

Results of Directional Survey

API number:	30-025-40382		
OGRID:		Operator:	DEVON ENERGY PRODUCTION COMPANY, LP
		Property:	FIGHTING OKRA 18 FEDERAL COM # 1H

surface	ULSTR:	E	18	T	26S	R	34E
				2590	FNL	330	FWL

BH Loc	ULSTR:	D	07	T	26S	R	34E
17225	MD	9809.6	TVD	338	FNL	329	FWL
				4942	FSL		

Top Perf/OH	ULSTR:	E	18	T	26S	R	34E
10041	MD	9835.2	TVD	1299	FNL	420	FWL

Bot Perf/OH	ULSTR:	D	07	T	26S	R	34E
17112	MD	9810.0	TVD	451	FNL	329	FWL
				4829	FSL		

	MD	N/S	E/W	VD
	10019	3332.12	93.06	9830.11
TOP PERFS/OH	10041	1290.73	89.65	9835.23
	10051	362.83	88.10	9837.56
	17048	7354.96	-1.23	9809.96
BOT PERFS/OH	17112	7418.96	-1.03	9809.73
	17142	7448.96	-0.94	9809.62

NEXT TO LAST	17157	7463.96	-0.88	9809.62
LAST READING	17225	7531.95	-0.64	9809.62
TD	17225	7531.95	-0.64	9809.62

Surface Location	2590	FN	330	FW
Projected BHL	4942	FS	329	FW
Location of				
Top Perfs/OH	1299	FN	420	FW
Bottom Perfs/OH	4829	FS	329	FW

SUMMARY of Subsurface Locations

Surface Location	E-18-26S-34E	2590	FN	330	FW	Vert. Depth
Top Perfs/OH	E-18-26S-34E	1299	FN	420	FW	9835.23
Bottom Perfs/OH	D-07-26S-34E	4829	FS	329	FW	9809.73
Projected TD	D-07-26S-34E	4942	FS	329	FW	9809.62

NOV 01 2014



June 2, 2014

Devon Energy Production Co., L. P.
333 West Sheridan Ave
Oklahoma City, Oklahoma 73102-5010

HOBBS OCD

OCT 24 2014

RECEIVED

Attn: David Cook

Re: **Fighting Okra 18 Federal Com No. 001H**

Please find enclosed a copy of the survey from 0.00' to 9,323.46' ran on the above referenced well.

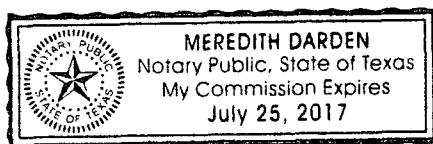
If I can be of any further service please do not hesitate to call me at 800-606-4976.

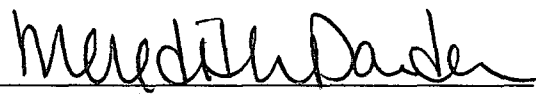
Sincerely,

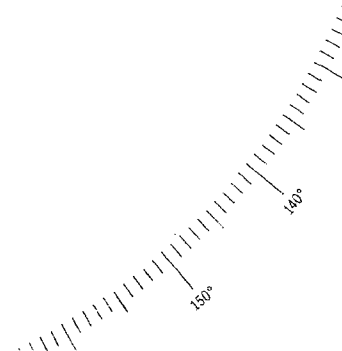

Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 2nd day of June, A.D., 2014, by Keith Havelka.




Meredith Darden
Notary Public, State of Texas





Company: Devon Energy
Lease/Well: Fighting Okra 18 Federal Com/No. 001H
Location: S18 T26S R34E
Rig Name: HP 391
State/County: New Mexico/Lea
Latitude: 32.04, Longitude: -103.52
GRID North is 0.43 Degrees East of True North
VS-Azi: 359.54 Degrees



Depth Reference : R.K.B. = 25 Feet

HOUSOCD

OCT 24 2014

RECEIVED

DRILLOG MS GYRO SURVEY CALCULATIONS

Filename: gyro survey.ut

Minimum Curvature Method

Report Date/Time: 6/2/2014 / 08:54

VES Survey International

Midland, TX

432-563-5444

Surveyor: Andrew Askew

Fighting Okra 18 Federal Com No. 001H / API 30-025-40382

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
118.71	0.33	85.78	118.71	0.03	0.34	0.02	0.34	85.78	0.28
213.31	0.70	102.60	213.31	-0.08	1.17	-0.09	1.18	93.97	0.42
307.91	0.89	93.49	307.90	-0.25	2.47	-0.27	2.49	95.83	0.24
402.51	0.96	84.56	402.48	-0.22	3.99	-0.25	4.00	93.19	0.17
497.11	0.88	94.51	497.07	-0.21	5.51	-0.25	5.51	92.14	0.19
591.71	0.84	96.93	591.66	-0.35	6.92	-0.40	6.93	92.86	0.06
686.31	0.77	97.72	686.25	-0.51	8.23	-0.58	8.25	93.58	0.07
780.91	0.79	87.13	780.84	-0.57	9.52	-0.64	9.54	93.41	0.15
875.51	0.89	90.69	875.43	-0.54	10.91	-0.63	10.93	92.85	0.12
970.11	0.85	94.23	970.02	-0.60	12.35	-0.70	12.37	92.80	0.07
1064.71	0.61	126.81	1064.61	-0.96	13.45	-1.06	13.48	94.06	0.50
1159.31	0.59	115.12	1159.21	-1.46	14.29	-1.58	14.37	95.84	0.13
1253.91	0.84	116.38	1253.80	-1.98	15.36	-2.10	15.48	97.34	0.27
1348.51	0.83	106.05	1348.39	-2.48	16.63	-2.61	16.82	98.46	0.16
1443.11	0.56	180.15	1442.99	-3.13	17.29	-3.27	17.57	100.26	0.91
1537.71	0.63	176.55	1537.58	-4.11	17.32	-4.25	17.80	103.35	0.08
1632.31	0.76	153.73	1632.17	-5.18	17.63	-5.33	18.37	106.39	0.32
1726.91	0.72	168.94	1726.77	-6.33	18.02	-6.47	19.09	109.35	0.21

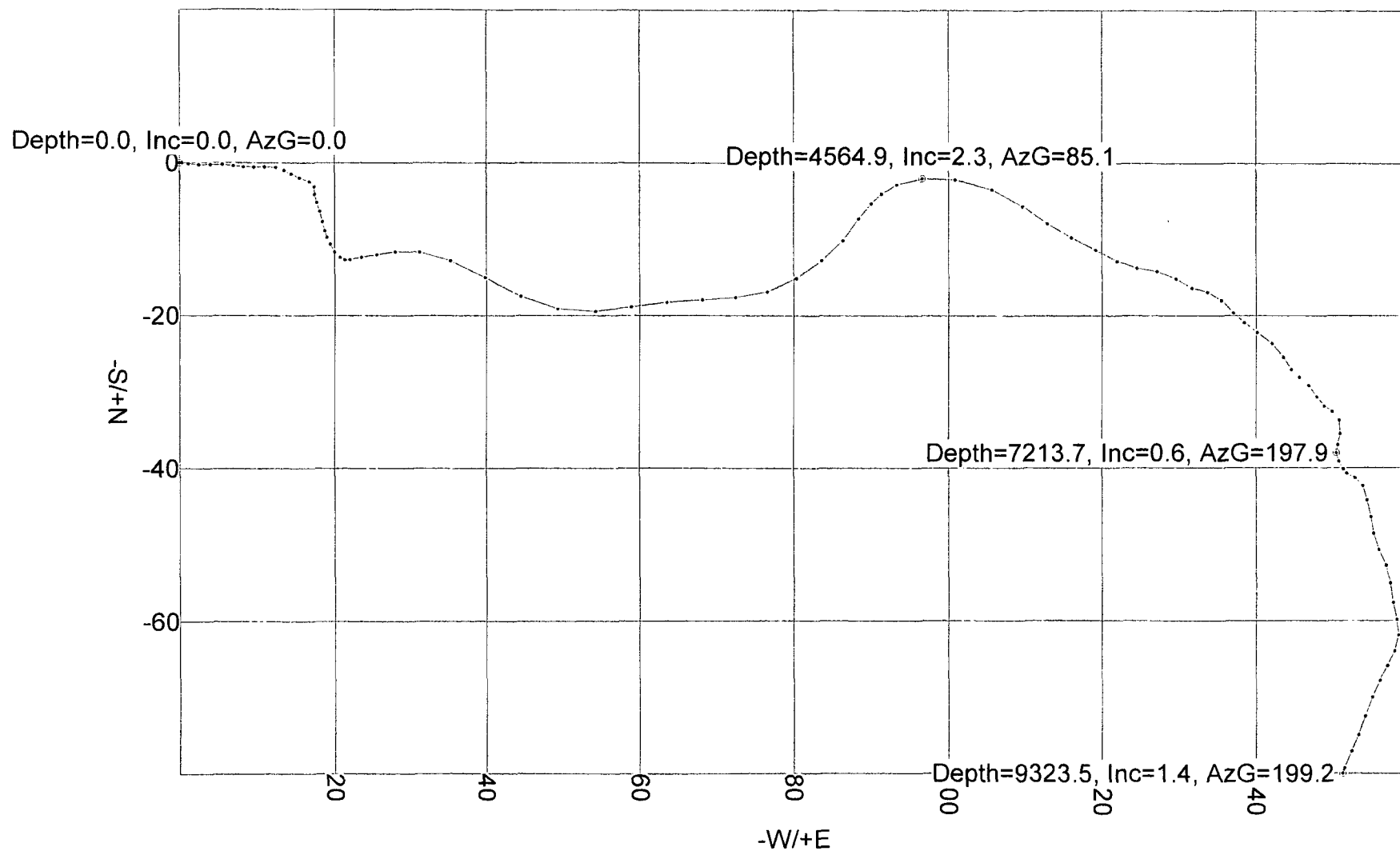
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1821.51	0.94	163.62	1821.36	-7.66	18.35	-7.80	19.88	112.65	0.25
1916.11	0.60	168.53	1915.95	-8.89	18.67	-9.04	20.67	115.46	0.37
2010.71	0.52	151.89	2010.54	-9.75	18.97	-9.91	21.33	117.21	0.19
2105.31	0.64	153.87	2105.14	-10.61	19.41	-10.76	22.12	118.67	0.12
2199.91	0.79	149.92	2199.73	-11.65	19.96	-11.81	23.11	120.26	0.17
2294.51	0.52	110.38	2294.33	-12.36	20.70	-12.53	24.11	120.85	0.54
2389.11	0.33	122.97	2388.92	-12.66	21.33	-12.83	24.81	120.69	0.23
2483.71	0.60	71.03	2483.52	-12.65	22.02	-12.83	25.40	119.87	0.50
2578.31	1.26	80.71	2578.11	-12.32	23.52	-12.51	26.55	117.65	0.72
2672.91	1.28	80.39	2672.68	-11.98	25.59	-12.18	28.26	115.07	0.02
2767.51	1.65	82.81	2767.25	-11.63	27.98	-11.85	30.30	112.57	0.39
2862.11	2.29	96.42	2861.80	-11.67	31.21	-11.92	33.32	110.50	0.84
2956.71	2.87	112.12	2956.30	-12.77	35.28	-13.06	37.52	109.90	0.96
3051.31	3.24	119.41	3050.77	-14.98	39.80	-15.30	42.53	110.62	0.57
3145.91	3.23	115.97	3145.22	-17.46	44.53	-17.81	47.83	111.41	0.21
3240.51	2.96	100.78	3239.68	-19.08	49.31	-19.47	52.88	111.15	0.91
3335.11	3.03	87.41	3334.15	-19.42	54.21	-19.86	57.58	109.71	0.74
3429.71	2.67	77.56	3428.64	-18.84	58.85	-19.31	61.79	107.75	0.64
3524.31	3.03	86.88	3523.12	-18.22	63.50	-18.73	66.06	106.01	0.62
3618.91	2.61	85.71	3617.61	-17.93	68.15	-18.47	70.46	104.74	0.45
3713.51	2.59	85.51	3712.11	-17.60	72.42	-18.18	74.53	103.66	0.03
3808.11	2.56	74.62	3806.61	-16.87	76.59	-17.49	78.42	102.42	0.52
3902.71	2.53	54.17	3901.12	-15.09	80.32	-15.74	81.72	100.64	0.95
3997.31	2.41	55.65	3995.63	-12.75	83.65	-13.42	84.61	98.67	0.14
4091.91	2.26	35.21	4090.16	-10.11	86.36	-10.80	86.95	96.67	0.89
4186.51	1.99	35.13	4184.69	-7.24	88.38	-7.95	88.68	94.68	0.28
4281.11	1.10	45.17	4279.26	-5.25	89.98	-5.97	90.13	93.34	0.98
4375.71	1.07	49.27	4373.84	-4.03	91.29	-4.77	91.38	92.53	0.09
4470.31	1.81	64.44	4468.41	-2.82	93.30	-3.57	93.34	91.73	0.88
4564.91	2.27	85.11	4562.95	-2.01	96.51	-2.79	96.53	91.20	0.91
4659.51	3.02	97.01	4657.45	-2.16	100.85	-2.97	100.87	91.23	0.98
4754.11	3.08	112.76	4751.92	-3.44	105.66	-4.29	105.72	91.87	0.88
4848.71	2.47	124.89	4846.41	-5.59	109.68	-6.47	109.82	92.92	0.88
4943.31	2.30	125.42	4940.93	-7.86	112.90	-8.77	113.17	93.98	0.19
5037.91	2.13	115.34	5035.46	-9.71	116.03	-10.64	116.44	94.78	0.45
5132.51	2.18	118.48	5129.99	-11.32	119.20	-12.28	119.74	95.43	0.13
5227.11	1.66	117.91	5224.54	-12.82	121.99	-13.80	122.66	96.00	0.55
5321.71	1.63	101.09	5319.10	-13.72	124.52	-14.72	125.27	96.29	0.51
5416.31	1.65	97.03	5413.66	-14.14	127.19	-15.16	127.98	96.35	0.13

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5510.91	1.60	130.20	5508.22	-15.16	129.56	-16.20	130.44	96.68	0.98
5605.51	1.35	108.27	5602.79	-16.37	131.63	-17.42	132.64	97.09	0.65
5700.11	1.22	99.40	5697.37	-16.88	133.68	-17.96	134.74	97.20	0.25
5794.71	1.47	138.19	5791.94	-17.95	135.48	-19.04	136.66	97.55	0.97
5889.31	1.22	136.04	5886.52	-19.57	136.98	-20.67	138.37	98.13	0.27
5983.91	1.13	128.38	5981.10	-20.87	138.41	-21.99	139.98	98.58	0.19
6078.51	1.47	126.30	6075.67	-22.17	140.12	-23.30	141.87	98.99	0.36
6173.11	1.46	127.30	6170.24	-23.62	142.06	-24.76	144.01	99.44	0.03
6267.71	1.43	153.07	6264.81	-25.41	143.55	-26.56	145.78	100.04	0.68
6362.31	0.93	138.77	6359.39	-27.04	144.60	-28.20	147.10	100.59	0.61
6456.91	0.84	127.46	6453.98	-28.04	145.65	-29.20	148.32	100.90	0.21
6551.51	1.15	137.28	6548.57	-29.16	146.84	-30.33	149.71	101.23	0.38
6646.11	1.07	151.23	6643.15	-30.63	147.92	-31.82	151.05	101.70	0.30
6740.71	0.84	130.08	6737.74	-31.85	148.87	-33.05	152.24	102.08	0.44
6835.31	0.71	115.40	6832.33	-32.55	149.93	-33.75	153.42	102.25	0.25
6929.91	1.22	155.75	6926.92	-33.71	150.87	-34.92	154.59	102.60	0.87
7024.51	1.12	198.84	7021.50	-35.51	150.98	-36.72	155.10	103.23	0.91
7119.11	0.70	181.18	7116.09	-36.96	150.67	-38.17	155.14	103.78	0.54
7213.71	0.61	197.87	7210.68	-38.02	150.50	-39.22	155.23	104.18	0.22
7308.31	0.95	142.24	7305.27	-39.12	150.83	-40.33	155.82	104.54	0.83
7402.91	0.47	164.25	7399.86	-40.11	151.42	-41.33	156.64	104.84	0.57
7497.51	0.49	121.26	7494.46	-40.70	151.86	-41.91	157.22	105.00	0.37
7592.11	0.91	117.93	7589.05	-41.26	152.87	-42.48	158.34	105.10	0.45
7686.71	0.93	154.36	7683.64	-42.30	153.87	-43.54	159.57	105.37	0.61
7781.31	1.45	169.81	7778.22	-44.17	154.41	-45.41	160.60	105.96	0.64
7875.91	1.33	162.38	7872.79	-46.40	154.95	-47.64	161.75	106.67	0.22
7970.51	1.34	180.16	7967.37	-48.56	155.29	-49.80	162.70	107.36	0.44
8065.11	1.53	145.10	8061.94	-50.70	156.01	-51.95	164.04	108.00	0.94
8159.71	1.26	168.14	8156.51	-52.76	156.95	-54.02	165.58	108.58	0.65
8254.31	1.60	166.48	8251.08	-55.06	157.47	-56.32	166.82	109.27	0.36
8348.91	1.53	178.03	8345.65	-57.60	157.82	-58.87	168.00	110.05	0.34
8443.51	1.26	154.91	8440.22	-59.81	158.30	-61.08	169.23	110.70	0.65
8538.11	1.30	189.83	8534.80	-61.81	158.56	-63.08	170.19	111.30	0.82
8632.71	1.36	197.98	8629.37	-63.94	158.03	-65.21	170.48	112.03	0.21
8727.31	1.27	213.95	8723.95	-65.87	157.10	-67.13	170.35	112.75	0.40
8821.91	1.41	201.89	8818.52	-67.82	156.09	-69.07	170.18	113.49	0.33
8916.51	1.50	206.93	8913.09	-70.00	155.09	-71.24	170.16	114.29	0.17
9011.11	1.70	194.17	9007.66	-72.46	154.19	-73.70	170.37	115.17	0.43
9105.71	1.46	205.67	9102.22	-74.92	153.32	-76.14	170.64	116.04	0.42

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9200.31	1.34	198.19	9196.79	-77.05	152.45	-78.28	170.82	116.81	0.23
9294.91	1.59	204.99	9291.36	-79.29	151.55	-80.51	171.04	117.62	0.32
9323.46	1.41	199.24	9319.90	-79.98	151.27	-81.19	171.11	117.87	0.82



VES Survey International
Midland, TX
432-563-5444
Surveyor: Andrew Askew
Fighting Okra 18 Federal Com No. 001H / API 30-025-40382



Directional Survey

District DELAWARE BASIN	County LEA	Field Name RATTLESNAKE (NM)	Project Group DELAWARE BASIN REG	State/Province NM			
Surface Legal Location SEC18 T26S R34E	API/UWI 3002540382	Latitude (°) 32° 2' 36.165" N	Longitude (°) 103° 30' 58.992" W	Ground Elev... 3,352.10	KB - GL (ft) 25.00	Orig KB Elev (ft) 3,377.10	Tubing Head Elevation (ft)

Wellbores							
Wellbore Name OH	Parent Wellbore OH	SAP Well ID 037357-020	Kick Off Depth (ftKB) 9,495.0	Vertical Section Direction 359.54	HOBBS OCD		
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)	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
Wellbore Name ST01	Parent Wellbore OH	SAP Well ID	Kick Off Depth (ftKB) 9,322.0	Vertical Section Direction (°) 359.54						
Actual Deviation Survey	Definitive?	Proposed?	Proposed Deviation Survey							
MWD, Proposed? No	Yes	No								

Deviation Survey							
Date 5/24/2014	Description 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
5/18/2014	118.71	0.33	85.78	118.71	0.02	0.03	0.34	0.28	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	213.31	0.70	102.60	213.31	-0.09	-0.08	1.18	0.42	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	307.91	0.89	93.49	307.90	-0.27	-0.25	2.47	0.24	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	402.51	0.96	84.56	402.48	-0.25	-0.22	4.00	0.17	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	497.11	0.88	94.51	497.07	-0.25	-0.20	5.51	0.19	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	591.71	0.84	96.93	591.66	-0.40	-0.34	6.92	0.06	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	686.31	0.77	97.72	686.25	-0.58	-0.51	8.24	0.07	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	780.91	0.79	87.13	780.84	-0.64	-0.57	9.52	0.15	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	875.51	0.89	90.69	875.43	-0.63	-0.54	10.91	0.12	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	970.11	0.85	94.23	970.02	-0.70	-0.60	12.34	0.07	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	1,064.71	0.61	126.81	1,064.61	-1.06	-0.96	13.44	0.50	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	1,159.31	0.59	115.12	1,159.21	-1.58	-1.46	14.29	0.13	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	1,253.91	0.84	116.38	1,253.80	-2.10	-1.98	15.35	0.26	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	1,348.51	0.83	106.05	1,348.39	-2.61	-2.48	16.63	0.16	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	1,443.11	0.56	180.15	1,442.99	-3.27	-3.13	17.29	0.91	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	1,537.71	0.63	176.55	1,537.58	-4.25	-4.11	17.32	0.08	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	1,632.31	0.76	153.73	1,632.17	-5.33	-5.19	17.63	0.32	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	1,726.91	0.72	168.94	1,726.77	-6.48	-6.34	18.02	0.21	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	1,821.51	0.94	163.62	1,821.36	-7.81	-7.67	18.35	0.25	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	1,916.11	0.60	168.53	1,915.95	-9.05	-8.90	18.67	0.37	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	2,010.71	0.52	151.89	2,010.54	-9.91	-9.76	18.97	0.19	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	2,105.31	0.64	153.87	2,105.14	-10.77	-10.61	19.40	0.13	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	2,199.91	0.79	149.92	2,199.73	-11.81	-11.65	19.96	0.17	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	2,294.51	0.52	110.38	2,294.33	-12.53	-12.37	20.69	0.54	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	2,389.11	0.33	122.97	2,388.92	-12.83	-12.66	21.32	0.22	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	2,483.71	0.60	71.03	2,483.52	-12.83	-12.65	22.02	0.50	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	2,578.31	1.26	80.71	2,578.11	-12.51	-12.32	23.52	0.71	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	2,672.91	1.28	80.39	2,672.68	-12.18	-11.98	25.58	0.02	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	2,767.51	1.65	82.81	2,767.25	-11.85	-11.63	27.98	0.40	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	2,862.11	2.29	96.42	2,861.80	-11.92	-11.67	31.21	0.83	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	2,956.71	2.87	112.12	2,956.30	-13.06	-12.77	35.28	0.96	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	3,051.31	3.24	119.41	3,050.77	-15.30	-14.98	39.80	0.57	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	3,145.91	3.23	115.97	3,145.22	-17.82	-17.46	44.53	0.21	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	3,240.51	2.96	100.78	3,239.68	-19.48	-19.08	49.32	0.91	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	3,335.11	3.03	87.41	3,334.15	-19.86	-19.43	54.22	0.74	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	3,429.71	2.67	77.56	3,428.64	-19.31	-18.84	58.87	0.64	GYRO	VAUHGN ENERGY SERVICES



Directional Survey

District DELAWARE BASIN	County LEA	Field Name RATTLESNAKE (NM)	Project Group DELAWARE BASIN REG	State/Province NM
Surface Legal Location SEC18 T26S R34E	API/UWI 3002540382	Latitude (°) 32° 2' 36.165" N	Longitude (°) 103° 30' 58.992" W	Ground Elev 3,352.10
			KB - GL (ft) 25.00	Orig KB Elev (ft) 3,377.10
				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
5/18/2014	3,524.31	3.03	86.88	3,523.12	-18.74	-18.23	63.52	0.62	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	3,618.91	2.61	85.71	3,617.60	-18.48	-17.93	68.16	0.45	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	3,713.51	2.59	85.51	3,712.11	-18.18	-17.60	72.44	0.02	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	3,808.11	2.56	74.62	3,806.61	-17.49	-16.87	76.61	0.52	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	3,902.71	2.53	54.17	3,901.12	-15.74	-15.09	80.34	0.96	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	3,997.31	2.41	55.65	3,995.63	-13.42	-12.75	83.67	0.14	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	4,091.91	2.26	35.21	4,090.16	-10.79	-10.10	86.39	0.89	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	4,186.51	1.99	35.13	4,184.69	-7.94	-7.23	88.41	0.29	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	4,281.11	1.10	45.17	4,279.26	-5.97	-5.25	90.00	0.98	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	4,375.71	1.07	49.27	4,373.84	-4.77	-4.03	91.31	0.09	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	4,470.31	1.81	64.44	4,468.41	-3.56	-2.81	93.33	0.87	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	4,564.91	2.27	85.11	4,562.95	-2.78	-2.01	96.55	0.91	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	4,659.51	3.02	97.01	4,657.45	-2.96	-2.15	100.89	0.98	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	4,754.11	3.08	112.76	4,751.92	-4.29	-3.44	105.70	0.89	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	4,848.71	2.47	124.89	4,846.41	-6.47	-5.59	109.72	0.89	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	4,943.31	2.30	125.42	4,940.92	-8.76	-7.86	112.94	0.18	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	5,037.91	2.13	115.34	5,035.45	-10.64	-9.71	116.07	0.45	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	5,132.51	2.18	118.48	5,129.99	-12.28	-11.32	119.24	0.14	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	5,227.11	1.66	117.91	5,224.53	-13.80	-12.82	122.04	0.55	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	5,321.71	1.63	101.09	5,319.10	-14.72	-13.72	124.57	0.51	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	5,416.31	1.65	97.03	5,413.66	-15.16	-14.14	127.24	0.12	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	5,510.91	1.60	130.20	5,508.22	-16.20	-15.16	129.60	0.98	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	5,605.51	1.35	108.27	5,602.79	-17.42	-16.36	131.67	0.65	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	5,700.11	1.22	99.40	5,697.37	-17.95	-16.88	133.72	0.25	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	5,794.71	1.47	138.19	5,791.94	-19.03	-17.95	135.52	0.98	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	5,889.31	1.22	136.04	5,886.52	-20.68	-19.58	137.03	0.27	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	5,983.91	1.13	128.38	5,981.10	-21.99	-20.88	138.46	0.19	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	6,078.51	1.47	126.30	6,075.67	-23.30	-22.18	140.17	0.36	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	6,173.11	1.46	127.30	6,170.24	-24.77	-23.63	142.10	0.03	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	6,267.71	1.43	153.07	6,264.81	-26.56	-25.41	143.60	0.68	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	6,362.31	0.93	138.77	6,359.39	-28.20	-27.04	144.64	0.61	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	6,456.91	0.84	127.46	6,453.98	-29.21	-28.04	145.69	0.21	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	6,551.51	1.15	137.28	6,548.57	-30.34	-29.16	146.89	0.37	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	6,646.11	1.07	151.23	6,643.15	-31.82	-30.63	147.96	0.30	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	6,740.71	0.84	130.08	6,737.74	-33.04	-31.85	148.91	0.44	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	6,835.31	0.71	115.40	6,832.33	-33.75	-32.55	149.97	0.25	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	6,929.91	1.22	155.75	6,926.91	-34.93	-33.72	150.92	0.87	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	7,024.51	1.12	198.84	7,021.50	-36.72	-35.51	151.03	0.91	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	7,119.11	0.70	181.18	7,116.08	-38.17	-36.96	150.72	0.53	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	7,213.71	0.61	197.87	7,210.68	-39.23	-38.02	150.56	0.22	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	7,308.31	0.95	142.24	7,305.27	-40.33	-39.12	150.88	0.83	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	7,402.91	0.47	164.25	7,399.86	-41.33	-40.11	151.47	0.57	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	7,497.51	0.49	121.26	7,494.46	-41.92	-40.70	151.92	0.37	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	7,592.11	0.91	117.93	7,589.05	-42.49	-41.26	152.93	0.45	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	7,686.71	0.93	154.36	7,683.64	-43.54	-42.30	153.92	0.61	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	7,781.31	1.45	169.81	7,778.22	-45.41	-44.17	154.47	0.64	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	7,875.91	1.33	162.38	7,872.79	-47.64	-46.40	155.01	0.23	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	7,970.51	1.34	180.16	7,967.37	-49.80	-48.55	155.34	0.44	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	8,065.11	1.53	145.10	8,061.94	-51.94	-50.69	156.06	0.93	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	8,159.71	1.26	168.14	8,156.51	-54.00	-52.75	157.00	0.65	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	8,254.31	1.60	166.48	8,251.08	-56.31	-55.05	157.52	0.36	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	8,348.91	1.53	178.03	8,345.65	-58.86	-57.59	157.87	0.34	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	8,443.51	1.26	154.91	8,440.22	-61.07	-59.80	158.36	0.65	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	8,538.11	1.30	189.83	8,534.80	-63.07	-61.80	158.61	0.81	GYRO	VAUHG N ENERGY SERVICES
5/18/2014	8,632.71	1.36	197.98	8,629.37	-65.19	-63.92	158.08	0.21	GYRO	VAUHG N ENERGY SERVICES



Directional Survey

District DELAWARE BASIN	County LEA	Field Name RATTLESNAKE (NM)	Project Group DELAWARE BASIN REG	State/Province NM
Surface Legal Location SEC18 T26S R34E	API/UWI 3002540382	Latitude (") 32° 2' 36.165" N	Longitude (") 103° 30' 58.992" W	Ground Elev... 3,352.10
			KB - GL (ft) 25.00	Orig KB Elev (ft) 3,377.10
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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
5/18/2014	8,727.31	1.27	213.95	8,723.95	-67.12	-65.86	157.15	0.40	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	8,821.91	1.41	201.89	8,818.52	-69.06	-67.81	156.13	0.33	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	8,916.51	1.50	206.93	8,913.09	-71.24	-69.99	155.14	0.17	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	9,011.11	1.70	194.17	9,007.66	-73.69	-72.46	154.23	0.43	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	9,105.71	1.46	205.67	9,102.22	-76.13	-74.90	153.37	0.42	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	9,200.31	1.34	198.19	9,196.79	-78.26	-77.04	152.50	0.23	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	9,294.91	1.59	204.99	9,291.36	-80.50	-79.28	151.60	0.32	GYRO	VAUHGN ENERGY SERVICES
5/18/2014	9,323.46	1.41	199.24	9,319.90	-81.18	-79.97	151.32	0.82	GYRO	VAUHGN ENERGY SERVICES
5/24/2014	9,389.00	14.54	0.10	9,384.80	-73.67	-72.46	151.06	24.23	MWD	WEATHERFORD
5/24/2014	9,421.00	17.96	355.76	9,415.51	-64.73	-63.52	150.71	11.33	MWD	WEATHERFORD
5/24/2014	9,453.00	19.96	354.11	9,445.78	-54.37	-53.16	149.78	6.47	MWD	WEATHERFORD
5/24/2014	9,484.00	22.90	352.71	9,474.63	-43.11	-41.92	148.47	9.63	MWD	WEATHERFORD
5/24/2014	9,516.00	26.45	350.08	9,503.71	-29.89	-28.72	146.45	11.61	MWD	WEATHERFORD
5/24/2014	9,547.00	29.23	349.14	9,531.11	-15.63	-14.48	143.84	9.08	MWD	WEATHERFORD
5/24/2014	9,578.00	31.53	349.53	9,557.86	-0.20	0.93	140.94	7.45	MWD	WEATHERFORD
5/24/2014	9,610.00	34.60	349.33	9,584.67	16.98	18.09	137.74	9.60	MWD	WEATHERFORD
5/25/2014	9,642.00	37.87	349.61	9,610.48	35.60	36.68	134.28	10.23	MWD	WEATHERFORD
5/25/2014	9,673.00	40.34	349.82	9,634.53	54.87	55.92	130.79	7.98	MWD	WEATHERFORD
5/25/2014	9,705.00	41.74	350.70	9,658.67	75.60	76.63	127.24	4.73	MWD	WEATHERFORD
5/26/2014	9,737.00	43.63	352.24	9,682.19	97.08	98.08	124.03	6.75	MWD	WEATHERFORD
5/26/2014	9,768.00	46.85	353.76	9,704.02	118.95	119.93	121.35	10.95	MWD	WEATHERFORD
5/26/2014	9,799.00	49.38	354.57	9,724.71	141.92	142.88	119.01	8.39	MWD	WEATHERFORD
5/26/2014	9,831.00	52.25	353.72	9,744.93	166.61	167.55	116.48	9.20	MWD	WEATHERFORD
5/26/2014	9,862.00	55.29	352.61	9,763.25	191.46	192.38	113.50	10.22	MWD	WEATHERFORD
5/27/2014	9,894.00	58.95	352.02	9,780.62	218.12	219.01	109.90	11.54	MWD	WEATHERFORD
5/27/2014	9,925.00	62.54	351.88	9,795.77	244.92	245.78	106.11	11.59	MWD	WEATHERFORD
5/28/2014	9,957.00	66.60	351.59	9,809.50	273.55	274.37	101.96	12.71	MWD	WEATHERFORD
5/28/2014	9,988.00	70.60	351.22	9,820.81	302.11	302.91	97.64	12.95	MWD	WEATHERFORD
5/28/2014	10,019.00	74.48	350.96	9,830.11	331.36	332.12	93.06	12.54	MWD	WEATHERFORD
5/28/2014	10,051.00	78.58	350.69	9,837.56	362.11	362.83	88.10	12.84	MWD	WEATHERFORD
5/28/2014	10,083.00	82.55	350.91	9,842.81	393.31	393.99	83.06	12.42	MWD	WEATHERFORD
5/28/2014	10,114.00	86.78	351.79	9,845.69	423.85	424.49	78.42	13.93	MWD	WEATHERFORD
5/28/2014	10,137.00	88.95	352.05	9,846.55	446.63	447.25	75.19	9.50	MWD	WEATHERFORD
5/28/2014	10,169.00	90.56	355.04	9,846.68	478.45	479.04	71.59	10.61	MWD	WEATHERFORD
5/28/2014	10,232.00	91.33	355.84	9,845.65	541.28	541.83	66.58	1.76	MWD	WEATHERFORD
5/29/2014	10,326.00	93.36	355.95	9,841.80	635.00	635.51	59.86	2.16	MWD	WEATHERFORD
5/29/2014	10,421.00	93.01	356.74	9,836.52	729.71	730.17	53.81	0.91	MWD	WEATHERFORD
5/29/2014	10,516.00	92.45	357.71	9,832.00	824.52	824.94	49.22	1.18	MWD	WEATHERFORD
5/30/2014	10,610.00	92.38	358.62	9,828.04	918.41	918.81	46.21	0.97	MWD	WEATHERFORD
5/30/2014	10,705.00	93.01	358.91	9,823.57	1,013.30	1,013.68	44.16	0.73	MWD	WEATHERFORD
5/30/2014	10,799.00	92.80	0.49	9,818.80	1,107.17	1,107.56	43.67	1.69	MWD	WEATHERFORD
5/30/2014	10,894.00	91.96	0.63	9,814.86	1,202.07	1,202.47	44.60	0.90	MWD	WEATHERFORD
5/30/2014	10,988.00	91.40	0.36	9,812.10	1,296.02	1,296.43	45.41	0.66	MWD	WEATHERFORD
5/30/2014	11,083.00	90.49	1.22	9,810.54	1,390.98	1,391.40	46.72	1.32	MWD	WEATHERFORD
5/30/2014	11,178.00	89.58	1.22	9,810.48	1,485.94	1,486.38	48.75	0.96	MWD	WEATHERFORD
5/30/2014	11,272.00	90.70	1.87	9,810.25	1,579.88	1,580.34	51.28	1.38	MWD	WEATHERFORD
5/30/2014	11,366.00	90.98	0.38	9,808.87	1,673.83	1,674.31	53.13	1.61	MWD	WEATHERFORD
5/31/2014	11,461.00	90.91	0.32	9,807.30	1,768.81	1,769.30	53.71	0.10	MWD	WEATHERFORD
5/31/2014	11,558.00	90.84	359.92	9,805.82	1,865.79	1,866.29	53.91	0.42	MWD	WEATHERFORD
5/31/2014	11,652.00	88.74	359.98	9,806.17	1,959.79	1,960.28	53.83	2.23	MWD	WEATHERFORD
5/31/2014	11,747.00	88.18	1.18	9,808.72	2,054.73	2,055.24	54.79	1.39	MWD	WEATHERFORD
5/31/2014	11,842.00	88.18	0.21	9,811.74	2,149.67	2,150.18	55.94	1.02	MWD	WEATHERFORD
6/1/2014	11,936.00	88.04	359.33	9,814.84	2,243.61	2,244.13	55.56	0.95	MWD	WEATHERFORD
6/1/2014	12,031.00	89.44	359.12	9,816.93	2,338.59	2,339.10	54.28	1.49	MWD	WEATHERFORD
6/1/2014	12,125.00	90.77	359.61	9,816.75	2,432.58	2,433.09	53.24	1.51	MWD	WEATHERFORD



Directional Survey

District DELAWARE BASIN		County LEA		Field Name RATTLESNAKE (NM)		Project Group DELAWARE BASIN REG			State/Province NM		
Surface Legal Location SEC18 T26S R34E		API/UWI 3002540382		Latitude (°) 32° 2' 36.165" N		Longitude (°) 103° 30' 58.992" W		Ground Elev... 3,352.10	KB - GL (ft) 25.00	Orig KB Elev (ft) 3,377.10	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	
6/2/2014	12,220.00	91.05	0.10	9,815.25	2,527.57	2,528.08	53.00	0.59	MWD	WEATHERFORD	
6/3/2014	12,316.00	90.77	359.15	9,813.72	2,623.56	2,624.06	52.37	1.03	MWD	WEATHERFORD	
6/3/2014	12,410.00	91.05	359.64	9,812.23	2,717.54	2,718.04	51.37	0.60	MWD	WEATHERFORD	
6/3/2014	12,505.00	91.54	359.74	9,810.08	2,812.52	2,813.02	50.86	0.53	MWD	WEATHERFORD	
6/3/2014	12,599.00	91.89	359.76	9,807.27	2,906.48	2,906.97	50.45	0.37	MWD	WEATHERFORD	
6/4/2014	12,694.00	90.91	359.75	9,804.95	3,001.45	3,001.94	50.04	1.03	MWD	WEATHERFORD	
6/4/2014	12,788.00	90.14	0.28	9,804.09	3,095.44	3,095.94	50.07	0.99	MWD	WEATHERFORD	
6/4/2014	12,883.00	89.93	0.45	9,804.03	3,190.43	3,190.94	50.67	0.28	MWD	WEATHERFORD	
6/4/2014	12,978.00	89.79	359.15	9,804.26	3,285.42	3,285.93	50.34	1.38	MWD	WEATHERFORD	
6/4/2014	13,072.00	89.23	358.56	9,805.06	3,379.41	3,379.91	48.46	0.87	MWD	WEATHERFORD	
6/4/2014	13,167.00	89.72	358.81	9,805.93	3,474.40	3,474.88	46.28	0.58	MWD	WEATHERFORD	
6/4/2014	13,261.00	90.56	359.34	9,805.70	3,568.39	3,568.87	44.77	1.06	MWD	WEATHERFORD	
6/4/2014	13,356.00	88.81	359.17	9,806.23	3,663.39	3,663.85	43.53	1.85	MWD	WEATHERFORD	
6/4/2014	13,450.00	88.95	359.29	9,808.06	3,757.37	3,757.83	42.27	0.20	MWD	WEATHERFORD	
6/4/2014	13,545.00	89.16	359.35	9,809.63	3,852.35	3,852.81	41.14	0.23	MWD	WEATHERFORD	
6/4/2014	13,639.00	88.39	359.48	9,811.64	3,946.33	3,946.78	40.18	0.83	MWD	WEATHERFORD	
6/4/2014	13,733.00	89.37	359.57	9,813.48	4,040.31	4,040.76	39.40	1.05	MWD	WEATHERFORD	
6/4/2014	13,828.00	89.23	0.28	9,814.64	4,135.30	4,135.75	39.28	0.76	MWD	WEATHERFORD	
6/4/2014	13,922.00	89.23	358.97	9,815.90	4,229.29	4,229.74	38.66	1.39	MWD	WEATHERFORD	
6/4/2014	14,017.00	90.77	358.65	9,815.90	4,324.28	4,324.71	36.69	1.66	MWD	WEATHERFORD	
6/4/2014	14,112.00	92.52	359.24	9,813.17	4,419.23	4,419.66	34.94	1.94	MWD	WEATHERFORD	
6/4/2014	14,206.00	92.87	359.77	9,808.75	4,513.13	4,513.55	34.13	0.68	MWD	WEATHERFORD	
6/4/2014	14,301.00	89.79	359.34	9,806.55	4,608.09	4,608.51	33.39	3.27	MWD	WEATHERFORD	
6/4/2014	14,395.00	89.23	359.52	9,807.35	4,702.09	4,702.50	32.46	0.63	MWD	WEATHERFORD	
6/4/2014	14,490.00	89.37	359.69	9,808.51	4,797.08	4,797.49	31.80	0.23	MWD	WEATHERFORD	
6/4/2014	14,585.00	89.23	359.96	9,809.68	4,892.07	4,892.48	31.51	0.32	MWD	WEATHERFORD	
6/4/2014	14,679.00	90.00	0.17	9,810.31	4,986.06	4,986.48	31.62	0.85	MWD	WEATHERFORD	
6/4/2014	14,774.00	89.86	1.38	9,810.42	5,081.04	5,081.47	32.90	1.28	MWD	WEATHERFORD	
6/4/2014	14,868.00	89.86	0.69	9,810.65	5,175.01	5,175.45	34.60	0.73	MWD	WEATHERFORD	
6/4/2014	14,962.00	89.37	359.17	9,811.28	5,269.00	5,269.45	34.49	1.70	MWD	WEATHERFORD	
6/4/2014	15,057.00	89.16	359.79	9,812.50	5,363.99	5,364.43	33.63	0.69	MWD	WEATHERFORD	
6/4/2014	15,151.00	89.37	358.89	9,813.71	5,457.98	5,458.42	32.54	0.98	MWD	WEATHERFORD	
6/4/2014	15,246.00	89.93	358.73	9,814.29	5,552.97	5,553.40	30.57	0.61	MWD	WEATHERFORD	
6/4/2014	15,341.00	90.14	359.63	9,814.23	5,647.97	5,648.39	29.21	0.97	MWD	WEATHERFORD	
6/4/2014	15,436.00	90.28	359.13	9,813.88	5,742.97	5,743.38	28.18	0.55	MWD	WEATHERFORD	
6/4/2014	15,531.00	90.35	358.89	9,813.36	5,837.96	5,838.36	26.54	0.26	MWD	WEATHERFORD	
6/4/2014	15,626.00	89.93	359.30	9,813.13	5,932.96	5,933.35	25.04	0.62	MWD	WEATHERFORD	
6/4/2014	15,721.00	89.65	359.49	9,813.48	6,027.96	6,028.35	24.04	0.36	MWD	WEATHERFORD	
6/4/2014	15,816.00	89.65	357.94	9,814.06	6,122.94	6,123.32	21.91	1.63	MWD	WEATHERFORD	
6/4/2014	15,911.00	89.02	358.12	9,815.16	6,217.90	6,218.25	18.64	0.69	MWD	WEATHERFORD	
6/4/2014	16,006.00	90.21	358.18	9,815.80	6,312.87	6,313.20	15.57	1.25	MWD	WEATHERFORD	
6/4/2014	16,101.00	90.07	358.68	9,815.57	6,407.85	6,408.16	12.97	0.55	MWD	WEATHERFORD	
6/4/2014	16,196.00	89.65	359.14	9,815.80	6,502.85	6,503.15	11.16	0.66	MWD	WEATHERFORD	
6/4/2014	16,290.00	90.07	358.46	9,816.03	6,596.84	6,597.12	9.20	0.85	MWD	WEATHERFORD	
6/4/2014	16,385.00	90.21	359.02	9,815.80	6,691.83	6,692.10	7.11	0.61	MWD	WEATHERFORD	
6/4/2014	16,480.00	89.93	359.43	9,815.68	6,786.83	6,787.09	5.82	0.52	MWD	WEATHERFORD	
6/4/2014	16,575.00	89.30	358.86	9,816.32	6,881.82	6,882.08	4.40	0.89	MWD	WEATHERFORD	
6/4/2014	16,669.00	91.89	358.79	9,815.34	6,975.80	6,976.05	2.48	2.76	MWD	WEATHERFORD	
6/4/2014	16,764.00	91.61	359.18	9,812.44	7,070.75	7,070.99	0.80	0.51	MWD	WEATHERFORD	
6/4/2014	16,858.00	90.49	359.42	9,810.72	7,164.73	7,164.96	-0.35	1.22	MWD	WEATHERFORD	
6/4/2014	16,953.00	90.00	359.71	9,810.31	7,259.73	7,259.96	-1.07	0.60	MWD	WEATHERFORD	
6/4/2014	17,048.00	90.42	0.10	9,809.96	7,354.73	7,354.96	-1.23	0.60	MWD	WEATHERFORD	
6/4/2014	17,142.00	90.00	0.26	9,809.62	7,448.72	7,448.96	-0.94	0.48	MWD	WEATHERFORD	
6/4/2014	17,157.00	90.00	0.20	9,809.62	7,463.72	7,463.96	-0.88	0.40	MWD	WEATHERFORD	
6/4/2014	17,225.00	90.00	0.20	9,809.62	7,531.72	7,531.95	-0.64	0.00	BIT	WEATHERFORD	