



Directional Survey

30-015-41900

Well Name: BETELGEUSE 19 FEDERAL 8H

Sub-Division: DELAWARE BASIN	Region: DELAWARE SLOPE EAST	Field Name: HACKBERRY	County: EDDY	State/Province: NM
Surface Legal Location: Sec 20 T19S R31E	API/UWI: 3001541900	Latitude (°): 32° 38' 41.396" N	Longitude (°): 103° 53' 55.068" W	Orig KB Elevation (ft): 3,435.00
			Ground Elev MSL (ft): 3,409.00	KB - GL (ft): 26.00

Wellbores	Parent Wellbore: OH	SAP Well ID: 38001	Vertical Section Direction (°): 270.00
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Click Offs & Key Depths	Date: 3/3/2015	Type: Kick Off	Top Depth (ftKB): 7,477.0
Actual Deviation Survey: TELEDRIFT / EXTREME, Proposed? No	Definitive?: Yes	Proposed?: No	Proposed Deviation Survey:

Deviation Survey	Date: 2/14/2015	Description: TELEDRIFT / EXTREME
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)	EW (ft)	DLS (°/100ft)	Survey Tool	Survey Company
	2/14/2015	57.00	0.30	196.40	57.00	0.04	0.14	0.04	0.53	MS	TELEDRIFT
	2/15/2015	148.00	0.90	191.40	147.99	0.25	1.07	0.25	0.66	MS	TELEDRIFT
	2/15/2015	270.00	1.10	187.40	269.98	0.59	3.17	0.59	0.17	MS	TELEDRIFT
	2/15/2015	376.00	1.00	176.40	375.96	0.66	5.10	0.66	0.21	MS	TELEDRIFT
	2/18/2015	468.00	1.19	146.49	467.94	0.09	6.70	0.09	0.65	MS	EXTREME
	2/18/2015	577.00	1.41	193.99	576.92	0.21	8.95	0.21	0.98	MS	EXTREME
	2/18/2015	615.00	1.49	195.40	614.90	0.03	9.88	0.03	0.23	MS	EXTREME
	2/18/2015	704.00	1.32	192.89	703.88	0.57	11.99	0.57	0.20	MS	EXTREME
	2/18/2015	795.00	1.32	194.30	794.85	1.06	14.03	1.06	0.04	MS	EXTREME
	2/18/2015	886.00	1.10	196.80	885.83	1.57	15.88	1.57	0.25	MS	EXTREME
	2/18/2015	977.00	1.01	194.69	976.82	2.03	17.49	2.03	0.11	MS	EXTREME
	2/18/2015	1,068.00	0.79	189.29	1,067.81	2.33	18.89	2.33	0.26	MS	EXTREME
	2/18/2015	1,159.00	0.62	177.82	1,158.80	2.41	20.00	2.41	0.24	MS	EXTREME
	2/18/2015	1,250.00	0.40	113.62	1,249.80	2.10	20.62	2.10	0.63	MS	EXTREME
	2/18/2015	1,344.00	0.70	86.19	1,343.79	1.23	20.71	1.23	0.42	MS	EXTREME
	2/18/2015	1,437.00	1.19	77.89	1,436.78	0.28	20.47	0.28	0.55	MS	EXTREME
	2/18/2015	1,525.00	1.41	72.61	1,524.76	2.21	19.96	2.21	0.28	MS	EXTREME
	2/18/2015	1,623.00	1.71	70.59	1,622.72	4.74	19.11	4.74	0.31	MS	EXTREME
	2/18/2015	1,717.00	1.89	70.42	1,716.67	7.52	18.13	7.52	0.19	MS	EXTREME
	2/19/2015	1,811.00	2.20	69.32	1,810.61	10.67	16.97	10.67	0.33	MS	EXTREME
	2/19/2015	1,906.00	1.71	73.58	1,905.56	13.74	15.92	13.74	0.54	MS	EXTREME
	2/19/2015	1,996.00	1.32	68.48	1,995.53	15.99	15.16	15.99	0.46	MS	EXTREME
	2/19/2015	2,090.00	1.10	76.39	2,089.51	17.87	14.55	17.87	0.29	MS	EXTREME
	2/20/2015	2,188.00	1.01	77.10	2,187.49	19.63	14.14	19.63	0.09	MS	EXTREME
	2/20/2015	2,282.00	0.70	82.90	2,281.48	21.01	13.88	21.01	0.34	MS	EXTREME
	2/20/2015	2,329.00	0.62	80.70	2,328.48	21.54	13.81	21.54	0.18	MS	EXTREME
	2/23/2015	2,371.00	0.40	226.81	2,370.47	21.66	13.87	21.66	2.33	MS	EXTREME
	2/23/2015	2,465.00	0.62	91.12	2,464.47	21.93	14.11	21.93	1.01	MS	EXTREME
	2/23/2015	2,556.00	0.70	82.28	2,555.47	22.97	14.04	22.97	0.14	MS	EXTREME
	2/23/2015	2,650.00	0.79	85.80	2,649.46	24.19	13.92	24.19	0.11	MS	EXTREME
	2/23/2015	2,744.00	0.88	94.72	2,743.45	25.55	13.93	25.55	0.17	MS	EXTREME
	2/23/2015	2,838.00	1.01	78.99	2,837.44	27.08	13.83	27.08	0.31	MS	EXTREME
	2/23/2015	2,933.00	1.19	85.58	2,932.42	28.89	13.59	28.89	0.23	MS	EXTREME
	2/23/2015	3,031.00	1.41	116.60	3,030.40	30.98	14.05	30.98	0.74	MS	EXTREME
	2/23/2015	3,124.00	1.41	118.01	3,123.37	33.02	15.10	33.02	0.04	MS	EXTREME
	2/23/2015	3,219.00	1.49	121.39	3,218.34	35.10	16.30	35.10	0.12	MS	EXTREME
	2/24/2015	3,313.00	1.41	124.12	3,312.31	37.10	17.58	37.10	0.11	MS	EXTREME
	2/24/2015	3,407.00	1.58	128.38	3,406.27	39.08	19.04	39.08	0.22	MS	EXTREME
	2/24/2015	3,500.00	1.58	134.80	3,499.24	40.99	20.73	40.99	0.19	MS	EXTREME
	2/24/2015	3,595.00	1.58	139.98	3,594.20	42.76	22.66	42.76	0.15	MS	EXTREME
	2/24/2015	3,689.00	1.49	140.91	3,688.17	44.37	24.60	44.37	0.10	MS	EXTREME
	2/24/2015	3,783.00	1.58	145.61	3,782.14	45.87	26.62	45.87	0.16	MS	EXTREME
	2/24/2015	3,878.00	1.58	143.89	3,877.10	47.38	28.76	47.38	0.05	MS	EXTREME
	2/24/2015	3,973.00	1.49	141.52	3,972.07	48.92	30.78	48.92	0.12	MS	EXTREME
	2/24/2015	3,978.00	1.71	139.90	3,977.06	49.01	30.89	49.01	4.49	MS	EXTREME
	2/28/2015	4,109.00	1.50	146.09	4,108.01	51.23	33.81	51.23	0.21	MWD	WEATHERFORD
	2/28/2015	4,154.00	1.56	143.84	4,153.00	51.92	34.79	51.92	0.19	MWD	WEATHERFORD
	2/28/2015	4,249.00	1.98	194.96	4,247.96	52.25	37.42	52.25	1.66	MWD	WEATHERFORD
	2/28/2015	4,343.00	3.18	204.90	4,341.86	50.74	41.36	50.74	1.36	MWD	WEATHERFORD
	2/28/2015	4,437.00	4.18	206.59	4,435.66	48.11	46.79	48.11	1.07	MWD	WEATHERFORD
	2/28/2015	4,532.00	4.70	202.44	4,530.38	45.07	53.48	45.07	0.64	MWD	WEATHERFORD
	2/28/2015	4,626.00	5.74	202.11	4,623.99	41.83	61.39	41.83	1.11	MWD	WEATHERFORD
	2/28/2015	4,720.00	6.69	201.43	4,717.43	38.06	70.85	38.06	1.01	MWD	WEATHERFORD
	2/28/2015	4,814.00	7.44	201.92	4,810.72	33.79	81.59	33.79	0.80	MWD	WEATHERFORD
	2/28/2015	4,908.00	7.25	201.55	4,903.95	29.34	92.75	29.34	0.21	MWD	WEATHERFORD
	2/28/2015	5,002.00	6.72	199.98	4,997.25	25.28	103.44	25.28	0.60	MWD	WEATHERFORD
	2/28/2015	5,096.00	7.59	196.24	5,090.52	21.67	114.57	21.67	1.05	MWD	WEATHERFORD
	3/1/2015	5,190.00	7.05	196.90	5,183.75	18.25	126.05	18.25	0.58	MWD	WEATHERFORD
	3/1/2015	5,285.00	7.53	197.24	5,277.98	14.71	137.57	14.71	0.51	MWD	WEATHERFORD
	3/1/2015	5,379.00	7.83	203.78	5,371.14	10.31	149.31	10.31	0.98	MWD	WEATHERFORD
	3/1/2015	5,473.00	7.63	205.68	5,464.29	5.02	160.79	5.02	0.35	MWD	WEATHERFORD
	3/1/2015	5,568.00	7.50	207.10	5,558.46	0.54	172.00	0.54	0.24	MWD	WEATHERFORD
	3/1/2015	5,662.00	7.15	210.40	5,651.69	6.29	182.50	6.29	0.58	MWD	WEATHERFORD
	3/1/2015	5,757.00	6.99	210.19	5,745.97	12.19	192.60	12.19	0.17	MWD	WEATHERFORD
	3/1/2015	5,851.00	7.29	203.33	5,839.25	17.43	203.02	17.43	0.96	MWD	WEATHERFORD
	3/1/2015	5,945.00	7.20	204.20	5,932.49	22.21	213.87	22.21	0.15	MWD	WEATHERFORD

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Directional Survey

Well Name: BETELGEUSE 19 FEDERAL 8H

Sub-Division		Region		Field Name				County		State/Province	
DELAWARE BASIN		DELAWARE SLOPE EAST		HACKBERRY				EDDY		NM	
Surface Legal Location		API/UW		Latitude (°)		Longitude (°)		Orig KB Elevation (ft)		Ground Elev MSL (ft)	
Sec.20 T19S R31E		3001541900		32° 38' 41.396" N		103° 53' 55.068" W		3,435.00		3,409.00	
KB - GL (ft)										26.00	
Survey Data											
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Survey Tool	Survey Company	
3/1/2015	6,040.00	6.98	204.63	6,026.77	27.05	224.55	27.05	0.24	MWD	WEATHERFORD	
3/1/2015	6,134.00	6.90	206.27	6,120.08	31.93	234.80	31.93	0.23	MWD	WEATHERFORD	
3/1/2015	6,228.00	7.12	207.60	6,213.38	37.13	245.03	37.13	0.29	MWD	WEATHERFORD	
3/1/2015	6,322.00	7.25	199.74	6,306.64	41.83	255.77	41.83	1.05	MWD	WEATHERFORD	
3/1/2015	6,417.00	7.12	202.55	6,400.90	46.12	266.85	46.12	0.39	MWD	WEATHERFORD	
3/1/2015	6,512.00	7.59	204.10	6,495.11	50.93	278.02	50.93	0.54	MWD	WEATHERFORD	
3/1/2015	6,606.00	7.68	203.26	6,588.28	55.95	289.46	55.95	0.15	MWD	WEATHERFORD	
3/1/2015	6,700.00	7.55	204.34	6,681.45	60.98	300.85	60.98	0.21	MWD	WEATHERFORD	
3/1/2015	6,794.00	7.01	204.01	6,774.69	65.86	311.72	65.86	0.58	MWD	WEATHERFORD	
3/2/2015	6,888.00	6.41	203.37	6,868.05	70.27	321.78	70.27	0.64	MWD	WEATHERFORD	
3/2/2015	6,983.00	6.83	203.00	6,962.42	74.58	331.84	74.58	0.44	MWD	WEATHERFORD	
3/2/2015	7,077.00	6.89	207.94	7,055.74	79.41	341.97	79.41	0.63	MWD	WEATHERFORD	
3/2/2015	7,171.00	6.74	206.29	7,149.08	84.49	351.90	84.49	0.26	MWD	WEATHERFORD	
3/2/2015	7,266.00	6.24	211.44	7,243.47	89.65	361.30	89.65	0.81	MWD	WEATHERFORD	
3/2/2015	7,360.00	5.68	216.62	7,336.96	95.09	369.39	95.09	0.83	MWD	WEATHERFORD	
3/2/2015	7,415.00	5.81	214.16	7,391.69	98.28	373.88	98.28	0.51	MWD	WEATHERFORD	
3/3/2015	7,450.00	6.50	211.56	7,426.48	100.31	377.03	100.31	2.13	MWD	WEATHERFORD	
3/3/2015	7,482.00	7.80	213.67	7,458.24	102.46	380.38	102.46	4.14	MWD	WEATHERFORD	
3/3/2015	7,513.00	11.14	214.77	7,488.81	105.34	384.60	105.34	10.79	MWD	WEATHERFORD	
3/3/2015	7,544.00	14.15	215.08	7,519.05	109.23	390.16	109.23	9.71	MWD	WEATHERFORD	
3/3/2015	7,576.00	17.04	215.61	7,549.87	114.20	397.17	114.20	9.04	MWD	WEATHERFORD	
3/3/2015	7,607.00	20.46	216.78	7,579.22	120.09	405.21	120.09	11.10	MWD	WEATHERFORD	
3/3/2015	7,639.00	24.03	215.82	7,608.84	127.26	414.97	127.26	11.21	MWD	WEATHERFORD	
3/3/2015	7,670.00	27.42	216.61	7,636.76	135.21	425.82	135.21	10.99	MWD	WEATHERFORD	
3/3/2015	7,702.00	31.06	218.10	7,664.68	144.70	438.24	144.70	11.60	MWD	WEATHERFORD	
3/3/2015	7,733.00	33.77	217.19	7,690.85	154.85	451.40	154.85	8.88	MWD	WEATHERFORD	
3/3/2015	7,765.00	36.77	215.20	7,716.97	165.75	466.31	165.75	10.04	MWD	WEATHERFORD	
3/3/2015	7,797.00	39.62	212.72	7,742.12	176.79	482.73	176.79	10.11	MWD	WEATHERFORD	
3/3/2015	7,828.00	42.44	210.91	7,765.50	187.50	500.02	187.50	9.87	MWD	WEATHERFORD	
3/3/2015	7,860.00	45.61	209.39	7,788.51	198.66	519.25	198.66	10.44	MWD	WEATHERFORD	
3/3/2015	7,891.00	48.50	210.37	7,809.63	209.97	538.92	209.97	9.61	MWD	WEATHERFORD	
3/3/2015	7,923.00	51.30	211.27	7,830.24	222.52	559.94	222.52	9.01	MWD	WEATHERFORD	
3/3/2015	7,954.00	54.17	211.82	7,849.01	235.42	580.96	235.42	9.37	MWD	WEATHERFORD	
3/3/2015	7,986.00	56.07	213.23	7,867.30	249.54	603.09	249.54	6.95	MWD	WEATHERFORD	
3/4/2015	8,017.00	58.49	213.57	7,884.06	263.90	624.86	263.90	7.86	MWD	WEATHERFORD	
3/4/2015	8,049.00	61.72	213.35	7,900.01	279.19	648.01	279.19	10.11	MWD	WEATHERFORD	
3/4/2015	8,080.00	64.64	213.46	7,913.99	294.42	671.10	294.42	9.42	MWD	WEATHERFORD	
3/4/2015	8,111.00	67.75	213.55	7,926.50	310.07	694.75	310.07	10.04	MWD	WEATHERFORD	
3/4/2015	8,143.00	69.18	214.30	7,938.25	326.69	719.44	326.69	4.97	MWD	WEATHERFORD	
3/4/2015	8,174.00	71.27	215.08	7,948.74	343.29	743.43	343.29	7.15	MWD	WEATHERFORD	
3/4/2015	8,206.00	73.26	215.72	7,958.48	360.95	768.27	360.95	6.50	MWD	WEATHERFORD	
3/4/2015	8,237.00	75.79	216.70	7,966.76	378.59	792.37	378.59	8.71	MWD	WEATHERFORD	
3/4/2015	8,268.00	77.52	217.93	7,973.91	396.88	816.36	396.88	6.79	MWD	WEATHERFORD	
3/4/2015	8,300.00	78.88	221.04	7,980.46	416.79	840.53	416.79	10.42	MWD	WEATHERFORD	
3/4/2015	8,331.00	81.78	223.13	7,985.66	437.28	863.20	437.28	11.47	MWD	WEATHERFORD	
3/5/2015	8,350.00	83.63	223.00	7,988.08	450.14	876.97	450.14	9.76	MWD	WEATHERFORD	
3/5/2015	8,444.00	91.47	226.76	7,992.09	516.35	943.45	516.35	9.25	MWD	WEATHERFORD	
3/5/2015	8,539.00	92.17	229.98	7,989.07	587.32	1,006.52	587.32	3.47	MWD	WEATHERFORD	
3/5/2015	8,633.00	90.84	231.31	7,986.60	659.97	1,066.10	659.97	2.00	MWD	WEATHERFORD	
3/5/2015	8,728.00	89.65	231.06	7,986.20	733.99	1,125.65	733.99	1.28	MWD	WEATHERFORD	
3/6/2015	8,822.00	89.02	230.80	7,987.29	806.97	1,184.89	806.97	0.73	MWD	WEATHERFORD	
3/6/2015	8,917.00	89.51	231.43	7,988.51	880.91	1,244.52	880.91	0.84	MWD	WEATHERFORD	
3/6/2015	9,011.00	90.14	232.45	7,988.80	954.92	1,302.47	954.92	1.28	MWD	WEATHERFORD	
3/6/2015	9,105.00	90.07	233.65	7,988.62	1,030.04	1,358.97	1,030.04	1.28	MWD	WEATHERFORD	
3/6/2015	9,200.00	90.98	236.56	7,987.75	1,107.94	1,413.31	1,107.94	3.21	MWD	WEATHERFORD	
3/6/2015	9,295.00	91.33	240.19	7,985.84	1,188.81	1,463.11	1,188.81	3.84	MWD	WEATHERFORD	
3/6/2015	9,390.00	91.68	243.36	7,983.34	1,272.47	1,508.01	1,272.47	3.36	MWD	WEATHERFORD	
3/6/2015	9,484.00	91.19	246.27	7,980.99	1,357.50	1,548.00	1,357.50	3.14	MWD	WEATHERFORD	
3/6/2015	9,578.00	89.30	247.19	7,980.58	1,443.85	1,585.13	1,443.85	2.24	MWD	WEATHERFORD	
3/6/2015	9,672.00	89.02	248.74	7,981.96	1,530.97	1,620.39	1,530.97	1.68	MWD	WEATHERFORD	
3/6/2015	9,767.00	88.39	250.50	7,984.11	1,620.00	1,653.47	1,620.00	1.97	MWD	WEATHERFORD	
3/7/2015	9,861.00	87.90	251.22	7,987.15	1,708.75	1,684.27	1,708.75	0.93	MWD	WEATHERFORD	
3/7/2015	9,956.00	87.83	252.72	7,990.69	1,799.02	1,713.65	1,799.02	1.58	MWD	WEATHERFORD	
3/7/2015	10,050.00	87.62	254.70	7,994.42	1,889.17	1,740.00	1,889.17	2.12	MWD	WEATHERFORD	
3/7/2015	10,145.00	88.32	258.61	7,997.79	1,981.53	1,761.91	1,981.53	4.18	MWD	WEATHERFORD	
3/7/2015	10,239.00	89.79	261.89	7,999.34	2,074.14	1,777.82	2,074.14	3.82	MWD	WEATHERFORD	
3/7/2015	10,334.00	89.93	264.24	7,999.57	2,168.44	1,789.29	2,168.44	2.48	MWD	WEATHERFORD	
3/7/2015	10,428.00	89.16	266.92	8,000.32	2,262.15	1,796.53	2,262.15	2.97	MWD	WEATHERFORD	
3/7/2015	10,522.00	89.72	269.47	8,001.24	2,356.09	1,799.49	2,356.09	2.78	MWD	WEATHERFORD	
3/7/2015	10,617.00	89.86	271.08	8,001.59	2,451.09	1,799.04	2,451.09	1.70	MWD	WEATHERFORD	
3/8/2015	10,711.00	90.21	271.39	8,001.53	2,545.06	1,797.01	2,545.06	0.50	MWD	WEATHERFORD	
3/9/2015	10,806.00	90.56	271.52	8,000.89	2,640.03	1,794.60	2,640.03	0.39	MWD	WEATHERFORD	
3/9/2015	10,900.00	90.56	271.00	7,999.97	2,734.00	1,792.53	2,734.00	0.55	MWD	WEATHERFORD	
3/9/2015	10,994.00	90.77	271.04	7,998.88	2,827.98	1,790.86	2,827.98	0.23	MWD	WEATHERFORD	
3/10/2015	11,098.00	90.91	270.62	7,997.36	2,931.96	1,789.35	2,931.96	0.43	MWD	WEATHERFORD	
3/10/2015	11,193.00	91.19	270.25	7,995.62	3,026.94	1,788.63	3,026.94	0.49	MWD	WEATHERFORD	
3/10/2015	11,287.00	90.63	271.10	7,994.12	3,120.92	1,787.52	3,120.92	1.08	MWD	WEATHERFORD	



Directional Survey

Well Name: BETELGEUSE 19 FEDERAL 8H

Sub-Division	Region	Field Name	County	State/Province		
DELAWARE BASIN	DELAWARE SLOPE EAST	HACKBERRY	EDDY	NM		
Surface Legal Location	API/UWI	Latitude (°)	Longitude (°)	Orig KB Elevation (ft)	Ground Elev MSL (ft)	KB - GL (ft)
Sec 20 T19S R31E	3001641900	32° 38' 41.396" N	103° 53' 55.068" W	3,435.00	3,409.00	26.00

Survey Data										
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (?/100ft)	Survey Tool	Survey Company
3/10/2015	11,381.00	90.14	272.09	7,993.49	3,214.88	-1,784.91	3,214.88	1.18	MWD	WEATHERFORD
3/10/2015	11,475.00	90.21	271.70	7,993.20	3,308.83	-1,781.80	3,308.83	0.42	MWD	WEATHERFORD
3/10/2015	11,570.00	90.28	271.50	7,992.80	3,403.79	-1,779.15	3,403.79	0.22	MWD	WEATHERFORD
3/10/2015	11,664.00	90.63	271.61	7,992.05	3,497.75	-1,776.60	3,497.75	0.39	MWD	WEATHERFORD
3/10/2015	11,758.00	90.84	271.33	7,990.85	3,591.72	-1,774.19	3,591.72	0.37	MWD	WEATHERFORD
3/10/2015	11,853.00	90.98	271.07	7,989.34	3,686.68	-1,772.20	3,686.68	0.31	MWD	WEATHERFORD
3/10/2015	11,947.00	91.47	270.76	7,987.33	3,780.65	-1,770.70	3,780.65	0.62	MWD	WEATHERFORD
3/10/2015	12,041.00	91.96	270.95	7,984.51	3,874.60	-1,769.29	3,874.60	0.56	MWD	WEATHERFORD
3/11/2015	12,136.00	91.68	271.65	7,981.50	3,969.52	-1,767.14	3,969.52	0.79	MWD	WEATHERFORD
3/11/2015	12,230.00	91.19	271.95	7,979.14	4,063.45	-1,764.19	4,063.45	0.61	MWD	WEATHERFORD
3/11/2015	12,324.00	91.47	272.10	7,976.96	4,157.36	-1,760.87	4,157.36	0.34	MWD	WEATHERFORD
3/11/2015	12,419.00	90.84	271.33	7,975.05	4,252.30	-1,758.02	4,252.30	1.05	MWD	WEATHERFORD
3/11/2015	12,513.00	90.63	270.95	7,973.84	4,346.27	-1,756.15	4,346.27	0.46	MWD	WEATHERFORD
3/11/2015	12,608.00	90.91	270.96	7,972.56	4,441.25	-1,754.57	4,441.25	0.29	MWD	WEATHERFORD
3/11/2015	12,702.00	91.12	270.40	7,970.90	4,535.23	-1,753.46	4,535.23	0.64	MWD	WEATHERFORD
3/11/2015	12,797.00	91.76	270.40	7,968.51	4,630.20	-1,752.79	4,630.20	0.67	MWD	WEATHERFORD
3/11/2015	12,891.00	92.24	270.10	7,965.23	4,724.14	-1,752.38	4,724.14	0.60	MWD	WEATHERFORD
3/11/2015	12,986.00	92.69	270.39	7,961.14	4,819.05	-1,751.98	4,819.05	0.56	MWD	WEATHERFORD
3/11/2015	13,080.00	93.43	270.36	7,956.13	4,912.91	-1,751.36	4,912.91	0.79	MWD	WEATHERFORD
3/11/2015	13,174.00	94.20	270.05	7,949.87	5,006.70	-1,751.03	5,006.70	0.88	MWD	WEATHERFORD
3/12/2015	13,288.00	94.41	270.42	7,941.32	5,120.38	-1,750.56	5,120.38	0.37	MWD	WEATHERFORD
3/12/2015	13,378.00	94.41	270.10	7,934.39	5,210.11	-1,750.15	5,210.11	0.35	BIT	WEATHERFORD