

Ryan Energy Technologies Inc.

COMPLETION REPORT



30-045-33102

Company: ConocoPhillips Field: San Juan County, NM Site: San Juan 32-7 Unit 227A Well: Well #227A Wellpath: Original Hole	Date: 10/21/2005 Time: 06:55:40 Page: 1 Co-ordinate(NE) Reference: Site: San Juan 32-7 Unit 227A, Grid Nort Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,6.27Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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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
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Site: San Juan 32-7 Unit 227A Section 18, T31N, R7W San Juan County, NM	<i>Surface 143416 602/W</i> <i>BHL 24801N 752/W</i>
Site Position: From: Geographic Position Uncertainty: 0.00 ft Ground Level: 6604.00 ft	Northing: 2145574.28 ft Easting: 563609.28 ft Latitude: 36 53 46.530 N Longitude: 107 36 56.880 W North Reference: Grid Grid Convergence: 0.13 deg

Well: Well #227A API# 30-045-33102	Slot Name:
Well Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft	Northing: 2145574.28 ft Easting: 563609.28 ft Latitude: 36 53 46.530 N Longitude: 107 36 56.880 W

Wellpath: Original Hole Current Datum: SITE Magnetic Data: 10/5/2005 Field Strength: 51474 nT Vertical Section: Depth From (TVD) ft	Height 0.00 ft +N/-S ft	Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 10.54 deg Mag Dip Angle: 63.76 deg +E/-W ft Direction deg
0.00	0.00	0.00 6.27

Survey Program for Definitive Wellpath			Version: 0	
Date: 10/21/2005	Validated: No		Toolcode	Tool Name
Actual From ft	To ft	Survey		
244.00	3532.00	Survey #1 (244.00-3532.00)	MWD	Standard MWD
3591.00	3591.00	Survey #2 (3591.00-3591.00)	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
244.00	0.70	243.99	0.92	58.09	0.79	1.27	1.49	58.09	0.29	MWD
274.00	0.88	273.99	1.19	52.82	1.02	1.60	1.90	57.45	0.65	MWD
305.00	1.32	304.99	1.62	49.83	1.40	2.07	2.50	55.92	1.43	MWD
335.00	1.49	334.98	2.17	44.91	1.90	2.61	3.22	53.95	0.69	MWD
366.00	1.93	365.96	2.93	37.53	2.60	3.21	4.13	51.02	1.58	MWD
397.00	2.37	396.94	3.95	33.83	3.54	3.88	5.26	47.63	1.49	MWD
427.00	2.81	426.91	5.18	27.80	4.71	4.57	6.56	44.15	1.72	MWD
457.00	3.61	456.86	6.76	25.40	6.21	5.32	8.18	40.57	2.70	MWD
488.00	4.13	487.79	8.74	23.64	8.12	6.19	10.21	37.31	1.72	MWD
519.00	4.57	518.70	11.01	20.30	10.30	7.06	12.49	34.44	1.64	MWD
550.00	5.45	549.58	13.63	20.65	12.83	8.01	15.13	31.97	2.84	MWD
580.00	5.80	579.44	16.47	21.53	15.58	9.07	18.02	30.21	1.20	MWD
611.00	6.77	610.25	19.73	23.99	18.70	10.39	21.39	29.04	3.25	MWD
642.00	7.47	641.01	23.40	23.11	22.23	11.92	25.22	28.21	2.29	MWD
673.00	8.62	671.71	27.54	23.64	26.21	13.64	29.55	27.50	3.72	MWD
703.00	9.58	701.33	32.09	22.41	30.58	15.50	34.28	26.88	3.26	MWD
734.00	10.38	731.86	37.28	19.60	35.59	17.42	39.62	26.07	3.02	MWD
765.00	11.26	762.31	42.97	17.31	41.11	19.25	45.40	25.10	3.16	MWD
796.00	12.13	792.67	49.14	16.78	47.12	21.09	51.63	24.12	2.83	MWD
826.00	13.10	821.94	55.57	18.19	53.37	23.07	58.14	23.37	3.39	MWD
857.00	13.98	852.08	62.66	18.72	60.25	25.36	65.37	22.83	2.87	MWD

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Company: ConocoPhillips	Date: 10/21/2005	Time: 06:55:40	Page: 2
Field: San Juan County, NM	Co-ordinate(NE) Reference:	Site: San Juan 32-7 Unit 227A, Grid Nort	
Site: San Juan 32-7 Unit 227A	Vertical (TVD) Reference:	SITE 0.0	
Well: Well #227A	Section (VS) Reference:	Well (0.00N,0.00E,6.27Azi)	
Wellpath: Original Hole	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
888.00	15.04	882.09	70.25	18.54	67.61	27.85	73.12	22.38	3.42	MWD
919.00	16.44	911.93	78.47	18.19	75.59	30.49	81.51	21.97	4.53	MWD
949.00	17.85	940.59	87.15	16.61	84.03	33.13	90.33	21.52	4.95	MWD
980.00	19.61	969.95	96.96	15.73	93.59	35.90	100.24	20.99	5.75	MWD
1011.00	20.75	999.05	107.52	14.67	103.91	38.70	110.89	20.43	3.86	MWD
1042.00	22.42	1027.87	118.81	14.50	114.95	41.57	122.24	19.88	5.39	MWD
1072.00	23.39	1055.51	130.36	14.32	126.26	44.48	133.86	19.41	3.24	MWD
1104.00	24.36	1084.77	143.19	14.15	138.81	47.66	146.77	18.95	3.04	MWD
1135.00	25.99	1112.82	156.26	13.62	151.61	50.83	159.91	18.53	5.31	MWD
1166.00	26.91	1140.58	169.96	13.09	165.05	54.01	173.66	18.12	3.06	MWD
1197.00	28.23	1168.06	184.21	12.92	179.03	57.24	187.96	17.73	4.27	MWD
1229.00	29.28	1196.11	199.51	12.39	194.05	60.61	203.29	17.35	3.38	MWD
1260.00	30.34	1223.01	214.84	12.00	209.11	63.87	218.65	16.98	3.48	MWD
1290.00	31.22	1248.78	230.12	11.86	224.13	67.04	233.94	16.65	2.94	MWD
1321.00	32.36	1275.13	246.38	10.98	240.14	70.27	250.21	16.31	3.97	MWD
1351.00	33.50	1300.31	262.64	10.46	256.16	73.31	266.45	15.97	3.92	MWD
1382.00	34.47	1326.01	279.93	9.58	273.23	76.32	283.69	15.61	3.51	MWD
1413.00	35.88	1351.35	297.77	8.35	290.87	79.10	301.43	15.21	5.09	MWD
1444.00	37.02	1376.29	316.18	7.64	309.10	81.66	319.71	14.80	3.92	MWD
1476.00	38.51	1401.59	335.77	7.12	328.54	84.17	339.15	14.37	4.76	MWD
1506.00	39.75	1424.86	354.70	7.12	347.33	86.52	357.94	13.99	4.13	MWD
1537.00	41.15	1448.45	374.81	6.76	367.29	88.95	377.91	13.61	4.58	MWD
1569.00	42.21	1472.35	396.09	6.59	388.42	91.42	399.04	13.24	3.33	MWD
1600.00	43.35	1495.10	417.14	5.89	409.35	93.71	419.94	12.89	3.98	MWD
1631.00	44.49	1517.43	438.64	5.01	430.76	95.75	441.27	12.53	4.17	MWD
1663.00	45.81	1540.00	461.32	3.78	453.38	97.49	463.74	12.14	4.94	MWD
1694.00	46.43	1561.48	483.63	2.90	475.68	98.79	485.83	11.73	2.86	MWD
1726.00	46.43	1583.54	506.78	2.90	498.84	99.96	508.76	11.33	0.00	MWD
1757.00	46.60	1604.87	529.23	3.07	521.30	101.13	531.02	10.98	0.68	MWD
1789.00	46.60	1626.86	552.45	3.60	544.51	102.48	554.07	10.66	1.20	MWD
1820.00	46.60	1648.16	574.95	3.78	566.99	103.93	576.44	10.39	0.42	MWD
1852.00	46.52	1670.16	598.16	3.78	590.17	105.47	599.52	10.13	0.25	MWD
1883.00	46.25	1691.55	620.58	2.90	612.58	106.77	621.81	9.89	2.23	MWD
1914.00	46.43	1712.95	642.96	2.72	634.98	107.87	644.08	9.64	0.72	MWD
1946.00	46.17	1735.06	666.06	3.07	658.08	109.04	667.06	9.41	1.13	MWD
1977.00	45.99	1756.56	688.35	3.07	680.38	110.24	689.25	9.20	0.58	MWD
2009.00	45.90	1778.81	711.32	3.25	703.34	111.50	712.13	9.01	0.49	MWD
2040.00	45.73	1800.42	733.52	3.25	725.54	112.77	734.25	8.83	0.55	MWD
2071.00	45.64	1822.07	755.66	3.07	747.69	113.99	756.32	8.67	0.51	MWD
2102.00	45.46	1843.78	777.76	2.72	769.79	115.11	778.34	8.50	0.99	MWD
2133.00	45.29	1865.56	799.78	2.90	791.82	116.19	800.30	8.35	0.69	MWD
2164.00	45.11	1887.40	821.74	3.07	813.79	117.33	822.21	8.20	0.70	MWD
2195.00	44.85	1909.33	843.62	3.07	835.67	118.51	844.03	8.07	0.84	MWD
2226.00	44.76	1931.33	865.43	3.42	857.48	119.74	865.80	7.95	0.85	MWD
2258.00	44.76	1954.05	887.92	2.37	879.98	120.88	888.25	7.82	2.31	MWD
2288.00	44.93	1975.32	909.03	2.19	901.12	121.72	909.31	7.69	0.71	MWD
2319.00	44.41	1997.36	930.78	2.90	922.90	122.69	931.02	7.57	2.33	MWD
2349.00	44.14	2018.84	951.68	2.72	943.81	123.72	951.89	7.47	0.99	MWD
2379.00	42.82	2040.61	972.28	2.02	964.44	124.57	972.45	7.36	4.68	MWD
2411.00	41.68	2064.30	993.72	1.49	985.94	125.23	993.86	7.24	3.73	MWD
2440.00	40.19	2086.21	1012.65	1.14	1004.94	125.67	1012.77	7.13	5.20	MWD
2472.00	38.95	2110.87	1032.96	1.32	1025.32	126.11	1033.04	7.01	3.89	MWD
2503.00	37.99	2135.14	1052.17	1.14	1044.60	126.52	1052.23	6.91	3.12	MWD

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Wellpath: Original Hole	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
2533.00	37.11	2158.93	1070.38	1.14	1062.88	126.88	1070.43	6.81	2.93	MWD
2570.00	35.61	2188.72	1092.22	0.96	1084.81	127.29	1092.25	6.69	4.06	MWD
2601.00	34.38	2214.12	1109.92	0.44	1102.59	127.50	1109.93	6.60	4.08	MWD
2632.00	32.62	2239.97	1126.95	1.14	1119.69	127.74	1126.96	6.51	5.81	MWD
2663.00	31.04	2266.31	1143.25	2.55	1136.03	128.26	1143.25	6.44	5.63	MWD
2695.00	29.37	2293.96	1159.31	2.72	1152.12	129.00	1159.31	6.39	5.23	MWD
2726.00	28.40	2321.10	1174.26	3.07	1167.07	129.75	1174.26	6.34	3.18	MWD
2757.00	27.35	2348.51	1188.73	2.90	1181.54	130.51	1188.73	6.30	3.40	MWD
2789.00	26.20	2377.07	1203.13	4.30	1195.93	131.41	1203.13	6.27	4.10	MWD
2819.00	25.24	2404.10	1216.14	5.01	1208.91	132.47	1216.14	6.25	3.36	MWD
2850.00	24.45	2432.23	1229.17	5.71	1221.87	133.68	1229.17	6.24	2.72	MWD
2880.00	23.21	2459.68	1241.29	6.41	1233.93	134.96	1241.29	6.24	4.24	MWD
2912.00	21.90	2489.23	1253.56	7.64	1246.11	136.46	1253.56	6.25	4.35	MWD
2942.00	20.93	2517.16	1264.51	7.82	1256.96	137.93	1264.51	6.26	3.24	MWD
2973.00	19.87	2546.21	1275.31	7.82	1267.67	139.40	1275.31	6.28	3.42	MWD
3004.00	18.64	2575.48	1285.53	8.17	1277.79	140.82	1285.53	6.29	3.99	MWD
3035.00	17.76	2604.92	1295.21	7.64	1287.38	142.15	1295.21	6.30	2.89	MWD
3065.00	16.71	2633.58	1304.09	6.76	1296.20	143.27	1304.09	6.31	3.61	MWD
3096.00	15.48	2663.36	1312.68	4.13	1304.75	144.09	1312.68	6.30	4.61	MWD
3128.00	14.07	2694.30	1320.83	2.19	1312.90	144.55	1320.83	6.28	4.67	MWD
3159.00	12.75	2724.46	1328.00	0.96	1320.08	144.75	1328.00	6.26	4.36	MWD
3191.00	11.52	2755.74	1334.70	3.10	1326.81	144.98	1334.70	6.24	4.09	MWD
3222.00	10.55	2786.17	1340.63	6.06	1332.72	145.45	1340.63	6.23	3.62	MWD
3253.00	9.50	2816.70	1346.03	7.12	1338.08	146.07	1346.03	6.23	3.44	MWD
3283.00	8.35	2846.33	1350.68	8.17	1342.69	146.68	1350.68	6.23	3.87	MWD
3314.00	7.12	2877.05	1354.85	8.17	1346.82	147.28	1354.85	6.24	3.97	MWD
3345.00	5.80	2907.85	1358.34	7.29	1350.28	147.75	1358.34	6.24	4.27	MWD
3377.00	4.75	2939.72	1361.28	6.24	1353.20	148.10	1361.28	6.25	3.29	MWD
3408.00	3.69	2970.63	1363.56	4.83	1355.47	148.32	1363.56	6.24	3.44	MWD
3438.00	3.34	3000.57	1365.40	4.48	1357.30	148.47	1365.40	6.24	1.17	MWD
3469.00	3.25	3031.52	1367.18	5.53	1359.08	148.62	1367.18	6.24	0.35	MWD
3501.00	3.17	3063.47	1368.97	6.06	1360.86	148.81	1368.97	6.24	0.27	MWD
3532.00	3.08	3094.43	1370.66	5.36	1362.54	148.97	1370.66	6.24	0.32	MWD
3591.00	3.08	3153.34	1373.83	5.36	1365.70	149.27	1373.83	6.24	0.00	PROJECTED