

2006/5 430/W Sec 17
B1dL 2103/5 510/E Sec 18

30-045-33029

Ryan Energy Technologies Inc.



COMPLETION REPORT

Company: ConocoPhillips Date: 9/26/2005 Time: 09:09:37 Page: 1
Field: San Juan County, NM Co-ordinate(NE) Reference: Site: San Juan 32-7 Unit 246, Grid North
Site: San Juan 32-7 Unit 246 Vertical (TVD) Reference: Est. RKB 6320.0
Well: Well #246 Section (VS) Reference: Well (0.00N,0.00E,269.76Azi)
Wellpath: Original Hole Survey Calculation Method: Minimum Curvature Db: Sybase

Field: San Juan County, NM
New Mexico
USA
Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level
Map Zone: New Mexico, Western Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf2005

Site: San Juan 32-7 Unit 246
sec. 17, T32N, R07W
San Juan County, New Mexico

Site Position: Northing: 2175451.29 ft Latitude: 36 58 41.844 N
From: Geographic Easting: 568915.76 ft Longitude: 107 35 50.640 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 6307.00 ft Grid Convergence: 0.14 deg

Well: Well #246 Slot Name:
Well Position: +N/-S 0.00 ft Northing: 2175451.29 ft Latitude: 36 58 41.844 N
+E/-W 0.00 ft Easting: 568915.76 ft Longitude: 107 35 50.640 W
Position Uncertainty: 0.00 ft

Wellpath: Original Hole
Current Datum: Est. RKB Height 6320.00 ft
Magnetic Data: 9/14/2005
Field Strength: 51529 nT
Vertical Section: Depth From (TVD) +N/-S
ft ft
0.00 0.00 0.00 269.76
Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 10.55 deg
Mag Dip Angle: 63.84 deg
+E/-W Direction
ft deg

Survey Program for Definitive Wellpath
Date: 9/26/2005 Validated: No Version: 0
Actual From To Survey Toolcode Tool Name
ft ft
230.00 3002.00 Survey #1 (230.00-3002.00) MWD Standard MWD
3050.00 3050.00 Survey #2 (3050.00-3050.00) Projection Projection

Survey

MD ft	Incl deg	TVD ft	VS ft	Azim deg	N/S ft	E/W ft	Clsr Dist. ft	Clsr Azi. deg	Dog Leg deg/100ft	Tool
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
230.00	0.00	230.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
246.00	1.67	246.00	0.17	312.26	0.16	-0.17	0.23	312.26	10.44	MWD
277.00	1.93	276.98	0.92	307.87	0.78	-0.92	1.21	310.36	0.95	MWD
307.00	2.81	306.96	1.97	296.79	1.42	-1.97	2.43	305.78	3.29	MWD
317.00	3.34	316.94	2.45	294.51	1.65	-2.46	2.96	303.93	5.44	MWD
338.00	4.22	337.90	3.75	285.90	2.12	-3.76	4.31	299.42	4.98	MWD
369.00	5.28	368.79	6.23	282.91	2.75	-6.25	6.82	293.77	3.51	MWD
399.00	6.42	398.63	9.22	282.03	3.41	-9.23	9.84	290.27	3.81	MWD
430.00	7.65	429.40	12.93	280.97	4.16	-12.95	13.60	287.82	3.99	MWD
461.00	8.71	460.08	17.27	280.27	4.97	-17.29	17.99	286.05	3.43	MWD
491.00	9.76	489.69	22.02	277.11	5.69	-22.05	22.77	284.48	3.89	MWD
522.00	10.73	520.20	27.51	274.12	6.23	-27.53	28.23	282.74	3.57	MWD
553.00	11.70	550.61	33.53	270.25	6.45	-33.55	34.17	280.88	3.96	MWD
584.00	12.84	580.90	40.11	270.95	6.52	-40.14	40.67	279.22	3.71	MWD
614.00	14.07	610.08	47.09	270.78	6.62	-47.12	47.58	278.00	4.10	MWD
645.00	15.30	640.06	54.95	270.43	6.70	-54.98	55.39	276.95	3.98	MWD
676.00	16.27	669.89	63.38	268.49	6.62	-63.41	63.75	275.96	3.56	MWD
707.00	17.23	699.58	72.31	268.49	6.39	-72.34	72.62	275.04	3.10	MWD
737.00	18.29	728.15	81.46	267.44	6.06	-81.49	81.71	274.25	3.69	MWD
768.00	19.35	757.49	91.45	268.32	5.69	-91.48	91.66	273.56	3.54	MWD
799.00	20.31	786.65	101.96	266.73	5.23	-101.98	102.12	272.94	3.55	MWD

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COMPLETION REPORT



Company: ConocoPhillips
Field: San Juan County, NM
Site: San Juan 32-7 Unit 246
Well: Well #246
Wellpath: Original Hole

Date: 9/26/2005 **Time:** 09:09:37 **Page:** 2
Co-ordinate(NE) Reference: Site: San Juan 32-7 Unit 246, Grid North
Vertical (TVD) Reference: Est. RKB 6320.0
Section (VS) Reference: Well (0.00N,0.00E,269.76Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey

MD ft	Incl deg	TVD ft	VS ft	Azim deg	N/S ft	E/W ft	Clsr Dist. ft	Clsr Azi. deg	Dog Leg deg/100ft	Tool
830.00	21.19	815.64	112.93	266.73	4.61	-112.95	113.04	272.34	2.84	MWD
860.00	22.25	843.51	124.01	266.73	3.97	-124.03	124.10	271.83	3.53	MWD
895.00	23.83	875.72	137.70	267.61	3.30	-137.71	137.75	271.37	4.62	MWD
922.00	24.80	900.32	148.81	267.79	2.85	-148.82	148.85	271.10	3.60	MWD
959.00	26.03	933.74	164.68	268.67	2.37	-164.69	164.71	270.82	3.48	MWD
983.00	26.29	955.28	175.26	269.02	2.15	-175.27	175.28	270.70	1.26	MWD
1014.00	27.08	982.98	189.18	270.07	2.04	-189.19	189.20	270.62	2.97	MWD
1045.00	28.14	1010.45	203.55	269.72	2.02	-203.56	203.57	270.57	3.46	MWD
1075.00	28.84	1036.82	217.86	269.72	1.95	-217.87	217.88	270.51	2.33	MWD
1106.00	28.67	1063.99	232.77	269.55	1.85	-232.78	232.79	270.46	0.61	MWD
1138.00	28.67	1092.07	248.12	269.37	1.71	-248.13	248.14	270.39	0.27	MWD
1169.00	29.55	1119.15	263.20	269.55	1.57	-263.21	263.22	270.34	2.85	MWD
1200.00	29.81	1146.09	278.55	269.72	1.47	-278.56	278.57	270.30	0.88	MWD
1232.00	29.55	1173.89	294.40	269.90	1.42	-294.41	294.41	270.28	0.86	MWD
1264.00	29.46	1201.74	310.16	269.72	1.36	-310.17	310.17	270.25	0.39	MWD
1295.00	29.55	1228.72	325.43	270.07	1.34	-325.44	325.44	270.24	0.63	MWD
1326.00	29.37	1255.71	340.67	270.07	1.35	-340.68	340.68	270.23	0.58	MWD
1357.00	29.46	1282.71	355.90	270.25	1.40	-355.91	355.91	270.22	0.41	MWD
1388.00	29.19	1309.74	371.08	269.55	1.37	-371.09	371.09	270.21	1.41	MWD
1420.00	29.46	1337.64	386.75	270.07	1.32	-386.76	386.76	270.20	1.16	MWD
1450.00	29.46	1363.76	401.51	269.72	1.29	-401.52	401.52	270.18	0.57	MWD
1479.00	29.28	1389.03	415.73	269.55	1.20	-415.74	415.74	270.17	0.68	MWD
1511.00	29.28	1416.95	431.38	269.55	1.08	-431.39	431.39	270.14	0.00	MWD
1542.00	29.37	1443.97	446.56	269.37	0.94	-446.57	446.57	270.12	0.41	MWD
1572.00	29.28	1470.13	461.25	270.07	0.86	-461.26	461.26	270.11	1.18	MWD
1603.00	28.93	1497.22	476.33	269.55	0.81	-476.34	476.34	270.10	1.39	MWD
1635.00	28.93	1525.22	491.81	270.25	0.79	-491.82	491.82	270.09	1.06	MWD
1666.00	29.19	1552.32	506.87	270.43	0.88	-506.88	506.88	270.10	0.88	MWD
1698.00	29.11	1580.27	522.46	270.60	1.02	-522.46	522.47	270.11	0.36	MWD
1730.00	29.19	1608.21	538.04	271.13	1.25	-538.05	538.05	270.13	0.84	MWD
1760.00	29.02	1634.43	552.63	271.31	1.56	-552.64	552.64	270.16	0.64	MWD
1791.00	28.84	1661.56	567.62	271.48	1.93	-567.63	567.63	270.19	0.64	MWD
1823.00	28.58	1689.62	582.98	271.31	2.30	-583.00	583.00	270.23	0.85	MWD
1855.00	28.75	1717.70	598.33	271.48	2.68	-598.34	598.35	270.26	0.59	MWD
1886.00	28.67	1744.89	613.21	271.66	3.08	-613.23	613.24	270.29	0.38	MWD
1917.00	28.23	1772.15	627.97	271.13	3.44	-627.99	628.00	270.31	1.64	MWD
1948.00	28.23	1799.46	642.63	271.66	3.80	-642.65	642.66	270.34	0.81	MWD
1979.00	28.14	1826.78	657.26	271.48	4.20	-657.29	657.30	270.37	0.40	MWD
2010.00	27.70	1854.17	671.77	271.48	4.58	-671.80	671.81	270.39	1.42	MWD
2042.00	27.70	1882.51	686.64	271.48	4.96	-686.67	686.69	270.41	0.00	MWD
2073.00	27.52	1909.98	701.00	270.78	5.24	-701.03	701.05	270.43	1.20	MWD
2103.00	27.17	1936.63	714.78	271.13	5.47	-714.81	714.83	270.44	1.28	MWD
2134.00	26.20	1964.32	728.70	270.60	5.69	-728.73	728.75	270.45	3.22	MWD
2165.00	25.76	1992.19	742.28	270.60	5.83	-742.31	742.33	270.45	1.42	MWD
2195.00	25.32	2019.26	755.21	270.07	5.90	-755.24	755.27	270.45	1.65	MWD
2226.00	25.06	2047.31	768.41	270.07	5.92	-768.44	768.46	270.44	0.84	MWD
2256.00	24.45	2074.55	780.97	268.84	5.80	-781.00	781.02	270.43	2.66	MWD
2287.00	24.01	2102.82	793.68	267.79	5.43	-793.71	793.73	270.39	1.99	MWD
2319.00	22.95	2132.17	806.43	268.84	5.05	-806.46	806.47	270.36	3.56	MWD
2350.00	21.98	2160.82	818.27	267.97	4.72	-818.30	818.31	270.33	3.31	MWD
2381.00	21.10	2189.66	829.65	267.61	4.29	-829.67	829.68	270.30	2.87	MWD
2412.00	19.87	2218.69	840.49	267.26	3.80	-840.51	840.52	270.26	3.99	MWD
2444.00	18.64	2248.90	851.03	266.73	3.25	-851.05	851.05	270.22	3.88	MWD

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COMPLETION REPORT



Company: ConocoPhillips Field: San Juan County, NM Site: San Juan 32-7 Unit 246 Well: Well #246 Wellpath: Original Hole	Date: 9/26/2005 Time: 09:09:37 Page: 3 Co-ordinate(NE) Reference: Site: San Juan 32-7 Unit 246, Grid North Vertical (TVD) Reference: Est. RKB 6320.0 Section (VS) Reference: Well (0.00N,0.00E,269.76Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey

MD ft	Incl deg	TVD ft	VS ft	Azim deg	N/S ft	E/W ft	Clsr Dist. ft	Clsr Azi. deg	Dog Leg deg/100ft	Tool
2475.00	17.15	2278.40	860.54	266.38	2.68	-860.56	860.56	270.18	4.82	MWD
2505.00	16.09	2307.15	869.10	265.86	2.10	-869.12	869.12	270.14	3.57	MWD
2535.00	15.39	2336.02	877.21	264.80	1.44	-877.23	877.23	270.09	2.52	MWD
2564.00	14.42	2364.05	884.65	266.21	0.85	-884.66	884.66	270.06	3.57	MWD
2596.00	12.93	2395.14	892.20	265.15	0.28	-892.21	892.21	270.02	4.72	MWD
2619.00	12.13	2417.59	897.17	265.33	-0.13	-897.18	897.18	269.99	3.48	MWD
2650.00	10.82	2447.97	903.32	264.80	-0.66	-903.32	903.32	269.96	4.24	MWD
2681.00	9.76	2478.47	908.84	265.68	-1.12	-908.84	908.84	269.93	3.46	MWD
2711.00	8.35	2508.10	913.55	265.33	-1.49	-913.55	913.55	269.91	4.70	MWD
2743.00	7.65	2539.79	917.99	269.02	-1.72	-917.99	918.00	269.89	2.71	MWD
2774.00	6.95	2570.54	921.93	268.49	-1.80	-921.93	921.93	269.89	2.27	MWD
2806.00	6.16	2602.33	925.58	269.02	-1.88	-925.58	925.59	269.88	2.48	MWD
2837.00	5.10	2633.18	928.62	269.37	-1.92	-928.62	928.63	269.88	3.42	MWD
2868.00	4.66	2664.06	931.26	267.79	-1.99	-931.26	931.26	269.88	1.48	MWD
2899.00	3.87	2694.98	933.56	264.63	-2.13	-933.56	933.56	269.87	2.66	MWD
2931.00	3.25	2726.92	935.54	266.73	-2.29	-935.54	935.54	269.86	1.98	MWD
2962.00	2.20	2757.88	937.01	267.09	-2.37	-937.01	937.02	269.86	3.39	MWD
3002.00	1.93	2797.85	938.45	267.61	-2.43	-938.45	938.46	269.85	0.68	MWD
3050.00	1.93	2845.83	940.07	267.61	-2.50	-940.07	940.07	269.85	0.00	PROJECTED