.00	2.42	140.51	8,284.56	57.06	-55.87	184.62	0.03	MS	EXTREME
6/10/2014	8,385.00	2.42	143.02	8,379.48	60.22	-59.02	187.10	0.11	MS	EXTREME
6/10/2014	8,479.00	2.42	147.41	8,473.39	63.50	-62.28	189.36	0.20	MS	EXTREME
6/10/2014	8,573.00	2.42	143.11	8,567.31	66.77	-65.53	191.62	0.19	MS	EXTREME
6/10/2014	8,669.00	2.02	144.29	8,663.24	69.78	-68.53	193.83	0.42	MS	EXTREME
6/10/2014	8,763.00	1.58	148.60	8,757.19	72.24	-70.98	195.47	0.49	MS	EXTREME
6/10/2014	8,858.00	1.71	138.80	8,852.15	74.44	-73.17	197.09	0.33	MS	EXTREME
6/10/2014	8,952.00	2.11	142.58	8,946.10	76.88	-75.59	199.06	0.45	MS	EXTREME
6/10/2014	9,046.00	2.29	139.11	9,040.03	79.69	-78.39	201.34	0.24	MS	EXTREME
6/10/2014	9,327.00	4.39	141.48	9,320.54	92.41	-91.05	211.72	0.75	MS	EXTREME
6/10/2014	9,422.00	4.70	142.01	9,415.24	98.36	-96.96	216.38	0.33	MS	EXTREME
6/10/2014	9,516.00	3.60	143.20	9,508.99	103.78	-102.36	220.51	1.17	MS	EXTREME
6/10/2014	9,611.00	3.21	150.09	9,603.82	108.49	-107.05	223.63	0.59	MS	EXTREME
6/10/2014	9,706.00	2.90	149.30	9,698.69	112.88	-111.42	226.18	0.33	MS	EXTREME
6/10/2014	9,799.00	2.99	153.00	9,791.57	117.08	-115.61	228.48	0.23	MS	EXTREME
6/10/2014	9,893.00	2.20	158.01	9,885.47	120.95	-119.47	230.27	0.87	MS	EXTREME
6/10/2014	10,082.00	2.42	137.70	10,074.32	127.29	-125.78	234.32	0.45	MS	EXTREME
6/10/2014	10,152.00	7.03	163.55	10,144.07	132.51	-130.99	236.52	7.09	MWD	SPERRY
6/10/2014	10,184.00	11.56	171.85	10,175.64	137.57	-136.04	237.53	14.73	MWD	SPERRY
6/10/2014	10,215.00	14.83	169.84	10,205.82	144.56	-143.02	238.67	10.65	MWD	SPERRY
6/10/2014	10,247.00	17.14	174.09	10,236.58	153.29	-151.75	239.88	8.09	MWD	SPERRY



Directional Survey

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				Tubing Head Elevation (ft)

Survey Data

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6/10/2014	10,278.00	19.81	178.83	10,265.98	163.09	-161.54	240.46	9.88	MWD	SPERRY
6/10/2014	10,309.00	21.67	179.80	10,294.97	174.07	-172.52	240.59	6.10	MWD	SPERRY
6/28/2014	10,341.00	23.81	179.79	10,324.48	186.44	-184.89	240.63	6.69	MWD	SPERRY
6/28/2014	10,372.00	26.34	180.46	10,352.56	199.57	-198.02	240.60	8.21	MWD	SPERRY
6/28/2014	10,404.00	30.06	180.30	10,380.76	214.69	-213.14	240.50	11.63	MWD	SPERRY
6/28/2014	10,435.00	32.87	181.56	10,407.20	230.87	-229.32	240.23	9.31	MWD	SPERRY
6/28/2014	10,467.00	34.53	181.04	10,433.82	248.61	-247.07	239.83	5.27	MWD	SPERRY
6/28/2014	10,498.00	37.00	181.42	10,458.97	266.72	-265.18	239.44	8.00	MWD	SPERRY
6/29/2014	10,530.00	39.35	180.85	10,484.12	286.49	-284.96	239.05	7.43	MWD	SPERRY
6/29/2014	10,561.00	42.19	182.22	10,507.60	306.72	-305.19	238.50	9.60	MWD	SPERRY
6/29/2014	10,593.00	44.82	182.06	10,530.81	328.73	-327.20	237.68	8.23	MWD	SPERRY
6/29/2014	10,624.00	48.49	182.64	10,552.08	351.24	-349.72	236.75	11.92	MWD	SPERRY
6/29/2014	10,655.00	52.56	183.80	10,571.79	375.12	-373.61	235.40	13.44	MWD	SPERRY
6/29/2014	10,687.00	55.89	185.09	10,590.49	400.98	-399.49	233.38	10.91	MWD	SPERRY
6/29/2014	10,718.00	58.86	182.98	10,607.20	427.01	-425.53	231.55	11.16	MWD	SPERRY
6/29/2014	10,750.00	61.97	183.93	10,623.00	454.77	-453.30	229.87	10.06	MWD	SPERRY
6/29/2014	10,781.00	64.47	182.80	10,636.97	482.39	-480.92	228.25	8.70	MWD	SPERRY
6/29/2014	10,813.00	67.15	183.47	10,650.08	511.52	-510.07	226.65	8.59	MWD	SPERRY
6/29/2014	10,844.00	69.99	183.04	10,661.40	540.32	-538.87	225.02	9.25	MWD	SPERRY
6/29/2014	10,876.00	72.73	182.45	10,671.63	570.59	-569.16	223.57	8.74	MWD	SPERRY
6/29/2014	10,907.00	75.96	182.41	10,680.00	600.40	-598.98	222.30	10.42	MWD	SPERRY
6/29/2014	10,938.00	79.41	182.81	10,686.61	630.64	-629.23	220.92	11.20	MWD	SPERRY
6/29/2014	10,963.00	81.28	182.67	10,690.80	655.25	-653.84	219.74	7.50	MWD	SPERRY
6/29/2014	10,995.00	83.67	182.53	10,694.99	686.93	-685.53	218.30	7.48	MWD	SPERRY
6/29/2014	11,026.00	85.33	181.86	10,697.96	717.75	-716.37	217.12	5.77	MWD	SPERRY
6/29/2014	11,058.00	87.07	181.43	10,700.08	749.66	-748.28	216.21	5.60	MWD	SPERRY
6/29/2014	11,089.00	88.95	181.13	10,701.16	780.63	-779.25	215.51	6.14	MWD	SPERRY
6/29/2014	11,120.00	90.68	181.00	10,701.26	811.62	-810.25	214.94	5.60	MWD	SPERRY
6/29/2014	11,183.00	91.85	181.01	10,699.87	874.58	-873.22	213.83	1.86	MWD	SPERRY
7/2/2014	11,278.00	90.80	181.32	10,697.67	969.52	-968.17	211.90	1.15	MWD	SPERRY
7/2/2014	11,372.00	92.07	181.48	10,695.32	1,063.45	-1,062.12	209.61	1.36	MWD	SPERRY
7/2/2014	11,467.00	90.96	181.91	10,692.80	1,158.35	-1,157.04	206.80	1.25	MWD	SPERRY
7/2/2014	11,561.00	91.85	182.01	10,690.50	1,252.24	-1,250.95	203.58	0.95	MWD	SPERRY
7/2/2014	11,656.00	90.25	182.04	10,688.76	1,347.14	-1,345.88	200.23	1.68	MWD	SPERRY
7/2/2014	11,750.00	91.05	182.34	10,687.69	1,441.04	-1,439.80	196.64	0.91	MWD	SPERRY
7/2/2014	11,845.00	91.73	181.97	10,685.39	1,535.92	-1,534.70	193.06	0.81	MWD	SPERRY
7/2/2014	11,939.00	92.53	181.84	10,681.89	1,629.78	-1,628.59	189.94	0.86	MWD	SPERRY
7/2/2014	12,033.00	94.11	182.14	10,676.45	1,723.54	-1,722.37	186.68	1.71	MWD	SPERRY
7/2/2014	12,127.00	92.47	182.87	10,671.06	1,817.26	-1,816.12	182.58	1.91	MWD	SPERRY
7/2/2014	12,222.00	92.56	183.34	10,666.89	1,912.00	-1,910.89	177.44	0.50	MWD	SPERRY
7/2/2014	12,316.00	91.79	184.02	10,663.32	2,005.69	-2,004.63	171.41	1.09	MWD	SPERRY
7/3/2014	12,411.00	91.88	183.45	10,660.28	2,100.40	-2,099.38	165.23	0.61	MWD	SPERRY
7/3/2014	12,505.00	96.55	184.59	10,653.37	2,193.84	-2,192.86	158.66	5.11	MWD	SPERRY
7/3/2014	12,599.00	94.82	183.54	10,644.06	2,287.10	-2,286.16	152.03	2.15	MWD	SPERRY
7/3/2014	12,694.00	92.83	183.86	10,637.72	2,381.64	-2,380.75	145.91	2.12	MWD	SPERRY
7/3/2014	12,788.00	90.93	184.10	10,634.64	2,475.32	-2,474.47	139.39	2.04	MWD	SPERRY
7/3/2014	12,882.00	88.86	184.88	10,634.81	2,568.97	-2,568.17	132.03	2.35	MWD	SPERRY
7/3/2014	12,977.00	88.37	184.62	10,637.11	2,663.56	-2,662.82	124.17	0.58	MWD	SPERRY
7/3/2014	13,071.00	87.10	184.41	10,640.82	2,757.15	-2,756.45	116.78	1.37	MWD	SPERRY
7/3/2014	13,166.00	87.68	184.58	10,645.15	2,851.71	-2,851.06	109.34	0.64	MWD	SPERRY
7/5/2014	13,260.00	86.52	184.21	10,649.90	2,945.26	-2,944.66	102.14	1.30	MWD	SPERRY
7/5/2014	13,355.00	86.68	184.90	10,655.54	3,039.74	-3,039.19	94.61	0.74	MWD	SPERRY
7/5/2014	13,449.00	85.83	183.49	10,661.68	3,133.24	-3,132.74	87.75	1.75	MWD	SPERRY
7/5/2014	13,544.00	86.15	182.14	10,668.32	3,227.86	-3,227.39	83.10	1.46	MWD	SPERRY
7/5/2014	13,638.00	86.52	181.73	10,674.33	3,321.59	-3,321.14	79.93	0.59	MWD	SPERRY



Directional Survey

District DELAWARE BASIN	County LEA	Field Name PADUCA	Project Group DELAWARE BASIN REG	State/Province NM			
Surface Legal Location SEC4 T25S R32E	API/UWI 3002541829	Latitude (°) 32° 9' 58.105" N	Longitude (°) 103° 41' 11.444" W	Ground Elev... 3,475.50	KB - GL (ft) 25.00	Ong KB Elev (ft) 3,500.50	Tubing Head Elevation (ft)

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (*/100ft)	Survey Tool	Survey Company
7/5/2014	13,732.00	87.62	181.44	10,679.13	3,415.41	-3,414.98	77.33	1.21	MWD	SPERRY
7/5/2014	13,826.00	87.93	181.35	10,682.78	3,509.30	-3,508.88	75.05	0.34	MWD	SPERRY
7/5/2014	13,921.00	88.43	181.88	10,685.80	3,604.19	-3,603.80	72.37	0.77	MWD	SPERRY
7/5/2014	14,015.00	88.43	181.53	10,688.38	3,698.09	-3,697.72	69.57	0.37	MWD	SPERRY
7/5/2014	14,109.00	88.86	182.14	10,690.60	3,792.00	-3,791.65	66.57	0.79	MWD	SPERRY
7/5/2014	14,204.00	89.85	182.99	10,691.67	3,886.86	-3,886.54	62.31	1.37	MWD	SPERRY
7/5/2014	14,298.00	88.20	182.28	10,693.27	3,980.72	-3,980.43	57.99	1.91	MWD	SPERRY
7/5/2014	14,392.00	88.65	182.78	10,695.85	4,074.56	-4,074.30	53.85	0.72	MWD	SPERRY
7/5/2014	14,487.00	89.26	183.30	10,697.58	4,169.38	-4,169.15	48.81	0.84	MWD	SPERRY
7/5/2014	14,581.00	88.71	182.37	10,699.25	4,263.21	-4,263.02	44.16	1.15	MWD	SPERRY
7/5/2014	14,676.00	88.77	182.45	10,701.34	4,358.08	-4,357.91	40.17	0.11	MWD	SPERRY
7/5/2014	14,770.00	88.39	182.39	10,703.67	4,451.94	-4,451.80	36.20	0.41	MWD	SPERRY
7/5/2014	14,864.00	89.11	182.89	10,705.72	4,545.79	-4,545.67	31.87	0.93	MWD	SPERRY
7/5/2014	14,958.00	89.26	182.57	10,707.06	4,639.64	-4,639.56	27.39	0.38	MWD	SPERRY
7/5/2014	15,008.00	89.54	183.36	10,707.58	4,689.55	-4,689.49	24.81	1.68	MWD	SPERRY
7/5/2014	15,070.00	89.54	183.36	10,708.08	4,751.42	-4,751.38	21.17	0.00	MWD	SPERRY