



Directional Survey

Well Name: BURTON FLAT DEEP UNIT 61H

Sub-Division DELAWARE BASIN WEST		Region SLOPE WEST		Field Name BURTON FLAT			County EDDY		State/Province NM						
Surface Legal Location SEC. 2 T21S R27E		AP/WJM 3001543136		Latitude (°) 32° 30' 27.118" N		Longitude (°) 104° 10' 5.137" W		Orig KB Elevation (ft) 3,236.80		Ground Elev MSL (ft) 3,211.80		KB - GL (ft) 25.00			
Wellbores OH		Parent Wellbore				SAP Well ID 38525			Vertical Section Direction (°) 270.98						
Kick Offs & Key Depths															
Date 6/7/2015					Type CURVE					Top Depth (ftKB) 6,860.0					
Actual Deviation Survey VES GYRO SURVEY, Proposed? No					Definitive? No		Proposed? No		Proposed Deviation Survey						
Deviation Survey															
Date 5/30/2015				Description VES GYRO SURVEY											
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					
5/30/2015	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	GYRO	VAUHGN ENERGY SERVICES					
5/30/2015	39.60	0.19	140.05	39.60	-0.04	-0.05	0.04	0.48	GYRO	VAUHGN ENERGY SERVICES					
5/30/2015	134.28	0.53	137.42	134.28	-0.45	-0.49	0.44	0.36	GYRO	VAUHGN ENERGY SERVICES					
5/30/2015	228.96	1.29	134.69	228.95	-1.52	-1.57	1.49	0.80	GYRO	VAUHGN ENERGY SERVICES					
5/30/2015	323.64	2.16	143.45	323.58	-3.38	-3.75	3.31	0.96	GYRO	VAUHGN ENERGY SERVICES					
5/30/2015	418.32	2.48	142.04	418.18	-5.75	-6.80	5.64	0.34	GYRO	VAUHGN ENERGY SERVICES					
5/30/2015	513.00	2.19	152.44	512.79	-7.90	-10.02	7.73	0.54	GYRO	VAUHGN ENERGY SERVICES					
5/30/2015	607.68	1.96	152.67	607.40	-9.54	-13.06	9.31	0.24	GYRO	VAUHGN ENERGY SERVICES					
5/30/2015	702.36	1.71	157.09	702.03	-10.88	-15.80	10.61	0.30	GYRO	VAUHGN ENERGY SERVICES					
6/1/2015	811.00	1.49	159.94	810.63	-12.04	-18.62	11.72	0.22	MWD	EXTREME					
6/2/2015	905.00	1.58	166.27	904.60	-12.81	-21.02	12.45	0.20	MWD	EXTREME					
6/2/2015	999.00	1.01	168.64	998.57	-13.31	-23.09	12.92	0.61	MWD	EXTREME					
6/2/2015	1,093.00	1.10	189.03	1,092.56	-13.36	-24.80	12.94	0.41	MWD	EXTREME					
6/2/2015	1,187.00	0.48	166.66	1,186.55	-13.33	-26.07	12.89	0.72	MWD	EXTREME					
6/2/2015	1,283.00	0.22	189.16	1,282.55	-13.41	-26.65	12.95	0.30	MWD	EXTREME					
6/2/2015	1,376.00	0.62	190.97	1,375.55	-13.30	-27.32	12.83	0.43	MWD	EXTREME					
6/2/2015	1,466.00	0.48	177.03	1,465.54	-13.24	-28.17	12.76	0.21	MWD	EXTREME					
6/2/2015	1,566.00	0.40	206.65	1,565.54	-13.11	-28.90	12.62	0.24	MWD	EXTREME					
6/2/2015	1,657.00	0.62	213.86	1,656.53	-12.71	-29.59	12.21	0.25	MWD	EXTREME					
6/2/2015	1,749.00	0.70	190.44	1,748.53	-12.35	-30.56	11.83	0.30	MWD	EXTREME					
6/2/2015	1,845.00	0.88	184.24	1,844.52	-12.21	-31.87	11.67	0.21	MWD	EXTREME					
6/2/2015	1,939.00	1.10	186.57	1,938.51	-12.08	-33.49	11.51	0.24	MWD	EXTREME					
6/2/2015	2,033.00	0.88	168.64	2,032.49	-12.15	-35.09	11.55	0.40	MWD	EXTREME					
6/2/2015	2,127.00	1.01	169.96	2,126.48	-12.46	-36.62	11.83	0.14	MWD	EXTREME					
6/2/2015	2,217.00	1.10	183.85	2,216.46	-12.57	-38.26	11.91	0.30	MWD	EXTREME					
6/2/2015	2,311.00	1.10	174.66	2,310.45	-12.62	-40.06	11.94	0.19	MWD	EXTREME					
6/2/2015	2,404.00	0.70	182.26	2,403.43	-12.71	-41.51	12.00	0.45	MWD	EXTREME					
6/2/2015	2,498.00	0.07	181.03	2,497.43	-12.69	-42.14	11.97	0.67	MWD	EXTREME					
6/2/2015	2,596.00	0.62	189.34	2,595.43	-12.62	-42.73	11.89	0.56	MWD	EXTREME					
6/2/2015	2,690.00	0.79	204.63	2,689.42	-12.28	-43.82	11.54	0.27	MWD	EXTREME					
6/5/2015	2,887.00	0.50	202.78	2,886.41	-11.42	-45.85	10.64	0.15	MWD	WEATHERFORD					
6/5/2015	2,981.00	0.40	211.59	2,980.41	-11.10	-46.50	10.31	0.13	MWD	WEATHERFORD					
6/5/2015	3,075.00	0.29	243.46	3,074.41	-10.72	-46.89	9.92	0.23	MWD	WEATHERFORD					
6/5/2015	3,169.00	0.30	231.13	3,168.40	-10.32	-47.15	9.52	0.07	MWD	WEATHERFORD					
6/5/2015	3,264.00	0.35	267.88	3,263.40	-9.84	-47.32	9.03	0.22	MWD	WEATHERFORD					
6/5/2015	3,358.00	0.31	223.13	3,357.40	-9.38	-47.51	8.57	0.27	MWD	WEATHERFORD					
6/5/2015	3,452.00	0.50	258.59	3,451.40	-8.81	-47.78	8.00	0.33	MWD	WEATHERFORD					
6/5/2015	3,546.00	0.47	260.97	3,545.40	-8.03	-47.92	7.21	0.04	MWD	WEATHERFORD					
6/5/2015	3,640.00	0.47	291.03	3,639.39	-7.29	-47.84	6.47	0.26	MWD	WEATHERFORD					
6/5/2015	3,733.00	0.75	286.05	3,732.39	-6.34	-47.54	5.53	0.31	MWD	WEATHERFORD					
6/5/2015	3,827.00	0.77	297.60	3,826.38	-5.19	-47.08	4.38	0.16	MWD	WEATHERFORD					
6/6/2015	3,922.00	0.77	317.39	3,921.37	-4.17	-46.31	3.38	0.28	MWD	WEATHERFORD					
6/6/2015	4,016.00	0.80	307.30	4,015.36	-3.21	-45.45	2.43	0.15	MWD	WEATHERFORD					
6/6/2015	4,111.00	0.95	317.18	4,110.35	-2.13	-44.47	1.37	0.22	MWD	WEATHERFORD					
6/6/2015	4,205.00	0.85	319.44	4,204.34	-1.13	-43.37	0.39	0.11	MWD	WEATHERFORD					
6/6/2015	4,299.00	1.04	310.31	4,298.33	-0.01	-42.28	-0.72	0.26	MWD	WEATHERFORD					
6/6/2015	4,393.00	1.13	314.39	4,392.31	1.33	-41.08	-2.03	0.13	MWD	WEATHERFORD					
6/6/2015	4,487.00	1.09	320.63	4,486.29	2.58	-39.74	-3.26	0.14	MWD	WEATHERFORD					
6/6/2015	4,581.00	1.42	319.85	4,580.27	3.92	-38.16	-4.58	0.35	MWD	WEATHERFORD					
6/6/2015	4,675.00	1.51	316.18	4,674.24	5.56	-36.38	-6.19	0.14	MWD	WEATHERFORD					
6/6/2015	4,769.00	1.64	316.97	4,768.20	7.37	-34.50	-7.96	0.14	MWD	WEATHERFORD					
6/6/2015	4,863.00	1.68	324.32	4,862.16	9.13	-32.40	-9.68	0.23	MWD	WEATHERFORD					
6/6/2015	4,957.00	2.12	324.64	4,956.11	10.98	-29.86	-11.49	0.47	MWD	WEATHERFORD					
6/6/2015	5,052.00	2.07	327.17	5,051.05	12.98	-26.99	-13.44	0.11	MWD	WEATHERFORD					
6/6/2015	5,146.00	2.19	322.53	5,144.98	15.04	-24.14	-15.45	0.22	MWD	WEATHERFORD					
6/6/2015	5,240.00	2.10	345.43	5,238.92	16.62	-21.04	-16.98	0.91	MWD	WEATHERFORD					
6/6/2015	5,334.00	1.89	354.18	5,332.86	17.26	-17.83	-17.57	0.39	MWD	WEATHERFORD					
6/6/2015	5,428.00	1.68	345.49	5,426.82	17.81	-14.96	-18.07	0.36	MWD	WEATHERFORD					
6/6/2015	5,522.00	1.76	340.94	5,520.77	18.68	-12.26	-18.89	0.17	MWD	WEATHERFORD					
6/6/2015	5,616.00	1.75	337.98	5,614.73	19.73	-9.57	-19.90	0.10	MWD	WEATHERFORD					
6/6/2015	5,710.00	1.31	24.28	5,708.70	19.87	-7.26	-19.99	1.35	MWD	WEATHERFORD					
6/6/2015	5,804.00	1.53	30.62	5,802.67	18.82	-5.20	-18.91	0.29	MWD	WEATHERFORD					
6/6/2015	5,899.00	1.05	43.44	5,897.65	17.61	-3.47	-17.67	0.59	MWD	WEATHERFORD					
6/6/2015	5,993.00	0.94	29.40	5,991.63	16.66	-2.18	-16.70	0.28	MWD	WEATHERFORD					
6/6/2015	6,087.00	0.25	248.28	6,085.63	16.48	-1.58	-16.51	1.22	MWD	WEATHERFORD					
6/6/2015	6,181.00	0.60	222.51	6,179.63	17.00	-2.02	-17.03	0.42	MWD	WEATHERFORD					



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Sub-Division		Region		Field Name		County		State/Province					
DELAWARE BASIN WEST		SLOPE WEST		BURTON FLAT		EDDY		NM					
Surface Legal Location		API/UWI		Latitude (°)		Longitude (°)		Orig KB Elevation (ft)		Ground Elev MSL (ft)		KB - GL (ft)	
SEC. 2 T21S R27E		3001543136		32° 30' 27.118" N		104° 10' 5.137" W		3,236.80		3,211.80		25.00	
Survey Data													
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Survey Tool	Survey Company			
6/6/2015	6,275.00	1.29	100.22	6,273.62	16.28	-2.57	-16.32	1.80	MWD	WEATHERFORD			
6/6/2015	6,369.00	1.44	103.05	6,367.59	14.08	-3.02	-14.13	0.17	MWD	WEATHERFORD			
6/7/2015	6,464.00	1.26	121.58	6,462.57	12.01	-3.84	-12.08	0.49	MWD	WEATHERFORD			
6/7/2015	6,558.00	0.89	132.53	6,556.55	10.58	-4.87	-10.66	0.45	MWD	WEATHERFORD			
6/7/2015	6,652.00	0.87	136.34	6,650.54	9.53	-5.88	-9.63	0.07	MWD	WEATHERFORD			
6/7/2015	6,746.00	0.84	146.16	6,744.53	8.63	-6.97	-8.75	0.16	MWD	WEATHERFORD			
6/7/2015	6,841.00	0.88	157.91	6,839.52	7.95	-8.23	-8.09	0.19	MWD	WEATHERFORD			
6/7/2015	6,872.00	1.62	256.20	6,870.51	8.28	-8.55	-8.43	6.30	MWD	WEATHERFORD			
6/7/2015	6,904.00	4.04	274.32	6,902.47	9.84	-8.58	-9.99	7.97	MWD	WEATHERFORD			
6/7/2015	6,935.00	6.52	280.88	6,933.34	12.67	-8.16	-12.81	8.22	MWD	WEATHERFORD			
6/7/2015	6,967.00	9.38	286.04	6,965.03	16.98	-7.10	-17.10	9.20	MWD	WEATHERFORD			
6/7/2015	6,998.00	12.18	289.92	6,995.48	22.51	-5.28	-22.60	9.33	MWD	WEATHERFORD			
6/7/2015	7,029.00	14.36	291.19	7,025.65	29.21	-2.78	-29.26	7.09	MWD	WEATHERFORD			
6/7/2015	7,061.00	16.85	291.42	7,056.47	37.28	0.35	-37.28	7.78	MWD	WEATHERFORD			
6/8/2015	7,092.00	19.24	291.24	7,085.94	46.29	3.84	-46.23	7.71	MWD	WEATHERFORD			
6/8/2015	7,123.00	21.24	289.14	7,115.02	56.41	7.53	-56.29	6.86	MWD	WEATHERFORD			
6/8/2015	7,155.00	23.79	287.06	7,144.58	68.13	11.33	-67.94	8.35	MWD	WEATHERFORD			
6/8/2015	7,186.00	25.94	285.67	7,172.71	80.69	14.99	-80.45	7.19	MWD	WEATHERFORD			
6/8/2015	7,217.00	28.14	285.67	7,200.32	94.32	18.80	-94.02	7.10	MWD	WEATHERFORD			
6/8/2015	7,249.00	30.80	284.65	7,228.18	109.59	22.91	-109.21	8.46	MWD	WEATHERFORD			
6/8/2015	7,280.00	33.49	283.76	7,254.42	125.64	26.95	-125.20	8.81	MWD	WEATHERFORD			
6/8/2015	7,312.00	35.61	281.23	7,280.78	143.42	30.87	-142.92	8.00	MWD	WEATHERFORD			
6/8/2015	7,343.00	38.18	279.71	7,305.57	161.78	34.24	-161.22	8.80	MWD	WEATHERFORD			
6/8/2015	7,374.00	40.55	277.90	7,329.53	181.26	37.24	-180.64	8.49	MWD	WEATHERFORD			
6/8/2015	7,406.00	42.89	276.79	7,353.42	202.42	39.96	-201.76	7.67	MWD	WEATHERFORD			
6/8/2015	7,437.00	45.92	275.96	7,375.56	224.01	42.36	-223.32	9.95	MWD	WEATHERFORD			
6/8/2015	7,468.00	48.32	274.80	7,396.65	246.66	44.49	-245.93	8.21	MWD	WEATHERFORD			
6/8/2015	7,500.00	51.00	275.12	7,417.37	270.99	46.60	-270.23	8.41	MWD	WEATHERFORD			
6/8/2015	7,531.00	53.98	274.85	7,436.24	295.52	48.73	-294.73	9.64	MWD	WEATHERFORD			
6/8/2015	7,563.00	56.71	274.62	7,454.44	321.78	50.91	-320.96	8.55	MWD	WEATHERFORD			
6/8/2015	7,594.00	59.42	274.69	7,470.83	348.03	53.04	-347.17	8.74	MWD	WEATHERFORD			
6/8/2015	7,625.00	62.29	274.15	7,485.93	375.05	55.13	-374.17	9.38	MWD	WEATHERFORD			
6/8/2015	7,656.00	65.65	273.68	7,499.53	402.87	57.03	-401.95	10.92	MWD	WEATHERFORD			
6/9/2015	7,688.00	68.95	273.62	7,511.88	432.35	58.91	-431.41	10.31	MWD	WEATHERFORD			
6/9/2015	7,719.00	72.54	273.66	7,522.10	461.58	60.76	-460.61	11.58	MWD	WEATHERFORD			
6/9/2015	7,750.00	76.10	273.33	7,530.48	491.40	62.58	-490.40	11.53	MWD	WEATHERFORD			
6/9/2015	7,782.00	79.30	272.48	7,537.29	522.64	64.16	-521.62	10.33	MWD	WEATHERFORD			
6/9/2015	7,813.00	82.77	271.38	7,542.12	553.25	65.19	-552.22	11.73	MWD	WEATHERFORD			
6/9/2015	7,844.00	85.32	271.15	7,545.34	584.08	65.87	-583.04	8.26	MWD	WEATHERFORD			
6/9/2015	7,876.00	87.13	270.87	7,547.44	616.01	66.44	-614.97	5.72	MWD	WEATHERFORD			
6/9/2015	7,907.00	88.04	270.97	7,548.75	646.98	66.93	-645.93	2.95	MWD	WEATHERFORD			
6/9/2015	7,970.00	91.19	270.71	7,549.17	709.97	67.86	-708.92	5.02	MWD	WEATHERFORD			
6/10/2015	7,997.00	92.17	270.92	7,548.38	736.96	68.24	-735.90	3.71	MWD	WEATHERFORD			
6/10/2015	8,091.00	93.71	270.96	7,543.56	830.84	69.78	-829.76	1.64	MWD	WEATHERFORD			
6/10/2015	8,185.00	92.59	271.13	7,538.40	924.69	71.49	-923.60	1.21	MWD	WEATHERFORD			
6/10/2015	8,280.00	90.07	271.09	7,536.19	1,019.66	73.33	-1,018.55	2.65	MWD	WEATHERFORD			
6/10/2015	8,374.00	89.65	271.02	7,536.42	1,113.66	75.06	-1,112.54	0.45	MWD	WEATHERFORD			
6/10/2015	8,468.00	90.84	270.87	7,536.02	1,207.66	76.61	-1,206.52	1.28	MWD	WEATHERFORD			
6/10/2015	8,562.00	91.33	270.74	7,534.24	1,301.64	77.93	-1,300.49	0.54	MWD	WEATHERFORD			
6/10/2015	8,657.00	91.26	270.66	7,532.09	1,396.61	79.10	-1,395.46	0.11	MWD	WEATHERFORD			
6/10/2015	8,751.00	92.38	269.93	7,529.11	1,490.56	79.58	-1,489.41	1.42	MWD	WEATHERFORD			
6/10/2015	8,845.00	92.73	269.58	7,524.92	1,584.44	79.18	-1,583.32	0.53	MWD	WEATHERFORD			
6/10/2015	8,939.00	93.08	269.48	7,520.15	1,678.29	78.41	-1,677.19	0.39	MWD	WEATHERFORD			
6/10/2015	9,033.00	93.71	269.07	7,514.59	1,772.08	77.22	-1,771.02	0.80	MWD	WEATHERFORD			
6/10/2015	9,127.00	92.80	268.63	7,509.25	1,865.86	75.34	-1,864.85	1.07	MWD	WEATHERFORD			
6/10/2015	9,221.00	92.94	268.55	7,504.54	1,959.67	73.03	-1,958.70	0.17	MWD	WEATHERFORD			
6/10/2015	9,315.00	91.96	268.95	7,500.52	2,053.51	70.98	-2,052.59	1.13	MWD	WEATHERFORD			
6/10/2015	9,409.00	92.17	268.76	7,497.14	2,147.38	69.10	-2,146.51	0.30	MWD	WEATHERFORD			
6/10/2015	9,504.00	92.31	269.43	7,493.42	2,242.26	67.60	-2,241.43	0.72	MWD	WEATHERFORD			
6/10/2015	9,597.00	92.52	270.32	7,489.50	2,335.16	67.40	-2,334.34	0.98	MWD	WEATHERFORD			
6/10/2015	9,692.00	92.31	270.33	7,485.50	2,430.07	67.94	-2,429.26	0.22	MWD	WEATHERFORD			
6/10/2015	9,786.00	91.82	270.27	7,482.11	2,524.00	68.43	-2,523.20	0.53	MWD	WEATHERFORD			
6/10/2015	9,880.00	93.01	270.73	7,478.15	2,617.91	69.25	-2,617.11	1.36	MWD	WEATHERFORD			
6/10/2015	9,974.00	93.22	270.73	7,473.05	2,711.77	70.44	-2,710.96	0.22	MWD	WEATHERFORD			
6/10/2015	10,068.00	92.87	270.49	7,468.05	2,805.63	71.44	-2,804.82	0.45	MWD	WEATHERFORD			
6/10/2015	10,162.00	92.66	270.26	7,463.52	2,899.52	72.06	-2,898.71	0.33	MWD	WEATHERFORD			
6/10/2015	10,256.00	92.87	269.79	7,458.98	2,993.40	72.10	-2,992.60	0.55	MWD	WEATHERFORD			
6/10/2015	10,351.00	93.15	269.11	7,453.99	3,088.23	71.19	-3,087.46	0.77	MWD	WEATHERFORD			
6/10/2015	10,445.00	92.03	268.60	7,449.75	3,182.07	69.31	-3,181.35	1.31	MWD	WEATHERFORD			
6/10/2015	10,539.00	90.21	269.11	7,447.91	3,275.98	67.43	-3,275.31	2.01	MWD	WEATHERFORD			
6/10/2015	10,633.00	89.65	269.01	7,448.02	3,369.93	65.89	-3,369.29	0.61	MWD	WEATHERFORD			
6/10/2015	10,727.00	89.30	268.63	7,448.89	3,463.86	63.96	-3,463.27	0.55	MWD	WEATHERFORD			
6/10/2015	10,821.00	88.95	269.51	7,450.32	3,557.79	62.43	-3,557.25	1.01	MWD	WEATHERFORD			
6/10/2015	10,916.00	89.51	270.52	7,451.60	3,652.77	62.46	-3,652.24	1.22	MWD	WEATHERFORD			
6/10/2015	11,010.00	89.65	270.52	7,452.29	3,746.76	63.31	-3,746.23	0.15	MWD	WEATHERFORD			
6/10/2015	11,104.00	89.65	270.33	7,452.86	3,840.76	64.01	-3,840.22	0.20	MWD	WEATHERFORD			
6/10/2015	11,199.00	89.79	270.04	7,453.33	3,935.75	64.31	-3,935.22	0.34	MWD	WEATHERFORD			



Well Name: BURTON FLAT DEEP UNIT 61H

Sub-Division	Region	Field Name	County	State/Province		
DELAWARE BASIN WEST	SLOPE WEST	BURTON FLAT	EDDY	NM		
Surface Legal Location	AP/W	Latitude (°)	Longitude (°)	Orig KB Elevation (ft)	Ground Elev MSL (ft)	KB - GL (ft)
SEC. 2 T21S R27E	3001543136	32° 30' 27.118" N	104° 10' 5.137" W	3,236.80	3,211.80	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	
6/10/2015	11,293.00	89.65	269.95	7,453.78	4,029.73	64.30	-4,029.22	0.18	MWD	WEATHERFORD	
6/10/2015	11,387.00	89.44	271.08	7,454.53	4,123.72	65.15	-4,123.21	1.22	MWD	WEATHERFORD	
6/10/2015	11,481.00	88.60	271.84	7,458.14	4,217.71	67.54	-4,217.17	1.21	MWD	WEATHERFORD	
6/10/2015	11,575.00	89.37	271.86	7,457.80	4,311.68	70.58	-4,311.10	0.82	MWD	WEATHERFORD	
6/10/2015	11,669.00	89.86	271.83	7,458.44	4,405.67	73.60	-4,405.05	0.52	MWD	WEATHERFORD	
6/10/2015	11,763.00	91.89	272.12	7,457.00	4,499.64	76.84	-4,498.98	2.18	MWD	WEATHERFORD	
6/10/2015	11,857.00	93.29	272.88	7,452.75	4,593.50	80.94	-4,592.79	1.69	MWD	WEATHERFORD	
6/10/2015	11,951.00	93.01	272.24	7,447.59	4,687.33	85.13	-4,686.56	0.74	MWD	WEATHERFORD	
6/10/2015	12,045.00	91.61	270.70	7,443.80	4,781.24	87.54	-4,780.44	2.21	MWD	WEATHERFORD	
6/10/2015	12,139.00	90.63	270.33	7,441.96	4,875.22	88.38	-4,874.42	1.11	MWD	WEATHERFORD	
6/10/2015	12,233.00	90.21	270.31	7,441.27	4,969.21	88.91	-4,968.42	0.45	MWD	WEATHERFORD	
6/10/2015	12,277.00	89.93	270.34	7,441.22	5,013.21	89.16	-5,012.41	0.64	MWD	WEATHERFORD	
6/10/2015	12,361.00	89.93	270.34	7,441.32	5,097.20	89.66	-5,096.41	0.00	BIT	WEATHERFORD	

District I
1625 N. Trench Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
511 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-0720
District III
1000 Rio Brizos Road, Aztec, NM 87410
Phone: (505) 334-6175 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 30 2015
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WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-015-43041		* Pool Code 97860		* Pool Name Jennings; Bone Spring, West	
* Property Code 38600		* Property Name SNAPPING 2 STATE			* Well Number 11H
* GRID No. 6137		* Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.			* Elevation 3291.4

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	2	26 S	31 E		220	NORTH	2490	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	2	26 S	31 E		340	SOUTH	2183	WEST	EDDY

12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

N89°33'35"E 2661.22 FT N4 CORNER SEC. 2 LAT. = 32.0794668°N LONG. = 103.7574356°W NMSP EAST (FT) N = 393123.30 E = 719706.10 W/4 CORNER SEC. 2 LAT. = 32.0721403°N LONG. = 103.7574402°W NMSP EAST (FT) N = 390458.06 E = 719718.90 SW CORNER SEC. 2 LAT. = 32.0648111°N LONG. = 103.7574377°W NMSP EAST (FT) N = 387791.35 E = 719733.91		N89°32'50"E 2662.17 FT N/4 CORNER SEC. 2 LAT. = 32.0794837°N LONG. = 103.7483454°W NMSP EAST (FT) N = 39343.74 E = 722366.68 NE CORNER SEC. 2 LAT. = 32.0795016°N LONG. = 103.7402522°W NMSP EAST (FT) N = 393164.77 E = 725028.21 E/4 CORNER SEC. 2 LAT. = 32.0721721°N LONG. = 103.7402701°W NMSP EAST (FT) N = 390498.43 E = 725037.32 SE CORNER SEC. 2 LAT. = 32.0648913°N LONG. = 103.7402835°W NMSP EAST (FT) N = 387849.96 E = 725047.73		16 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest in, or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling under heretofore entered by the division. <i>Megan Moravec</i> 11/25/2015 Signature Date Megan Moravec, Regulatory Analyst Printed Name Megan.Moravec@dmv.com E-mail Address	
17 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of surveys made by me or under my supervision and that the same is true and correct to the best of my belief. APR 11 2015 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor: Certificate Number: HILIMON E. JARAMILLO, PLS 12797 SURVEY NO. 2161B		NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. BOTTOM OF HOLE LAT. = 32.0657617°N LONG. = 103.7503376°W NMSP EAST (FT) N = 388145.83 E = 721931.49 SCALED			

PP: 203' FNL & 2230' FWL, Sec 2-T26S-R31E

Project Area: XXXXXXXXXX
Producing Area: XXXXXXXXXX