

Ryan Energy Technologies Inc.

COMPLETION REPORT



Company: ConocoPhillips		Date: 7/7/2005		Time: 06:41:05		Page: 1	
Field: San Juan County, NM		Co-ordinate(NE) Reference:		Site: San Juan 32-7 Unit 213A, Grid Nort			
Site: San Juan 32-7 Unit 213A		Vertical (TVD) Reference:		SITE 0.0			
Well: Well #213A		Section (VS) Reference:		Well (0.00N,0.00E,273.80Azi)			
Wellpath: Original Hole		Survey Calculation Method:		Minimum Curvature		Db: Sybase	

Field: San Juan County, NM New Mexico USA		30-045-32966	
Map System: US State Plane Coordinate System 1927		Map Zone: New Mexico, Western Zone	
Geo Datum: NAD27 (Clarke 1866)		Coordinate System: Site Centre	
Sys Datum: Mean Sea Level		Geomagnetic Model: igrf2005	

Site: San Juan 32-7 Unit 213A Sec. 17, T31N, R7W San Juan County, New Mexico			
Site Position:	From: Geographic	Northing: 2146895.89 ft	Latitude: 36 53 59.500 N
Position Uncertainty:	0.00 ft	Easting: 567850.94 ft	Longitude: 107 36 4.620 W
Ground Level:	6525.00 ft	North Reference:	Grid
		Grid Convergence:	0.14 deg

Well: Well #213A		Slot Name:	
Well Position:	+N/-S 0.00 ft	Northing: 2146895.89 ft	Latitude: 36 53 59.500 N
	+E/-W 0.00 ft	Easting: 567850.94 ft	Longitude: 107 36 4.620 W
Position Uncertainty:	0.00 ft		

Wellpath: Original Hole		Drilled From: Surface	
		Tie-on Depth: 0.00 ft	
Current Datum: SITE		Above System Datum: Mean Sea Level	
Magnetic Data: 6/9/2005		Declination: 10.57 deg	
Field Strength: 51509 nT		Mag Dip Angle: 63.77 deg	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	ft	ft	ft
	0.00	0.00	0.00
			273.80

Survey Program for Definitive Wellpath			
Date: 7/7/2005		Validated: No	
Actual From	To	Survey	Version: 0
ft	ft		Toolcode
			Tool Name
275.00	3190.00	Survey #1 (275.00-3190.00)	MWD
3248.00	3248.00	Survey #2 (3248.00-3248.00)	Projection
			Standard MWD
			Projection

Survey										
MD	Incl	TVD	VS	Azim	N/S	E/W	Clsr Dist.	Clsr Azi.	Dog Leg	Tool
ft	deg	ft	ft	deg	ft	ft	ft	deg	deg/100ft	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
275.00	0.20	275.00	0.45	252.00	-0.15	-0.46	0.48	252.00	0.07	MWD
304.00	1.00	304.00	0.74	268.20	-0.17	-0.76	0.78	257.21	2.79	MWD
335.00	1.58	334.99	1.44	268.93	-0.19	-1.46	1.47	262.62	1.87	MWD
365.00	2.46	364.97	2.49	268.23	-0.22	-2.51	2.52	265.09	2.93	MWD
395.00	3.61	394.93	4.08	275.43	-0.15	-4.10	4.10	267.95	4.03	MWD
424.00	5.28	423.84	6.32	275.96	0.08	-6.33	6.33	270.71	5.76	MWD
454.00	6.33	453.69	9.36	273.32	0.32	-9.36	9.36	271.94	3.61	MWD
484.00	7.65	483.46	13.01	273.85	0.55	-13.00	13.01	272.41	4.41	MWD
515.00	9.15	514.13	17.54	272.80	0.81	-17.52	17.54	272.64	4.86	MWD
545.00	10.29	543.70	22.60	272.09	1.02	-22.58	22.60	272.59	3.82	MWD
576.00	11.52	574.14	28.46	271.22	1.19	-28.44	28.47	272.39	4.00	MWD
636.00	13.54	632.71	41.47	273.15	1.70	-41.45	41.48	272.35	3.44	MWD
667.00	14.07	662.81	48.86	276.66	2.34	-48.81	48.87	272.74	3.20	MWD
697.00	14.60	691.88	56.27	278.60	3.33	-56.17	56.27	273.39	2.38	MWD
728.00	15.65	721.80	64.33	279.13	4.57	-64.17	64.33	274.08	3.42	MWD
759.00	16.53	751.59	72.89	277.72	5.83	-72.66	72.90	274.59	3.11	MWD
789.00	17.06	780.31	81.54	277.37	6.97	-81.26	81.56	274.90	1.80	MWD
819.00	16.97	808.99	90.30	277.37	8.09	-89.96	90.33	275.14	0.30	MWD
849.00	16.88	837.70	99.02	276.66	9.16	-98.63	99.06	275.31	0.75	MWD
880.00	17.76	867.29	108.24	274.73	10.07	-107.81	108.28	275.34	3.39	MWD
910.00	18.73	895.78	117.64	273.68	10.76	-117.18	117.67	275.25	3.41	MWD

Ryan Energy Technologies Inc.

COMPLETION REPORT



Company: ConocoPhillips Field: San Juan County, NM Site: San Juan 32-7 Unit 213A Well: Well #213A Wellpath: Original Hole	Date: 7/7/2005 Co-ordinate(NE) Reference: Site: San Juan 32-7 Unit 213A, Grid North Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,273.80Azi) 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
940.00	18.99	924.17	127.33	272.80	11.31	-126.86	127.37	275.09	1.28	MWD
971.00	19.52	953.44	137.56	273.15	11.84	-137.07	137.58	274.94	1.75	MWD
1002.00	20.49	982.57	148.16	273.68	12.47	-147.66	148.18	274.83	3.18	MWD
1034.00	21.02	1012.49	159.50	273.32	13.16	-158.98	159.52	274.73	1.70	MWD
1064.00	21.54	1040.44	170.39	272.97	13.76	-169.85	170.40	274.63	1.78	MWD
1094.00	22.25	1068.28	181.57	273.85	14.43	-181.02	181.59	274.56	2.61	MWD
1125.00	23.04	1096.89	193.51	273.15	15.15	-192.93	193.52	274.49	2.69	MWD
1156.00	23.21	1125.40	205.68	272.45	15.75	-205.09	205.69	274.39	1.04	MWD
1187.00	23.39	1153.87	217.94	272.80	16.31	-217.34	217.95	274.29	0.73	MWD
1218.00	23.48	1182.31	230.27	272.80	16.91	-229.65	230.27	274.21	0.29	MWD
1249.00	23.48	1210.75	242.62	273.32	17.57	-241.99	242.62	274.15	0.67	MWD
1280.00	23.30	1239.20	254.92	272.80	18.23	-254.27	254.93	274.10	0.88	MWD
1311.00	23.21	1267.68	267.16	272.62	18.81	-266.50	267.16	274.04	0.37	MWD
1341.00	24.18	1295.15	279.21	271.39	19.23	-278.55	279.21	273.95	3.63	MWD
1372.00	24.97	1323.34	292.09	271.57	19.56	-291.44	292.09	273.84	2.56	MWD
1403.00	25.15	1351.42	305.21	271.22	19.88	-304.56	305.21	273.73	0.75	MWD
1434.00	25.15	1379.49	318.37	271.22	20.16	-317.73	318.37	273.63	0.00	MWD
1466.00	25.15	1408.45	331.96	271.40	20.47	-331.33	331.96	273.54	0.24	MWD
1497.00	25.15	1436.51	345.12	271.22	20.77	-344.50	345.13	273.45	0.25	MWD
1528.00	25.06	1464.58	358.26	271.22	21.05	-357.65	358.27	273.37	0.29	MWD
1559.00	25.32	1492.64	371.44	271.39	21.35	-370.84	371.46	273.30	0.87	MWD
1590.00	25.32	1520.66	384.69	271.39	21.67	-384.10	384.71	273.23	0.00	MWD
1621.00	25.41	1548.67	397.96	271.74	22.04	-397.37	397.98	273.17	0.56	MWD
1651.00	25.50	1575.76	410.84	271.92	22.45	-410.26	410.87	273.13	0.40	MWD
1683.00	25.50	1604.64	424.61	271.39	22.85	-424.03	424.64	273.08	0.71	MWD
1714.00	25.59	1632.61	437.97	271.74	23.21	-437.39	438.01	273.04	0.57	MWD
1743.00	25.41	1658.79	450.44	270.69	23.48	-449.87	450.49	272.99	1.68	MWD
1775.00	25.41	1687.69	464.15	270.16	23.58	-463.60	464.20	272.91	0.71	MWD
1806.00	25.68	1715.66	477.49	270.34	23.64	-476.97	477.56	272.84	0.91	MWD
1868.00	25.68	1771.54	504.31	270.51	23.84	-503.84	504.40	272.71	0.12	MWD
1899.00	25.59	1799.48	517.70	270.69	23.98	-517.25	517.80	272.65	0.38	MWD
1930.00	25.41	1827.46	531.03	270.86	24.16	-530.59	531.14	272.61	0.63	MWD
1961.00	25.24	1855.49	544.27	270.69	24.34	-543.85	544.40	272.56	0.60	MWD
1991.00	25.15	1882.63	557.03	271.04	24.53	-556.62	557.16	272.52	0.58	MWD
2022.00	25.06	1910.70	570.16	270.86	24.75	-569.77	570.31	272.49	0.38	MWD
2054.00	24.89	1939.71	583.65	270.69	24.93	-583.28	583.82	272.45	0.58	MWD
2085.00	24.62	1967.86	596.61	270.51	25.07	-596.26	596.79	272.41	0.90	MWD
2116.00	24.53	1996.05	609.49	270.51	25.18	-609.16	609.68	272.37	0.29	MWD
2146.00	24.45	2023.35	621.90	270.86	25.33	-621.59	622.11	272.33	0.55	MWD
2177.00	24.27	2051.59	634.68	271.39	25.58	-634.37	634.89	272.31	0.91	MWD
2208.00	23.48	2079.94	647.22	272.27	25.98	-646.91	647.44	272.30	2.80	MWD
2239.00	23.21	2108.40	659.49	271.22	26.35	-659.19	659.72	272.29	1.60	MWD
2270.00	23.21	2136.90	671.70	272.45	26.74	-671.40	671.94	272.28	1.56	MWD
2303.00	22.77	2167.27	684.59	274.03	27.47	-684.27	684.82	272.30	2.30	MWD
2333.00	22.25	2194.99	696.07	274.55	28.33	-695.72	696.30	272.33	1.86	MWD
2361.00	21.02	2221.02	706.39	274.91	29.18	-706.01	706.61	272.37	4.42	MWD
2392.00	20.14	2250.04	717.29	275.96	30.21	-716.86	717.50	272.41	3.08	MWD
2423.00	20.14	2279.14	727.95	276.31	31.35	-727.47	728.15	272.47	0.39	MWD
2449.00	19.96	2303.57	736.86	276.31	32.33	-736.33	737.04	272.51	0.69	MWD
2481.00	19.70	2333.67	747.70	276.49	33.54	-747.12	747.87	272.57	0.83	MWD
2512.00	18.91	2362.93	757.94	276.84	34.73	-757.30	758.09	272.63	2.58	MWD
2543.00	18.03	2392.33	767.74	277.19	35.93	-767.05	767.89	272.68	2.86	MWD
2574.00	17.76	2421.83	777.24	278.42	37.22	-776.48	777.37	272.74	1.50	MWD

Ryan Energy Technologies Inc.

COMPLETION REPORT



Company: ConocoPhillips Field: San Juan County, NM Site: San Juan 32-7 Unit 213A Well: Well #213A Wellpath: Original Hole	Date: 7/7/2005 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 06:41:05 Site: San Juan 32-7 Unit 213A, Grid Nort SITE 0.0 Well (0.00N,0.00E,273.80Azi) Minimum Curvature Db: Sybase	Page: 3
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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
2605.00	17.15	2451.40	786.51	278.95	38.62	-785.67	786.62	272.81	2.03	MWD
2636.00	16.27	2481.09	795.38	279.30	40.04	-794.47	795.48	272.88	2.86	MWD
2667.00	15.30	2510.92	803.78	279.48	41.41	-802.79	803.86	272.95	3.13	MWD
2699.00	14.51	2541.85	811.97	279.30	42.76	-810.92	812.04	273.02	2.47	MWD
2733.00	13.98	2574.80	820.30	278.95	44.08	-819.18	820.36	273.08	1.58	MWD
2761.00	12.75	2602.04	826.74	278.77	45.08	-825.57	826.80	273.13	4.40	MWD
2790.00	11.52	2630.39	832.81	279.48	46.05	-831.59	832.86	273.17	4.27	MWD
2822.00	10.55	2661.80	838.90	281.06	47.13	-837.62	838.94	273.22	3.17	MWD
2853.00	9.85	2692.31	844.35	280.00	48.14	-843.01	844.39	273.27	2.34	MWD
2883.00	9.41	2721.89	849.34	280.71	49.04	-847.95	849.37	273.31	1.52	MWD
2914.00	8.71	2752.50	854.17	282.47	50.02	-852.73	854.20	273.36	2.43	MWD
2945.00	7.83	2783.18	858.58	282.82	50.99	-857.08	858.60	273.40	2.84	MWD
2976.00	7.21	2813.91	862.58	284.57	51.95	-861.02	862.59	273.45	2.13	MWD
3008.00	5.80	2845.70	866.14	284.75	52.87	-864.53	866.15	273.50	4.41	MWD
3039.00	5.19	2876.56	869.04	286.68	53.67	-867.39	869.05	273.54	2.06	MWD
3070.00	4.04	2907.46	871.48	285.10	54.36	-869.79	871.48	273.58	3.73	MWD
3101.00	3.08	2938.40	873.36	286.33	54.88	-871.64	873.37	273.60	3.11	MWD
3133.00	2.29	2970.37	874.83	284.93	55.28	-873.08	874.83	273.62	2.48	MWD
3164.00	1.58	3001.35	875.85	287.74	55.57	-874.09	875.85	273.64	2.31	MWD
3190.00	1.49	3027.34	876.54	278.77	55.73	-874.76	876.54	273.65	0.99	MWD
3248.00	1.49	3085.32	878.04	278.77	55.96	-876.26	878.04	273.65	0.00	PROJECTED

Surface sec 17 2528'/N 402'/W
 B/H L sec 18 2472'/N 474'/E

Ryan Energy Technologies Inc.

Survey Report



Company: ConocoPhillips		Date: 7/7/2005		Time: 06:39:26		Page: 1	
Field: San Juan County, NM		Co-ordinate(NE) Reference:		Site: San Juan 32-7 Unit 213A, Grid Nort			
Site: San Juan 32-7 Unit 213A		Vertical (TVD) Reference:		SITE 0.0			
Well: Well #213A		Section (VS) Reference:		Well (0.00N,0.00E,273.80Azi)			
Wellpath: Original Hole		Survey Calculation Method:		Minimum Curvature		Db: Sybase	

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

Site: San Juan 32-7 Unit 213A Sec. 17, T31N, R7W San Juan County, New Mexico			
Site Position:	Northing: 2146895.89 ft	Latitude: 36 53 59.500 N	
From: Geographic	Easting: 567850.94 ft	Longitude: 107 36 4.620 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 6525.00 ft		Grid Convergence: 0.14 deg	

Well: Well #213A		Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 2146895.89 ft	Latitude: 36 53 59.500 N	
+E/-W 0.00 ft	Easting: 567850.94 ft	Longitude: 107 36 4.620 W	
Position Uncertainty: 0.00 ft			

Wellpath: Original Hole		Drilled From: Surface	
		Tie-on Depth: 0.00 ft	
Current Datum: SITE		Above System Datum: Mean Sea Level	
Magnetic Data: 6/9/2005		Declination: 10.57 deg	
Field Strength: 51509 nT		Mag Dip Angle: 63.77 deg	
Vertical Section: Depth From (TVD)	+N/-S	+E/-W	Direction
ft	ft	ft	deg
0.00	0.00	0.00	273.80

Survey Program for Definitive Wellpath			
Date: 7/7/2005		Validated: No	
Actual From	To	Survey	Version: 0
ft	ft		Toolcode
			Tool Name
275.00	3190.00	Survey #1 (275.00-3190.00)	MWD
3248.00	3248.00	Survey #2 (3248.00-3248.00)	Projection
			Standard MWD
			Projection

Survey										
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
275.00	0.20	252.00	275.00	-0.15	-0.46	0.45	0.07	0.07	0.00	MWD
304.00	1.00	268.20	304.00	-0.17	-0.76	0.74	2.79	2.76	55.86	MWD
335.00	1.58	268.93	334.99	-0.19	-1.46	1.44	1.87	1.87	2.35	MWD
365.00	2.46	268.23	364.97	-0.22	-2.51	2.49	2.93	2.93	-2.33	MWD
395.00	3.61	275.43	394.93	-0.15	-4.10	4.08	4.03	3.83	24.00	MWD
424.00	5.28	275.96	423.84	0.08	-6.33	6.32	5.76	5.76	1.83	MWD
454.00	6.33	273.32	453.69	0.32	-9.36	9.36	3.61	3.50	-8.80	MWD
484.00	7.65	273.85	483.46	0.55	-13.00	13.01	4.41	4.40	1.77	MWD
515.00	9.15	272.80	514.13	0.81	-17.52	17.54	4.86	4.84	-3.39	MWD
545.00	10.29	272.09	543.70	1.02	-22.58	22.60	3.82	3.80	-2.37	MWD
576.00	11.52	271.22	574.14	1.19	-28.44	28.46	4.00	3.97	-2.81	MWD
636.00	13.54	273.15	632.71	1.70	-41.45	41.47	3.44	3.37	3.22	MWD
667.00	14.07	276.66	662.81	2.34	-48.81	48.86	3.20	1.71	11.32	MWD
697.00	14.60	278.60	691.88	3.33	-56.17	56.27	2.38	1.77	6.47	MWD
728.00	15.65	279.13	721.80	4.57	-64.17	64.33	3.42	3.39	1.71	MWD
759.00	16.53	277.72	751.59	5.83	-72.66	72.89	3.11	2.84	-4.55	MWD
789.00	17.06	277.37	780.31	6.97	-81.26	81.54	1.80	1.77	-1.17	MWD
819.00	16.97	277.37	808.99	8.09	-89.96	90.30	0.30	-0.30	0.00	MWD
849.00	16.88	276.66	837.70	9.16	-98.63	99.02	0.75	-0.30	-2.37	MWD
880.00	17.76	274.73	867.29	10.07	-107.81	108.24	3.39	2.84	-6.23	MWD
910.00	18.73	273.68	895.78	10.76	-117.18	117.64	3.41	3.23	-3.50	MWD

Ryan Energy Technologies Inc.

Survey Report



Company: ConocoPhillips Field: San Juan County, NM Site: San Juan 32-7 Unit 213A Well: Well #213A Wellpath: Original Hole	Date: 7/7/2005 Co-ordinate(NE) Reference: Site: San Juan 32-7 Unit 213A, Grid Nort Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,273.80Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
940.00	18.99	272.80	924.17	11.31	-126.86	127.33	1.28	0.87	-2.93	MWD
971.00	19.52	273.15	953.44	11.84	-137.07	137.56	1.75	1.71	1.13	MWD
1002.00	20.49	273.68	982.57	12.47	-147.66	148.16	3.18	3.13	1.71	MWD
1034.00	21.02	273.32	1012.49	13.16	-158.98	159.50	1.70	1.66	-1.12	MWD
1064.00	21.54	272.97	1040.44	13.76	-169.85	170.39	1.78	1.73	-1.17	MWD
1094.00	22.25	273.85	1068.28	14.43	-181.02	181.57	2.61	2.37	2.93	MWD
1125.00	23.04	273.15	1096.89	15.15	-192.93	193.51	2.69	2.55	-2.26	MWD
1156.00	23.21	272.45	1125.40	15.75	-205.09	205.68	1.04	0.55	-2.26	MWD
1187.00	23.39	272.80	1153.87	16.31	-217.34	217.94	0.73	0.58	1.13	MWD
1218.00	23.48	272.80	1182.31	16.91	-229.65	230.27	0.29	0.29	0.00	MWD
1249.00	23.48	273.32	1210.75	17.57	-241.99	242.62	0.67	0.00	1.68	MWD
1280.00	23.30	272.80	1239.20	18.23	-254.27	254.92	0.88	-0.58	-1.68	MWD
1311.00	23.21	272.62	1267.68	18.81	-266.50	267.16	0.37	-0.29	-0.58	MWD
1341.00	24.18	271.39	1295.15	19.23	-278.55	279.21	3.63	3.23	-4.10	MWD
1372.00	24.97	271.57	1323.34	19.56	-291.44	292.09	2.56	2.55	0.58	MWD
1403.00	25.15	271.22	1351.42	19.88	-304.56	305.21	0.75	0.58	-1.13	MWD
1434.00	25.15	271.22	1379.49	20.16	-317.73	318.37	0.00	0.00	0.00	MWD
1466.00	25.15	271.40	1408.45	20.47	-331.33	331.96	0.24	0.00	0.56	MWD
1497.00	25.15	271.22	1436.51	20.77	-344.50	345.12	0.25	0.00	-0.58	MWD
1528.00	25.06	271.22	1464.58	21.05	-357.65	358.26	0.29	-0.29	0.00	MWD
1559.00	25.32	271.39	1492.64	21.35	-370.84	371.44	0.87	0.84	0.55	MWD
1590.00	25.32	271.39	1520.66	21.67	-384.10	384.69	0.00	0.00	0.00	MWD
1621.00	25.41	271.74	1548.67	22.04	-397.37	397.96	0.56	0.29	1.13	MWD
1651.00	25.50	271.92	1575.76	22.45	-410.26	410.84	0.40	0.30	0.60	MWD
1683.00	25.50	271.39	1604.64	22.85	-424.03	424.61	0.71	0.00	-1.66	MWD
1714.00	25.59	271.74	1632.61	23.21	-437.39	437.97	0.57	0.29	1.13	MWD
1743.00	25.41	270.69	1658.79	23.48	-449.87	450.44	1.68	-0.62	-3.62	MWD
1775.00	25.41	270.16	1687.69	23.58	-463.60	464.15	0.71	0.00	-1.66	MWD
1806.00	25.68	270.34	1715.66	23.64	-476.97	477.49	0.91	0.87	0.58	MWD
1868.00	25.68	270.51	1771.54	23.84	-503.84	504.31	0.12	0.00	0.27	MWD
1899.00	25.59	270.69	1799.48	23.98	-517.25	517.70	0.38	-0.29	0.58	MWD
1930.00	25.41	270.86	1827.46	24.16	-530.59	531.03	0.63	-0.58	0.55	MWD
1961.00	25.24	270.69	1855.49	24.34	-543.85	544.27	0.60	-0.55	-0.55	MWD
1991.00	25.15	271.04	1882.63	24.53	-556.62	557.03	0.58	-0.30	1.17	MWD
2022.00	25.06	270.86	1910.70	24.75	-569.77	570.16	0.38	-0.29	-0.58	MWD
2054.00	24.89	270.69	1939.71	24.93	-583.28	583.65	0.58	-0.53	-0.53	MWD
2085.00	24.62	270.51	1967.86	25.07	-596.26	596.61	0.90	-0.87	-0.58	MWD
2116.00	24.53	270.51	1996.05	25.18	-609.16	609.49	0.29	-0.29	0.00	MWD
2146.00	24.45	270.86	2023.35	25.33	-621.59	621.90	0.55	-0.27	1.17	MWD
2177.00	24.27	271.39	2051.59	25.58	-634.37	634.68	0.91	-0.58	1.71	MWD
2208.00	23.48	272.27	2079.94	25.98	-646.91	647.22	2.80	-2.55	2.84	MWD
2239.00	23.21	271.22	2108.40	26.35	-659.19	659.49	1.60	-0.87	-3.39	MWD
2270.00	23.21	272.45	2136.90	26.74	-671.40	671.70	1.56	0.00	3.97	MWD
2303.00	22.77	274.03	2167.27	27.47	-684.27	684.59	2.30	-1.33	4.79	MWD
2333.00	22.25	274.55	2194.99	28.33	-695.72	696.07	1.86	-1.73	1.73	MWD
2361.00	21.02	274.91	2221.02	29.18	-706.01	706.39	4.42	-4.39	1.29	MWD
2392.00	20.14	275.96	2250.04	30.21	-716.86	717.29	3.08	-2.84	3.39	MWD
2423.00	20.14	276.31	2279.14	31.35	-727.47	727.95	0.39	0.00	1.13	MWD
2449.00	19.96	276.31	2303.57	32.33	-736.33	736.86	0.69	-0.69	0.00	MWD
2481.00	19.70	276.49	2333.67	33.54	-747.12	747.70	0.83	-0.81	0.56	MWD
2512.00	18.91	276.84	2362.93	34.73	-757.30	757.94	2.58	-2.55	1.13	MWD
2543.00	18.03	277.19	2392.33	35.93	-767.05	767.74	2.86	-2.84	1.13	MWD
2574.00	17.76	278.42	2421.83	37.22	-776.48	777.24	1.50	-0.87	3.97	MWD

Ryan Energy Technologies Inc.

Survey Report



Company: ConocoPhillips Field: San Juan County, NM Site: San Juan 32-7 Unit 213A Well: Well #213A Wellpath: Original Hole	Date: 7/7/2005 Co-ordinate(NE) Reference: Site: San Juan 32-7 Unit 213A, Grid Nort Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,273.80Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2605.00	17.15	278.95	2451.40	38.62	-785.67	786.51	2.03	-1.97	1.71	MWD
2636.00	16.27	279.30	2481.09	40.04	-794.47	795.38	2.86	-2.84	1.13	MWD
2667.00	15.30	279.48	2510.92	41.41	-802.79	803.78	3.13	-3.13	0.58	MWD
2699.00	14.51	279.30	2541.85	42.76	-810.92	811.97	2.47	-2.47	-0.56	MWD
2733.00	13.98	278.95	2574.80	44.08	-819.18	820.30	1.58	-1.56	-1.03	MWD
2761.00	12.75	278.77	2602.04	45.08	-825.57	826.74	4.40	-4.39	-0.64	MWD
2790.00	11.52	279.48	2630.39	46.05	-831.59	832.81	4.27	-4.24	2.45	MWD
2822.00	10.55	281.06	2661.80	47.13	-837.62	838.90	3.17	-3.03	4.94	MWD
2853.00	9.85	280.00	2692.31	48.14	-843.01	844.35	2.34	-2.26	-3.42	MWD
2883.00	9.41	280.71	2721.89	49.04	-847.95	849.34	1.52	-1.47	2.37	MWD
2914.00	8.71	282.47	2752.50	50.02	-852.73	854.17	2.43	-2.26	5.68	MWD
2945.00	7.83	282.82	2783.18	50.99	-857.08	858.58	2.84	-2.84	1.13	MWD
2976.00	7.21	284.57	2813.91	51.95	-861.02	862.58	2.13	-2.00	5.65	MWD
3008.00	5.80	284.75	2845.70	52.87	-864.53	866.14	4.41	-4.41	0.56	MWD
3039.00	5.19	286.68	2876.56	53.67	-867.39	869.04	2.06	-1.97	6.23	MWD
3070.00	4.04	285.10	2907.46	54.36	-869.79	871.48	3.73	-3.71	-5.10	MWD
3101.00	3.08	286.33	2938.40	54.88	-871.64	873.36	3.11	-3.10	3.97	MWD
3133.00	2.29	284.93	2970.37	55.28	-873.08	874.83	2.48	-2.47	-4.37	MWD
3164.00	1.58	287.74	3001.35	55.57	-874.09	875.85	2.31	-2.29	9.06	MWD
3190.00	1.49	278.77	3027.34	55.73	-874.76	876.54	0.99	-0.35	-34.50	MWD
3248.00	1.49	278.77	3085.32	55.96	-876.26	878.04	0.00	0.00	0.00	PROJECTED to TD