

Well Name: GAUCHO UNIT 17H

Sub-Division DELAWARE BASIN EAST		Region BASIN EAST		Field Name OJO CHISO		County DELAWARE		State/Province NM						
Surface Legal Location SEC 19 22S 34E		API/UVI 3002541854		Latitude (") 32° 22' 13.249" N		Longitude (") 103° 30' 9.306" W		Orig KB Elevation (ft) 3,470.00		Ground Elev MSL (ft) 3,445.00		KB - GL (ft) 25.00		
Wellbores														
Wellbore Name OH		Parent Wellbore OH			SAP Well ID 38682			Vertical Section Direction (") 356.46						
Kick Offs & Key Depths														
Date 8/19/2015				Type CURVE				Top Depth (ftKB) 10,032.0						
Actual Deviation Survey EXTREME/MWD, Proposed? No				Definitive? No		Proposed? No		Proposed Deviation Survey						
Deviation Survey														
Date 8/2/2015		Description EXTREME/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				
8/2/2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD	EXTREME				
8/2/2015	162.00	0.79	266.08	161.99	-0.01	-0.08	-1.11	0.49	MWD	EXTREME				
8/2/2015	222.00	0.88	247.27	221.99	-0.16	-0.28	-1.95	0.48	MWD	EXTREME				
8/2/2015	382.00	0.70	252.90	381.97	-0.79	-1.04	-4.02	0.12	MWD	EXTREME				
8/2/2015	473.00	0.48	209.87	472.97	-1.24	-1.54	-4.74	0.53	MWD	EXTREME				
8/2/2015	564.00	0.70	253.99	563.96	-1.68	-2.02	-5.46	0.54	MWD	EXTREME				
8/2/2015	651.00	1.32	271.88	650.95	-1.70	-2.14	-6.98	0.79	MWD	EXTREME				
8/2/2015	748.00	1.41	291.79	747.92	-1.09	-1.66	-9.20	0.50	MWD	EXTREME				
8/2/2015	842.00	1.58	316.40	841.89	0.40	-0.29	-11.17	0.70	MWD	EXTREME				
8/2/2015	1,035.00	2.11	354.19	1,034.80	5.99	5.17	-13.36	0.67	MWD	EXTREME				
8/2/2015	1,127.00	2.29	359.60	1,126.73	9.52	8.70	-13.55	0.30	MWD	EXTREME				
8/2/2015	1,279.00	2.59	15.59	1,278.59	15.79	15.04	-12.65	0.49	MWD	EXTREME				
8/2/2015	1,316.00	3.30	20.60	1,315.55	17.55	16.84	-12.05	2.04	MWD	EXTREME				
8/2/2015	1,410.00	3.69	22.18	1,409.37	22.75	22.18	-9.95	0.43	MWD	EXTREME				
8/2/2015	1,499.00	3.52	22.89	1,498.19	27.78	27.35	-7.81	0.20	MWD	EXTREME				
8/2/2015	1,595.00	3.52	22.27	1,594.01	33.07	32.79	-5.55	0.04	MWD	EXTREME				
8/2/2015	1,689.00	3.12	22.89	1,687.86	37.96	37.81	-3.46	0.43	MWD	EXTREME				
8/2/2015	1,759.00	2.68	20.07	1,757.77	41.16	41.11	-2.16	0.66	MWD	EXTREME				
8/2/2015	1,938.00	2.59	23.90	1,936.58	48.59	48.73	0.92	0.11	MWD	EXTREME				
8/2/2015	2,032.00	0.88	32.29	2,030.53	51.06	51.29	2.17	1.83	MWD	EXTREME				
8/2/2015	2,126.00	0.62	25.17	2,124.52	52.09	52.36	2.77	0.29	MWD	EXTREME				
8/2/2015	2,221.00	0.40	61.69	2,219.52	52.68	52.98	3.28	0.40	MWD	EXTREME				
8/2/2015	2,315.00	1.01	47.41	2,313.51	53.34	53.70	4.18	0.67	MWD	EXTREME				
8/2/2015	2,409.00	1.19	57.08	2,407.49	54.34	54.79	5.61	0.27	MWD	EXTREME				
8/2/2015	2,504.00	0.31	323.47	2,502.49	55.04	55.53	6.28	1.31	MWD	EXTREME				
8/2/2015	2,598.00	0.22	283.48	2,596.49	55.30	55.78	5.95	0.21	MWD	EXTREME				
8/2/2015	2,693.00	0.70	271.88	2,691.48	55.41	55.84	5.20	0.51	MWD	EXTREME				
8/2/2015	2,787.00	0.88	284.01	2,785.47	55.68	56.03	3.92	0.26	MWD	EXTREME				
8/2/2015	2,882.00	1.49	240.50	2,880.45	55.36	55.60	2.14	1.10	MWD	EXTREME				
8/2/2015	2,976.00	3.12	232.77	2,974.38	53.41	53.45	-0.96	1.76	MWD	EXTREME				
8/2/2015	3,071.00	4.79	232.77	3,069.15	49.77	49.49	-6.18	1.76	MWD	EXTREME				
8/2/2015	3,165.00	5.32	242.31	3,162.78	45.81	45.09	-13.16	1.06	MWD	EXTREME				
8/2/2015	3,260.00	7.29	246.08	3,257.20	41.91	40.60	-22.57	2.12	MWD	EXTREME				
8/2/2015	3,354.00	9.49	255.71	3,350.20	38.39	36.26	-35.53	2.77	MWD	EXTREME				
8/2/2015	3,448.00	10.99	260.59	3,442.70	36.03	32.89	-51.88	1.84	MWD	EXTREME				
8/2/2015	3,543.00	10.20	261.99	3,536.08	34.45	30.23	-69.15	0.87	MWD	EXTREME				
8/2/2015	3,637.00	9.32	260.67	3,628.72	33.03	27.84	-84.90	0.97	MWD	EXTREME				
8/2/2015	3,732.00	10.59	262.08	3,722.28	31.59	25.39	-101.14	1.36	MWD	EXTREME				
8/2/2015	3,826.00	10.81	264.59	3,814.65	30.64	23.37	-118.47	0.55	MWD	EXTREME				
8/2/2015	3,920.00	9.80	262.39	3,907.13	29.78	21.48	-135.18	1.15	MWD	EXTREME				
8/2/2015	4,014.00	10.59	265.20	3,999.65	29.03	19.70	-151.71	0.99	MWD	EXTREME				
8/2/2015	4,109.00	11.12	261.29	4,092.95	28.01	17.58	-169.47	0.95	MWD	EXTREME				
8/2/2015	4,203.00	10.28	258.87	4,185.31	26.08	14.59	-186.66	1.01	MWD	EXTREME				
8/2/2015	4,298.00	11.69	258.87	4,278.57	23.69	11.09	-204.42	1.48	MWD	EXTREME				
8/2/2015	4,392.00	12.08	257.91	4,370.56	20.97	7.19	-223.38	0.47	MWD	EXTREME				
8/2/2015	4,487.00	10.81	263.57	4,463.67	19.05	4.11	-241.96	1.78	MWD	EXTREME				
8/2/2015	4,581.00	10.28	266.57	4,556.08	18.62	2.62	-259.09	0.81	MWD	EXTREME				
8/2/2015	4,676.00	9.49	266.87	4,649.67	18.69	1.69	-275.37	0.83	MWD	EXTREME				
8/2/2015	4,770.00	9.10	267.49	4,742.44	18.88	0.94	-290.53	0.43	MWD	EXTREME				
8/2/2015	4,865.00	8.61	261.07	4,836.31	18.35	-0.49	-305.06	1.16	MWD	EXTREME				
8/2/2015	4,959.00	8.70	263.18	4,929.24	17.28	-2.43	-319.07	0.35	MWD	EXTREME				
8/2/2015	5,019.00	7.69	260.10	4,988.62	16.57	-3.66	-327.53	1.83	MWD	EXTREME				
8/2/2015	5,128.00	8.60	260.19	5,096.52	14.88	-6.30	-342.75	0.83	MWD	WEATHERFOR				
8/2/2015	5,191.00	9.20	261.19	5,158.76	13.90	-7.87	-352.37	0.98	MWD	WEATHERFORD				
8/2/2015	5,285.00	10.29	261.57	5,251.41	12.49	-10.26	-368.10	1.16	MWD	WEATHERFORD				
8/2/2015	5,380.00	10.56	260.28	5,344.84	10.83	-12.97	-385.07	0.38	MWD	WEATHERFORD				
8/2/2015	5,474.00	9.95	260.57	5,437.33	9.07	-15.75	-401.57	0.65	MWD	WEATHERFORD				
8/2/2015	5,569.00	9.10	260.39	5,531.02	7.43	-18.35	-417.08	0.90	MWD	WEATHERFORD				
8/2/2015	5,663.00	9.96	259.37	5,623.73	5.65	-21.09	-432.40	0.93	MWD	WEATHERFORD				
8/2/2015	5,758.00	10.83	257.70	5,717.17	3.27	-24.51	-449.19	0.97	MWD	WEATHERFORD				
8/2/2015	5,852.00	10.67	260.32	5,809.52	1.00	-27.86	-466.40	0.55	MWD	WEATHERFORD				
8/2/2015	5,947.00	10.29	260.17	5,902.93	-0.87	-30.78	-483.43	0.40	MWD	WEATHERFORD				
8/2/2015	6,041.00	9.98	259.01	5,995.47	-2.85	-33.77	-499.70	0.39	MWD	WEATHERFORD				
8/2/2015	6,136.00	9.58	257.72	6,089.08	-5.12	-37.02	-515.50	0.48	MWD	WEATHERFORD				
8/2/2015	6,230.00	10.64	259.10	6,181.62	-7.42	-40.32	-531.67	1.16	MWD	WEATHERFORD				
8/2/2015	6,325.00	11.11	258.98	6,274.92	-9.73	-43.73	-549.26	0.50	MWD	WEATHERFORD				
Page 1/3														
NOV 30 2015														
Report Printed: 11/18/2015														



Directional Survey

Well Name: GAUCHO UNIT 17H

Sub-Division DELAWARE BASIN EAST		Region BASIN EAST		Field Name OJO CHISO			County LEA		State/Province NM			
Surface Legal Location SEC 19 22S 34E		AP/VWV 3002641854		Latitude (") 32° 22' 13.249" N		Longitude (") 103° 30' 9.306" W		Orig KB Elevation (ft) 3,470.00		Ground Elev MSL (ft) 3,445.00		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		
8/2/2015	6,419.00	10.57	259.38	6,367.24	-11.98	-47.05	-566.63	0.58	MWD	WEATHERFORD		
8/2/2015	6,514.00	10.13	258.71	6,460.69	-14.18	-50.29	-583.38	0.48	MWD	WEATHERFORD		
8/2/2015	6,609.00	10.76	264.11	6,554.12	-15.67	-52.84	-600.40	1.22	MWD	WEATHERFORD		
8/2/2015	6,703.00	11.08	265.44	6,646.42	-16.19	-54.46	-618.13	0.43	MWD	WEATHERFORD		
8/2/2015	6,797.00	10.48	265.12	6,738.76	-16.55	-55.90	-635.65	0.64	MWD	WEATHERFORD		
8/2/2015	6,892.00	10.46	265.46	6,832.18	-16.90	-57.32	-652.86	0.07	MWD	WEATHERFORD		
8/2/2015	6,986.00	10.19	264.39	6,924.66	-17.35	-58.81	-669.64	0.35	MWD	WEATHERFORD		
8/2/2015	7,080.00	9.73	264.90	7,017.24	-17.87	-60.33	-685.83	0.50	MWD	WEATHERFORD		
8/2/2015	7,175.00	8.61	264.94	7,111.02	-18.27	-61.67	-700.91	1.18	MWD	WEATHERFORD		
8/2/2015	7,269.00	8.89	264.79	7,203.93	-18.67	-62.95	-715.15	0.30	MWD	WEATHERFORD		
8/2/2015	7,364.00	10.17	264.64	7,297.62	-19.15	-64.40	-730.81	1.35	MWD	WEATHERFORD		
8/2/2015	7,458.00	10.04	264.49	7,390.16	-19.70	-65.96	-747.23	0.14	MWD	WEATHERFORD		
8/2/2015	7,553.00	9.49	264.64	7,483.78	-20.23	-67.49	-763.27	0.58	MWD	WEATHERFORD		
8/2/2015	7,647.00	9.42	259.48	7,576.51	-21.41	-69.62	-778.55	0.90	MWD	WEATHERFORD		
8/2/2015	7,741.00	10.58	256.18	7,669.08	-23.89	-73.08	-794.49	1.38	MWD	WEATHERFORD		
8/2/2015	7,836.00	9.82	256.52	7,762.58	-26.84	-77.05	-810.84	0.80	MWD	WEATHERFORD		
8/2/2015	7,930.00	9.64	259.87	7,855.22	-29.13	-80.31	-826.38	0.63	MWD	WEATHERFORD		
8/2/2015	8,025.00	11.17	261.03	7,948.66	-30.91	-83.14	-843.30	1.63	MWD	WEATHERFORD		
8/2/2015	8,119.00	11.51	261.14	8,040.82	-32.64	-86.00	-861.56	0.36	MWD	WEATHERFORD		
8/2/2015	8,214.00	10.26	260.38	8,134.11	-34.42	-88.88	-879.27	1.32	MWD	WEATHERFORD		
8/2/2015	8,308.00	11.22	261.92	8,226.47	-36.03	-91.56	-896.58	1.07	MWD	WEATHERFORD		
8/2/2015	8,403.00	10.45	261.75	8,319.77	-37.47	-94.10	-914.25	0.81	MWD	WEATHERFORD		
8/2/2015	8,497.00	9.24	261.83	8,412.39	-38.78	-96.39	-930.16	1.29	MWD	WEATHERFORD		
8/2/2015	8,592.00	9.55	261.80	8,506.11	-40.03	-98.60	-945.51	0.33	MWD	WEATHERFORD		
8/2/2015	8,686.00	9.15	260.77	8,598.86	-41.41	-100.91	-960.61	0.46	MWD	WEATHERFORD		
8/2/2015	8,781.00	7.90	258.35	8,692.81	-43.08	-103.44	-974.46	1.37	MWD	WEATHERFORD		
8/2/2015	8,875.00	7.98	258.77	8,785.91	-44.86	-106.02	-987.18	0.11	MWD	WEATHERFORD		
8/2/2015	8,969.00	10.20	260.40	8,878.72	-46.61	-108.68	-1,001.79	2.38	MWD	WEATHERFORD		
8/2/2015	9,064.00	9.55	259.65	8,972.32	-48.44	-111.50	-1,017.84	0.70	MWD	WEATHERFORD		
8/2/2015	9,158.00	8.21	257.69	9,065.19	-50.38	-114.33	-1,032.07	1.46	MWD	WEATHERFORD		
8/2/2015	9,253.00	8.55	260.04	9,159.17	-52.21	-117.00	-1,045.65	0.51	MWD	WEATHERFORD		
8/2/2015	9,347.00	9.34	260.35	9,252.03	-53.80	-119.48	-1,060.05	0.84	MWD	WEATHERFORD		
8/2/2015	9,441.00	11.10	258.83	9,344.53	-55.82	-122.51	-1,076.45	1.89	MWD	WEATHERFORD		
8/2/2015	9,536.00	11.38	258.04	9,437.71	-58.40	-126.23	-1,094.59	0.34	MWD	WEATHERFORD		
8/2/2015	9,630.00	10.53	257.73	9,530.00	-61.06	-129.98	-1,112.06	0.91	MWD	WEATHERFORD		
8/2/2015	9,724.00	9.63	257.99	9,622.55	-63.53	-133.44	-1,128.14	0.96	MWD	WEATHERFORD		
8/18/2015	9,818.00	9.63	263.86	9,715.22	-65.04	-135.91	-1,143.65	1.04	MWD	WEATHERFORD		
8/19/2015	9,913.00	8.25	265.21	9,809.07	-65.55	-137.33	-1,158.34	1.47	MWD	WEATHERFORD		
8/19/2015	10,007.00	7.40	264.07	9,902.19	-65.95	-138.52	-1,171.08	0.92	MWD	WEATHERFORD		
8/20/2015	10,039.00	7.16	274.76	9,933.93	-65.75	-138.57	-1,175.12	4.29	MWD	WEATHERFORD		
8/20/2015	10,070.00	8.61	290.76	9,964.64	-64.51	-137.59	-1,179.22	8.44	MWD	WEATHERFORD		
8/20/2015	10,102.00	10.82	297.43	9,996.18	-61.98	-135.35	-1,184.12	7.74	MWD	WEATHERFORD		
8/20/2015	10,133.00	13.70	301.29	10,026.47	-58.39	-132.11	-1,189.84	9.65	MWD	WEATHERFORD		
8/20/2015	10,165.00	16.47	303.40	10,057.37	-53.49	-127.64	-1,196.87	8.82	MWD	WEATHERFORD		
8/20/2015	10,196.00	19.00	305.75	10,086.89	-47.66	-122.27	-1,204.64	8.48	MWD	WEATHERFORD		
8/21/2015	10,228.00	21.21	307.45	10,116.94	-40.56	-115.71	-1,213.46	7.14	MWD	WEATHERFORD		
8/21/2015	10,259.00	23.70	308.78	10,145.59	-32.69	-108.39	-1,222.77	8.20	MWD	WEATHERFORD		
8/21/2015	10,291.00	27.30	312.33	10,174.47	-23.09	-99.42	-1,233.21	12.22	MWD	WEATHERFORD		
8/21/2015	10,322.00	32.24	317.20	10,201.37	-11.57	-88.56	-1,244.10	17.73	MWD	WEATHERFORD		
8/21/2015	10,354.00	36.37	322.17	10,227.81	2.88	-74.79	-1,255.72	15.59	MWD	WEATHERFORD		
8/21/2015	10,385.00	40.10	325.98	10,252.16	19.09	-59.25	-1,266.95	14.23	MWD	WEATHERFORD		
8/21/2015	10,417.00	42.46	329.46	10,276.21	37.60	-41.40	-1,278.21	10.29	MWD	WEATHERFORD		
8/21/2015	10,448.00	44.76	334.24	10,298.66	57.04	-22.55	-1,288.27	12.96	MWD	WEATHERFORD		
8/21/2015	10,480.00	47.70	337.46	10,320.79	78.66	-1.47	-1,297.71	11.71	MWD	WEATHERFORD		
8/21/2015	10,511.00	52.61	340.29	10,340.65	101.35	20.73	-1,306.26	17.32	MWD	WEATHERFORD		
8/21/2015	10,543.00	57.45	343.93	10,358.99	126.74	45.68	-1,314.29	17.76	MWD	WEATHERFORD		
8/21/2015	10,574.00	61.67	347.87	10,374.70	153.01	71.59	-1,320.78	17.47	MWD	WEATHERFORD		
8/22/2015	10,606.00	67.20	349.96	10,388.50	181.61	99.91	-1,326.31	18.26	MWD	WEATHERFORD		
8/22/2015	10,637.00	72.51	351.84	10,399.18	210.57	128.64	-1,330.91	18.05	MWD	WEATHERFORD		
8/22/2015	10,669.00	77.22	353.85	10,407.53	241.39	159.28	-1,334.75	15.92	MWD	WEATHERFORD		
8/22/2015	10,700.00	80.23	355.01	10,413.59	271.77	189.53	-1,337.08	10.38	MWD	WEATHERFORD		
8/22/2015	10,732.00	82.14	356.33	10,418.49	303.38	221.06	-1,340.08	7.23	MWD	WEATHERFORD		
8/23/2015	10,757.00	84.12	357.13	10,421.48	328.20	245.84	-1,341.50	8.53	MWD	WEATHERFORD		
8/23/2015	10,788.00	86.57	358.08	10,424.00	359.09	276.71	-1,342.79	8.47	MWD	WEATHERFORD		
8/23/2015	10,883.00	88.18	358.64	10,428.35	453.93	371.56	-1,345.50	1.79	MWD	WEATHERFORD		
8/23/2015	10,978.00	89.72	358.89	10,430.09	548.84	466.52	-1,347.55	1.64	MWD	WEATHERFORD		
8/23/2015	11,072.00	89.72	359.46	10,430.55	642.73	560.51	-1,348.90	0.61	MWD	WEATHERFORD		
8/23/2015	11,166.00	89.93	359.86	10,430.84	736.58	654.51	-1,349.46	0.48	MWD	WEATHERFORD		
8/23/2015	11,261.00	90.35	0.51	10,430.61	831.38	749.51	-1,349.15	0.81	MWD	WEATHERFORD		
8/23/2015	11,355.00	90.77	0.78	10,429.69	925.13	843.50	-1,348.10	0.53	MWD	WEATHERFORD		
8/23/2015	11,450.00	92.10	1.22	10,427.31	1,019.80	938.45	-1,346.44	1.47	MWD	WEATHERFORD		
8/23/2015	11,544.00	90.98	1.06	10,424.78	1,113.45	1,032.40	-1,344.57	1.20	MWD	WEATHERFORD		
8/23/2015	11,639.00	91.82	1.22	10,422.46	1,208.10	1,127.35	-1,342.68	0.90	MWD	WEATHERFORD		
8/24/2015	11,734.00	90.14	0.29	10,420.84	1,302.82	1,222.32	-1,341.43	2.02	MWD	WEATHERFORD		
8/24/2015	11,828.00	89.86	357.87	10,420.84	1,396.71	1,316.30	-1,342.94	2.59	MWD	WEATHERFORD		
8/24/2015	11,922.00	90.63	357.17	10,420.43	1,490.69	1,410.21	-1,347.01	1.11	MWD	WEATHERFORD		
8/24/2015	12,017.00	90.42	356.71	10,419.56	1,585.69	1,505.07	-1,352.08	0.53	MWD	WEATHERFORD		
Page 2/3												
Report Printed: 11/18/2015												



Directional Survey

Well Name: GAUCHO UNIT 17H

Sub-Division DELAWARE BASIN EAST	Region BASIN EAST	Field Name OJO CHISO	County LEA	State/Province NM
Surface Legal Location SEC 19 22S 34E	API/WVI 3002541854	Latitude (") 32° 22' 13.249" N	Longitude (") 103° 30' 9.306" W	Orig KB Elevation (ft) 3,470.00
				Ground Elev MSL (ft) 3,445.00
				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
8/24/2015	12,111.00	89.02	356.40	10,420.02	1,679.68	1,598.90	-1,357.73	1.53	MWD	WEATHERFORD
8/24/2015	12,206.00	87.69	355.73	10,422.75	1,774.64	1,693.63	-1,364.24	1.57	MWD	WEATHERFORD
8/24/2015	12,300.00	88.11	355.84	10,426.19	1,868.57	1,787.32	-1,371.15	0.46	MWD	WEATHERFORD
8/24/2015	12,394.00	88.67	355.89	10,428.84	1,962.53	1,881.04	-1,377.92	0.60	MWD	WEATHERFORD
8/24/2015	12,489.00	87.27	355.21	10,432.20	2,057.45	1,975.69	-1,385.29	1.64	MWD	WEATHERFORD
8/24/2015	12,583.00	85.66	354.27	10,438.00	2,151.23	2,069.11	-1,393.89	1.98	MWD	WEATHERFORD
8/24/2015	12,678.00	86.43	354.49	10,444.55	2,245.94	2,163.43	-1,403.17	0.84	MWD	WEATHERFORD
8/24/2015	12,772.00	87.69	354.32	10,449.37	2,339.75	2,256.85	-1,412.32	1.35	MWD	WEATHERFORD
8/24/2015	12,867.00	86.99	354.46	10,453.78	2,434.59	2,351.30	-1,421.60	0.75	MWD	WEATHERFORD
8/25/2015	12,961.00	85.45	355.41	10,459.98	2,528.34	2,444.72	-1,429.88	1.92	MWD	WEATHERFORD
8/25/2015	13,055.00	85.80	355.81	10,467.15	2,622.06	2,538.17	-1,437.05	0.56	MWD	WEATHERFORD
8/25/2015	13,150.00	84.82	356.34	10,474.91	2,716.74	2,632.63	-1,443.53	1.17	MWD	WEATHERFORD
8/25/2015	13,244.00	84.81	356.02	10,483.41	2,810.35	2,726.04	-1,449.77	0.34	MWD	WEATHERFORD
8/25/2015	13,339.00	86.43	355.74	10,490.66	2,905.07	2,820.51	-1,456.58	1.73	MWD	WEATHERFORD
8/25/2015	13,433.00	86.50	355.30	10,496.46	2,998.87	2,914.05	-1,463.90	0.47	MWD	WEATHERFORD
8/25/2015	13,528.00	86.36	355.26	10,502.38	3,093.67	3,008.54	-1,471.71	0.15	MWD	WEATHERFORD
8/25/2015	13,622.00	87.13	355.90	10,507.71	3,187.51	3,102.11	-1,478.94	1.06	MWD	WEATHERFORD
8/25/2015	13,717.00	86.78	355.53	10,512.76	3,282.36	3,196.71	-1,486.03	0.54	MWD	WEATHERFORD
8/25/2015	13,811.00	86.29	355.05	10,518.44	3,376.17	3,290.22	-1,493.73	0.73	MWD	WEATHERFORD
8/25/2015	13,906.00	87.06	354.39	10,523.95	3,470.97	3,384.66	-1,502.46	1.07	MWD	WEATHERFORD
8/26/2015	14,000.00	88.46	354.23	10,527.62	3,564.83	3,478.12	-1,511.77	1.50	MWD	WEATHERFORD
8/26/2015	14,094.00	88.11	353.92	10,530.44	3,658.70	3,571.57	-1,521.47	0.50	MWD	WEATHERFORD
8/26/2015	14,189.00	88.32	354.15	10,533.40	3,753.57	3,666.01	-1,531.34	0.33	MWD	WEATHERFORD
8/26/2015	14,283.00	89.30	356.65	10,535.35	3,847.53	3,759.68	-1,538.87	2.86	MWD	WEATHERFORD
8/26/2015	14,378.00	87.76	357.68	10,537.79	3,942.48	3,854.53	-1,543.57	1.95	MWD	WEATHERFORD
8/26/2015	14,472.00	88.18	358.55	10,541.12	4,036.39	3,948.42	-1,546.66	1.03	MWD	WEATHERFORD
8/26/2015	14,566.00	88.60	359.16	10,543.76	4,130.27	4,042.36	-1,548.54	0.79	MWD	WEATHERFORD
8/26/2015	14,661.00	87.13	359.37	10,547.30	4,225.08	4,137.29	-1,549.76	1.56	MWD	WEATHERFORD
8/26/2015	14,755.00	85.80	357.77	10,553.09	4,318.84	4,231.07	-1,552.10	2.21	MWD	WEATHERFORD
8/26/2015	14,849.00	86.08	357.89	10,559.75	4,412.57	4,324.77	-1,555.65	0.32	MWD	WEATHERFORD
8/26/2015	14,944.00	86.57	358.24	10,565.84	4,507.34	4,419.52	-1,558.85	0.63	MWD	WEATHERFORD
8/27/2015	15,038.00	86.99	358.90	10,571.12	4,601.13	4,513.34	-1,561.19	0.83	MWD	WEATHERFORD
8/27/2015	15,132.00	87.41	359.43	10,575.71	4,694.91	4,607.22	-1,562.56	0.72	MWD	WEATHERFORD
8/27/2015	15,190.00	87.20	359.67	10,578.44	4,752.76	4,665.15	-1,563.01	0.55	MWD	WEATHERFORD
8/27/2015	15,260.00	87.20	359.67	10,581.86	4,822.57	4,735.07	-1,563.42	0.00	BIT	WEATHERFORD