

Results of Directional Survey

API number:	30-025-40044		
OGRID:		Operator:	DEVON ENERGY PRODUCTION COMPANY, LP
		Property:	TRIONYX 6 FEDERAL # 4H

surface	ULSTR:	N	06	T	25S	R	32E
				200	FSL	2370	FWL

BH Loc	ULSTR:	C	06	T	25S	R	32E
13055	MD	8200.5	TVD	335	FNL	2161	FWL
				4945	FSL		

Top Perf/OH	ULSTR:	N	06	T	25S	R	32E
8511	MD	8205.9	TVD	408	FSL	2354	FWL

Bot Perf/OH	ULSTR:	C	06	T	25S	R	32E
12986	MD	8201.1	TVD	389	FNL	2170	FWL
				4891	FSL		

	MD	N/S	E/W	VD
	8486	183.51	-77.43	8205.92
TOP PERFS/OH	8511	208.49	-16.07	8205.88
	8550	247.47	79.66	8205.81
	12193	4604.87	-184.03	8200.89
BOT PERFS/OH	12986	4690.65	-199.85	8201.12
	13002	4692.38	-200.17	8201.12

NEXT TO LAST	13002	4692.38	-200.17	8201.12
LAST READING	13055	4744.59	-209.28	8200.47
TD	13055	4744.59	-209.28	8200.47

Surface Location	200	FS	2370	FWL
Projected BHL	4945	FS	2161	FWL
Location of				
Top Perfs/OH	408	FS	2354	FWL
Bottom Perfs/OH	4891	FS	2170	FWL

SUMMARY of Subsurface Locations

Surface Location	N-06-25S-32E	200	FS	2370	FWL	Vert. Depth
Top Perfs/OH	N-06-25S-32E	408	FS	2354	FWL	8205.88
Bottom Perfs/OH	C-06-25S-32E	4891	FS	2170	FWL	8201.12
Projected TD	C-06-25S-32E	4945	FS	2161	FWL	8200.47

AUG 11 2014

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District DELAWARE BASIN	County LEA	Field Name PADUCA	Project Group DELAWARE BASIN REG			State/Province NM	
Surface Legal Location SEC 6 T25S R32E	API/UWI 3002540044	Latitude (°) 32° 9' 9.461" N	Longitude (°) 103° 42' 55.152" W	Ground Elev... 3,446.60	KB - GL (ft) 28.00	Orig KB Elev (ft) 3,474.60	Tubing Head Elevation (ft)

Wellbores					
Wellbore Name OH	Parent Wellbore	SAP Well ID 34369		Kick Off Depth (ftKB)	Vertical Section Direction (°)
Actual Deviation Survey GYRO/MWD, Proposed? No		Definitive? Yes	Proposed? No	Proposed Deviation Survey	

Deviation Survey							
Date 1/8/2014	Description GYRO/MWD						
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWTie 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
1/8/2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	GYRO	VAUHG ENERGY SERVICES
1/8/2014	122.88	0.74	14.17	122.88	0.76	0.77	0.19	0.60	GYRO	VAUHG ENERGY SERVICES
1/8/2014	217.73	0.45	19.52	217.72	1.69	1.71	0.47	0.31	GYRO	VAUHG ENERGY SERVICES
1/8/2014	312.58	0.26	317.35	312.57	2.20	2.22	0.45	0.42	GYRO	VAUHG ENERGY SERVICES
1/8/2014	407.43	0.42	255.47	407.42	2.29	2.29	-0.04	0.40	GYRO	VAUHG ENERGY SERVICES
1/8/2014	502.28	0.82	221.49	502.26	1.73	1.70	-0.82	0.56	GYRO	VAUHG ENERGY SERVICES
1/8/2014	597.13	0.96	217.90	597.10	0.64	0.56	-1.76	0.16	GYRO	VAUHG ENERGY SERVICES
1/8/2014	691.98	1.23	210.22	691.93	-0.82	-0.94	-2.76	0.32	GYRO	VAUHG ENERGY SERVICES
1/8/2014	786.83	1.09	206.78	786.76	-2.46	-2.63	-3.68	0.16	GYRO	VAUHG ENERGY SERVICES
1/8/2014	881.68	1.61	203.35	881.59	-4.45	-4.66	-4.61	0.55	GYRO	VAUHG ENERGY SERVICES
1/8/2014	976.53	1.76	200.94	976.40	-6.98	-7.24	-5.66	0.17	GYRO	VAUHG ENERGY SERVICES
1/8/2014	1,071.38	1.44	196.92	1,071.21	-9.44	-9.74	-6.53	0.36	GYRO	VAUHG ENERGY SERVICES
1/8/2014	1,166.23	1.31	192.23	1,166.03	-11.62	-11.94	-7.11	0.18	GYRO	VAUHG ENERGY SERVICES
1/8/2014	1,261.08	0.94	180.26	1,260.86	-13.44	-13.78	-7.34	0.46	GYRO	VAUHG ENERGY SERVICES
1/8/2014	1,355.93	0.64	168.82	1,355.71	-14.74	-15.08	-7.24	0.36	GYRO	VAUHG ENERGY SERVICES
1/8/2014	1,450.78	0.88	142.52	1,450.55	-15.86	-16.17	-6.69	0.44	GYRO	VAUHG ENERGY SERVICES
1/8/2014	1,545.63	0.40	166.36	1,545.39	-16.79	-17.07	-6.17	0.57	GYRO	VAUHG ENERGY SERVICES
1/8/2014	1,640.48	0.36	176.45	1,640.24	-17.41	-17.69	-6.08	0.08	GYRO	VAUHG ENERGY SERVICES
1/8/2014	1,735.33	0.10	126.19	1,735.09	-17.76	-18.04	-5.99	0.32	GYRO	VAUHG ENERGY SERVICES
1/8/2014	1,830.18	0.12	56.27	1,829.94	-17.76	-18.03	-5.84	0.13	GYRO	VAUHG ENERGY SERVICES
1/8/2014	1,925.03	0.35	36.22	1,924.79	-17.48	-17.74	-5.59	0.25	GYRO	VAUHG ENERGY SERVICES
1/8/2014	2,019.88	0.40	4.31	2,019.64	-16.93	-17.18	-5.39	0.22	GYRO	VAUHG ENERGY SERVICES
1/8/2014	2,114.73	0.50	21.31	2,114.48	-16.22	-16.46	-5.22	0.17	GYRO	VAUHG ENERGY SERVICES
1/8/2014	2,209.58	0.64	31.44	2,209.33	-15.40	-15.63	-4.79	0.18	GYRO	VAUHG ENERGY SERVICES
1/8/2014	2,304.43	0.68	14.84	2,304.17	-14.42	-14.63	-4.37	0.21	GYRO	VAUHG ENERGY SERVICES
1/8/2014	2,399.28	0.96	5.45	2,399.01	-13.10	-13.30	-4.15	0.33	GYRO	VAUHG ENERGY SERVICES
1/8/2014	2,494.13	1.04	6.10	2,493.85	-11.46	-11.65	-3.98	0.09	GYRO	VAUHG ENERGY SERVICES
1/8/2014	2,588.98	1.30	4.70	2,588.68	-9.54	-9.72	-3.80	0.28	GYRO	VAUHG ENERGY SERVICES
1/8/2014	2,683.83	1.67	6.25	2,683.50	-7.11	-7.27	-3.56	0.39	GYRO	VAUHG ENERGY SERVICES
1/8/2014	2,778.68	2.25	3.82	2,778.29	-3.89	-4.04	-3.29	0.62	GYRO	VAUHG ENERGY SERVICES
1/8/2014	2,873.53	2.66	353.53	2,873.05	0.15	0.00	-3.41	0.63	GYRO	VAUHG ENERGY SERVICES
1/8/2014	2,968.38	2.70	345.78	2,967.80	4.54	4.35	-4.21	0.38	GYRO	VAUHG ENERGY SERVICES
1/8/2014	3,063.23	2.66	344.79	3,062.55	8.87	8.64	-5.34	0.06	GYRO	VAUHG ENERGY SERVICES
1/8/2014	3,158.08	2.61	340.88	3,157.30	13.09	12.81	-6.62	0.20	GYRO	VAUHG ENERGY SERVICES
1/8/2014	3,252.93	2.90	336.57	3,252.04	17.40	17.05	-8.28	0.38	GYRO	VAUHG ENERGY SERVICES
1/8/2014	3,347.78	3.29	340.87	3,346.75	22.25	21.82	-10.13	0.48	GYRO	VAUHG ENERGY SERVICES
1/8/2014	3,442.63	3.42	343.61	3,441.43	27.60	27.11	-11.82	0.22	GYRO	VAUHG ENERGY SERVICES
1/8/2014	3,537.48	3.03	346.73	3,536.13	32.81	32.26	-13.19	0.45	GYRO	VAUHG ENERGY SERVICES
1/8/2014	3,632.33	2.84	351.95	3,630.86	37.61	37.03	-14.10	0.35	GYRO	VAUHG ENERGY SERVICES
1/8/2014	3,727.18	2.20	358.81	3,725.62	41.77	41.18	-14.46	0.74	GYRO	VAUHG ENERGY SERVICES
1/8/2014	3,822.03	1.29	12.97	3,820.42	44.62	44.04	-14.26	1.05	GYRO	VAUHG ENERGY SERVICES
1/8/2014	3,916.88	1.38	23.96	3,915.25	46.67	46.12	-13.56	0.29	GYRO	VAUHG ENERGY SERVICES
1/8/2014	4,011.73	1.56	69.74	4,010.07	48.09	47.61	-11.88	1.22	GYRO	VAUHG ENERGY SERVICES
1/8/2014	4,106.58	3.14	118.15	4,104.85	47.16	46.83	-8.38	2.54	GYRO	VAUHG ENERGY SERVICES
1/8/2014	4,201.43	4.45	127.73	4,199.49	43.45	43.36	-3.18	1.53	GYRO	VAUHG ENERGY SERVICES
1/8/2014	4,296.28	3.57	134.83	4,294.10	38.90	39.02	1.82	1.06	GYRO	VAUHG ENERGY SERVICES
1/10/2014	4,492.00	2.20	136.90	4,489.57	31.57	31.98	8.71	0.70	MWD	LEAM DRILLING SYSTEMS



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				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
1/10/2014	4,564.00	2.00	162.50	4,561.52	29.30	29.78	10.03	1.32	MWD	LEAM DRILLING SYSTEMS
1/10/2014	4,659.00	4.40	196.60	4,656.38	24.26	24.70	9.49	3.12	MWD	LEAM DRILLING SYSTEMS
1/10/2014	4,754.00	6.90	200.80	4,750.91	15.57	15.87	6.42	2.67	MWD	LEAM DRILLING SYSTEMS
1/10/2014	4,848.00	8.10	200.10	4,844.10	4.28	4.37	2.14	1.28	MWD	LEAM DRILLING SYSTEMS
1/11/2014	4,943.00	8.30	200.00	4,938.13	-8.24	-8.35	-2.50	0.21	MWD	LEAM DRILLING SYSTEMS
1/11/2014	5,038.00	7.50	204.00	5,032.23	-20.12	-20.46	-7.37	1.02	MWD	LEAM DRILLING SYSTEMS
1/11/2014	5,133.00	7.10	195.00	5,126.46	-31.26	-31.80	-11.41	1.27	MWD	LEAM DRILLING SYSTEMS
1/11/2014	5,228.00	7.10	195.20	5,220.73	-42.45	-43.13	-14.47	0.03	MWD	LEAM DRILLING SYSTEMS
1/11/2014	5,322.00	7.30	193.50	5,313.99	-53.73	-54.55	-17.39	0.31	MWD	LEAM DRILLING SYSTEMS
1/11/2014	5,417.00	7.50	194.70	5,408.20	-65.45	-66.41	-20.37	0.27	MWD	LEAM DRILLING SYSTEMS
1/11/2014	5,512.00	7.70	193.50	5,502.37	-77.49	-78.60	-23.43	0.27	MWD	LEAM DRILLING SYSTEMS
1/11/2014	5,607.00	7.80	192.90	5,596.50	-89.82	-91.07	-26.35	0.14	MWD	LEAM DRILLING SYSTEMS
1/11/2014	5,702.00	8.00	192.80	5,690.60	-102.41	-103.80	-29.26	0.21	MWD	LEAM DRILLING SYSTEMS
1/11/2014	5,798.00	8.40	192.60	5,785.62	-115.62	-117.16	-32.27	0.42	MWD	LEAM DRILLING SYSTEMS
1/11/2014	5,893.00	8.00	194.50	5,879.64	-128.64	-130.33	-35.44	0.51	MWD	LEAM DRILLING SYSTEMS
1/11/2014	5,988.00	7.00	192.10	5,973.83	-140.56	-142.39	-38.30	1.10	MWD	LEAM DRILLING SYSTEMS
1/11/2014	6,082.00	6.90	189.80	6,067.14	-151.62	-153.56	-40.47	0.31	MWD	LEAM DRILLING SYSTEMS
1/11/2014	6,177.00	6.90	188.90	6,161.45	-162.79	-164.82	-42.32	0.11	MWD	LEAM DRILLING SYSTEMS
1/11/2014	6,272.00	7.00	190.30	6,255.75	-174.03	-176.15	-44.24	0.21	MWD	LEAM DRILLING SYSTEMS
1/11/2014	6,367.00	7.20	189.90	6,350.03	-185.49	-187.71	-46.30	0.22	MWD	LEAM DRILLING SYSTEMS
1/11/2014	6,462.00	7.50	189.10	6,444.24	-197.37	-199.70	-48.30	0.33	MWD	LEAM DRILLING SYSTEMS
1/11/2014	6,557.00	7.60	194.00	6,538.42	-209.47	-211.91	-50.80	0.69	MWD	LEAM DRILLING SYSTEMS
1/11/2014	6,652.00	7.70	193.30	6,632.58	-221.62	-224.20	-53.78	0.14	MWD	LEAM DRILLING SYSTEMS
1/12/2014	6,747.00	7.80	193.80	6,726.71	-233.93	-236.66	-56.79	0.13	MWD	LEAM DRILLING SYSTEMS
1/12/2014	6,841.00	7.80	193.10	6,819.84	-246.19	-249.06	-59.75	0.10	MWD	LEAM DRILLING SYSTEMS
1/12/2014	6,936.00	7.90	193.50	6,913.95	-258.67	-261.69	-62.74	0.12	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,031.00	6.20	192.60	7,008.23	-269.90	-273.05	-65.38	1.79	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,125.00	3.90	188.20	7,101.86	-277.94	-281.17	-66.95	2.48	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,220.00	2.00	181.70	7,196.73	-282.77	-286.02	-67.46	2.03	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,315.00	2.00	171.00	7,291.67	-286.07	-289.32	-67.25	0.39	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,410.00	2.10	176.90	7,386.61	-289.46	-292.69	-66.89	0.25	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,505.00	1.90	179.70	7,481.55	-292.77	-296.00	-66.79	0.23	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,600.00	1.60	166.70	7,576.51	-295.65	-298.87	-66.48	0.52	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,631.00	0.40	110.10	7,607.50	-296.12	-299.33	-66.28	4.58	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,663.00	1.80	8.90	7,639.50	-295.67	-298.87	-66.09	5.99	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,694.00	3.80	4.80	7,670.46	-294.17	-297.36	-65.93	6.48	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,726.00	6.40	5.70	7,702.33	-291.35	-294.53	-65.67	8.13	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,757.00	9.20	5.20	7,733.04	-287.19	-290.34	-65.27	9.03	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,789.00	11.50	3.40	7,764.52	-281.48	-284.61	-64.85	7.26	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,820.00	14.20	0.80	7,794.74	-274.61	-277.72	-64.61	8.91	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,852.00	17.10	359.00	7,825.55	-265.98	-269.09	-64.64	9.19	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,884.00	19.70	359.00	7,855.91	-255.89	-259.00	-64.82	8.13	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,916.00	22.20	359.90	7,885.79	-244.45	-247.56	-64.92	7.88	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,947.00	25.00	0.30	7,914.20	-232.06	-235.15	-64.90	9.05	MWD	LEAM DRILLING SYSTEMS
1/12/2014	7,979.00	28.10	359.60	7,942.82	-217.77	-220.84	-64.91	9.74	MWD	LEAM DRILLING SYSTEMS
1/12/2014	8,010.00	31.40	358.90	7,969.73	-202.40	-205.47	-65.12	10.70	MWD	LEAM DRILLING SYSTEMS
1/12/2014	8,042.00	34.90	358.20	7,996.52	-184.90	-187.98	-65.57	11.00	MWD	LEAM DRILLING SYSTEMS
1/12/2014	8,073.00	38.30	357.80	8,021.40	-166.42	-169.51	-66.21	10.99	MWD	LEAM DRILLING SYSTEMS
1/12/2014	8,105.00	41.90	356.90	8,045.87	-145.82	-148.92	-67.17	11.39	MWD	LEAM DRILLING SYSTEMS
1/12/2014	8,137.00	45.50	356.60	8,069.00	-123.71	-126.85	-68.43	11.27	MWD	LEAM DRILLING SYSTEMS
1/13/2014	8,169.00	48.70	356.40	8,090.78	-100.28	-103.46	-69.86	10.01	MWD	LEAM DRILLING SYSTEMS
1/14/2014	8,202.00	52.00	357.30	8,111.84	-74.88	-78.09	-71.25	10.22	MWD	LEAM DRILLING SYSTEMS
1/14/2014	8,234.00	54.70	358.50	8,130.94	-49.21	-52.44	-72.19	8.96	MWD	LEAM DRILLING SYSTEMS
1/14/2014	8,265.00	58.50	359.60	8,148.00	-23.34	-26.57	-72.61	12.61	MWD	LEAM DRILLING SYSTEMS
1/14/2014	8,297.00	63.02	359.70	8,163.63	4.55	1.35	-72.78	14.13	MWD	LEAM DRILLING SYSTEMS



TRIONYX 6 FED 4H

WEST UNRESTRICTED

Directional Survey

District DELAWARE BASIN	County LEA	Field Name PADUCA	Project Group DELAWARE BASIN REG	State/Province NM
Surface Legal Location SEC 6 T25S R32E	API/UWI 3002540044	Latitude (°) 32° 9' 9.461" N	Longitude (°) 103° 42' 55.152" W	Ground Elev... 3,446.60
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Survey Data

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1/15/2014	8,328.00	67.40	359.70	8,176.62	32.67	29.48	-72.93	14.13	MWD	LEAM DRILLING SYSTEMS
1/15/2014	8,359.00	71.70	359.20	8,187.45	61.69	58.52	-73.21	13.95	MWD	LEAM DRILLING SYSTEMS
1/15/2014	8,391.00	76.80	358.30	8,196.13	92.47	89.30	-73.88	16.17	MWD	LEAM DRILLING SYSTEMS
1/15/2014	8,454.00	87.00	357.50	8,205.00	154.76	151.55	-76.17	16.24	MWD	LEAM DRILLING SYSTEMS
1/17/2014	8,486.00	89.70	358.00	8,205.92	186.74	183.51	-77.43	8.58	MWD	LEAM DRILLING SYSTEMS
1/17/2014	8,550.00	90.50	358.00	8,205.81	250.74	247.47	-79.66	1.25	MWD	LEAM DRILLING SYSTEMS
1/17/2014	8,645.00	91.50	358.70	8,204.15	345.71	342.41	-82.40	1.28	MWD	LEAM DRILLING SYSTEMS
1/17/2014	8,740.00	91.10	359.00	8,202.00	440.66	437.37	-84.30	0.53	MWD	LEAM DRILLING SYSTEMS
1/17/2014	8,835.00	90.50	357.60	8,200.67	535.64	532.32	-87.12	1.60	MWD	LEAM DRILLING SYSTEMS
1/17/2014	8,930.00	91.20	357.80	8,199.26	630.63	627.23	-90.93	0.77	MWD	LEAM DRILLING SYSTEMS
1/17/2014	9,025.00	87.90	355.50	8,200.01	725.59	722.04	-96.48	4.23	MWD	LEAM DRILLING SYSTEMS
1/17/2014	9,120.00	88.50	357.30	8,202.99	820.53	816.80	-102.44	2.00	MWD	LEAM DRILLING SYSTEMS
1/17/2014	9,214.00	89.90	358.50	8,204.30	914.51	910.73	-105.89	1.96	MWD	LEAM DRILLING SYSTEMS
1/17/2014	9,309.00	91.40	0.10	8,203.23	1,009.45	1,005.71	-107.05	2.31	MWD	LEAM DRILLING SYSTEMS
1/17/2014	9,404.00	90.40	0.50	8,201.73	1,104.32	1,100.69	-106.55	1.13	MWD	LEAM DRILLING SYSTEMS
1/17/2014	9,499.00	90.30	0.80	8,201.15	1,199.17	1,195.69	-105.47	0.33	MWD	LEAM DRILLING SYSTEMS
1/17/2014	9,593.00	91.10	1.50	8,200.00	1,292.97	1,289.66	-103.59	1.13	MWD	LEAM DRILLING SYSTEMS
1/17/2014	9,688.00	89.50	359.90	8,199.51	1,387.81	1,384.65	-102.43	2.38	MWD	LEAM DRILLING SYSTEMS
1/17/2014	9,783.00	89.30	0.50	8,200.50	1,482.70	1,479.64	-102.09	0.67	MWD	LEAM DRILLING SYSTEMS
1/17/2014	9,878.00	90.60	1.00	8,200.59	1,577.54	1,574.63	-100.85	1.47	MWD	LEAM DRILLING SYSTEMS
1/17/2014	9,973.00	89.30	1.50	8,200.67	1,672.33	1,669.60	-98.78	1.47	MWD	LEAM DRILLING SYSTEMS
1/17/2014	10,068.00	89.90	1.00	8,201.33	1,767.13	1,764.58	-96.71	0.82	MWD	LEAM DRILLING SYSTEMS
1/18/2014	10,163.00	89.90	359.70	8,201.50	1,862.00	1,859.57	-96.13	1.37	MWD	LEAM DRILLING SYSTEMS
1/18/2014	10,258.00	90.30	358.70	8,201.33	1,956.96	1,954.56	-97.45	1.13	MWD	LEAM DRILLING SYSTEMS
1/18/2014	10,352.00	91.10	358.00	8,200.18	2,050.94	2,048.52	-100.16	1.13	MWD	LEAM DRILLING SYSTEMS
1/18/2014	10,448.00	89.70	354.30	8,199.51	2,146.89	2,144.28	-106.60	4.12	MWD	LEAM DRILLING SYSTEMS
1/18/2014	10,543.00	90.40	353.40	8,199.43	2,241.70	2,238.73	-116.78	1.20	MWD	LEAM DRILLING SYSTEMS
1/18/2014	10,638.00	89.90	355.00	8,199.18	2,336.54	2,333.24	-126.38	1.76	MWD	LEAM DRILLING SYSTEMS
1/18/2014	10,732.00	91.30	357.30	8,198.20	2,430.50	2,427.01	-132.69	2.86	MWD	LEAM DRILLING SYSTEMS
1/18/2014	10,828.00	91.50	358.20	8,195.85	2,526.47	2,522.91	-136.46	0.96	MWD	LEAM DRILLING SYSTEMS
1/18/2014	10,923.00	89.40	358.30	8,195.10	2,621.46	2,617.86	-139.36	2.21	MWD	LEAM DRILLING SYSTEMS
1/18/2014	11,018.00	88.80	358.90	8,196.60	2,716.42	2,712.82	-141.68	0.89	MWD	LEAM DRILLING SYSTEMS
1/18/2014	11,112.00	91.00	0.50	8,196.76	2,810.34	2,806.81	-142.17	2.89	MWD	LEAM DRILLING SYSTEMS
1/19/2014	11,207.00	89.80	0.30	8,196.10	2,905.22	2,901.80	-141.51	1.28	MWD	LEAM DRILLING SYSTEMS
1/19/2014	11,303.00	90.70	0.80	8,195.68	3,001.08	2,997.79	-140.59	1.07	MWD	LEAM DRILLING SYSTEMS
1/19/2014	11,397.00	90.30	1.00	8,194.86	3,094.90	3,091.78	-139.11	0.48	MWD	LEAM DRILLING SYSTEMS
1/19/2014	11,491.00	89.90	1.00	8,194.69	3,188.73	3,185.76	-137.47	0.43	MWD	LEAM DRILLING SYSTEMS
1/19/2014	11,587.00	90.70	1.70	8,194.19	3,284.50	3,281.73	-135.21	1.11	MWD	LEAM DRILLING SYSTEMS
1/19/2014	11,681.00	89.70	1.00	8,193.86	3,378.29	3,375.70	-133.00	1.30	MWD	LEAM DRILLING SYSTEMS
1/19/2014	11,776.00	89.60	0.80	8,194.44	3,473.11	3,470.69	-131.50	0.24	MWD	LEAM DRILLING SYSTEMS
1/19/2014	11,870.00	89.40	1.00	8,195.26	3,566.94	3,564.68	-130.03	0.30	MWD	LEAM DRILLING SYSTEMS
1/19/2014	11,965.00	89.40	1.30	8,196.26	3,661.74	3,659.65	-128.12	0.32	MWD	LEAM DRILLING SYSTEMS
1/19/2014	12,060.00	90.70	1.50	8,196.18	3,756.52	3,754.62	-125.80	1.38	MWD	LEAM DRILLING SYSTEMS
1/19/2014	12,155.00	88.90	358.00	8,196.51	3,851.42	3,849.60	-126.21	4.14	MWD	LEAM DRILLING SYSTEMS
1/19/2014	12,250.00	89.80	357.30	8,197.59	3,946.42	3,944.51	-130.11	1.20	MWD	LEAM DRILLING SYSTEMS
1/19/2014	12,344.00	90.30	355.00	8,197.50	4,040.38	4,038.29	-136.42	2.50	MWD	LEAM DRILLING SYSTEMS
1/20/2014	12,439.00	90.40	354.80	8,196.92	4,135.29	4,132.92	-144.86	0.24	MWD	LEAM DRILLING SYSTEMS
1/20/2014	12,534.00	89.20	356.90	8,197.26	4,230.24	4,227.66	-151.74	2.55	MWD	LEAM DRILLING SYSTEMS
1/20/2014	12,628.00	89.10	357.50	8,198.65	4,324.23	4,321.54	-156.33	0.65	MWD	LEAM DRILLING SYSTEMS
1/20/2014	12,723.00	89.60	356.80	8,199.73	4,419.22	4,416.41	-161.05	0.91	MWD	LEAM DRILLING SYSTEMS
1/20/2014	12,818.00	90.00	353.20	8,200.06	4,514.11	4,511.03	-169.33	3.81	MWD	LEAM DRILLING SYSTEMS
1/20/2014	12,913.00	89.00	349.00	8,200.89	4,608.50	4,604.87	-184.03	4.54	MWD	LEAM DRILLING SYSTEMS
1/20/2014	13,002.00	90.70	350.10	8,201.12	4,696.65	4,692.38	-200.17	2.28	MWD	LEAM DRILLING SYSTEMS
1/20/2014	13,055.00	90.70	350.10	8,200.47	4,749.20	4,744.59	-209.28	0.00	BIT	LEAM DRILLING SYSTEMS