

ROSEWOOD RESOURCES INC.

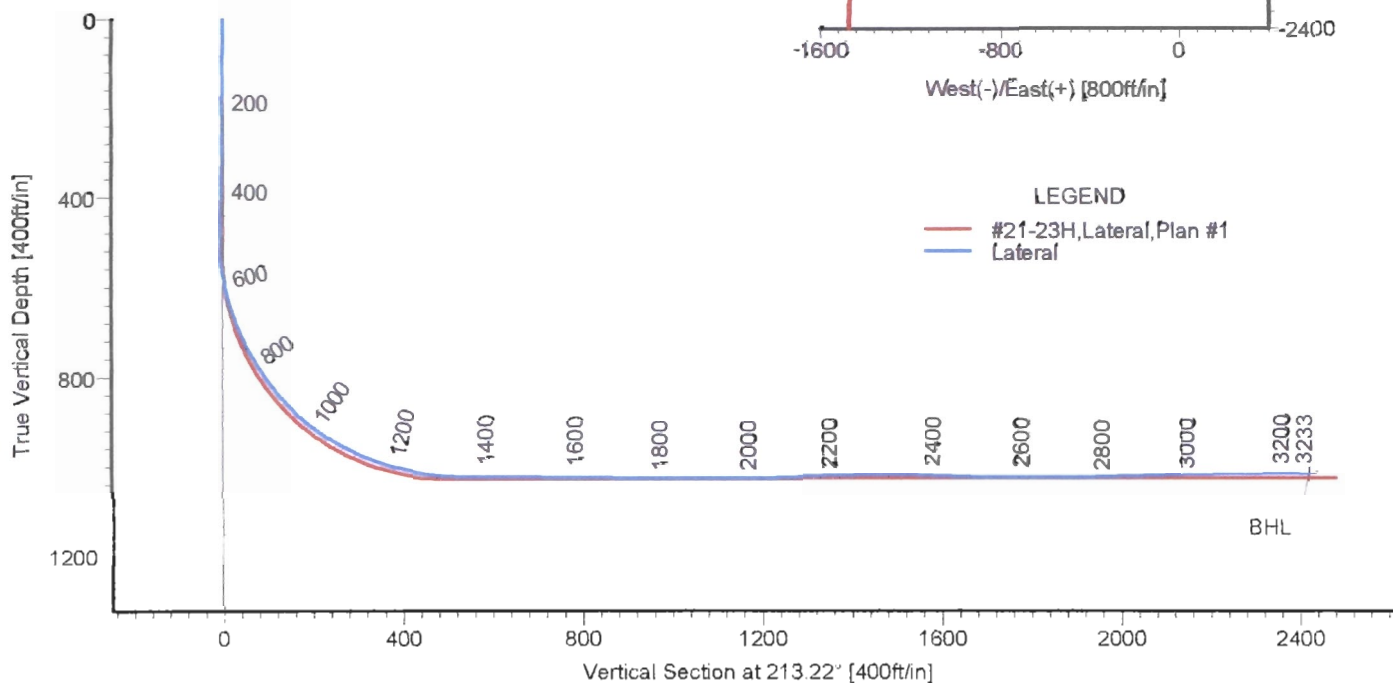
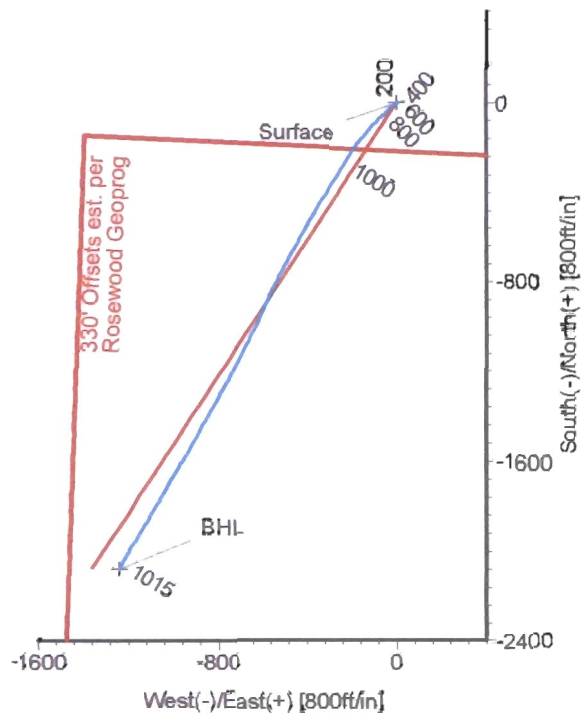
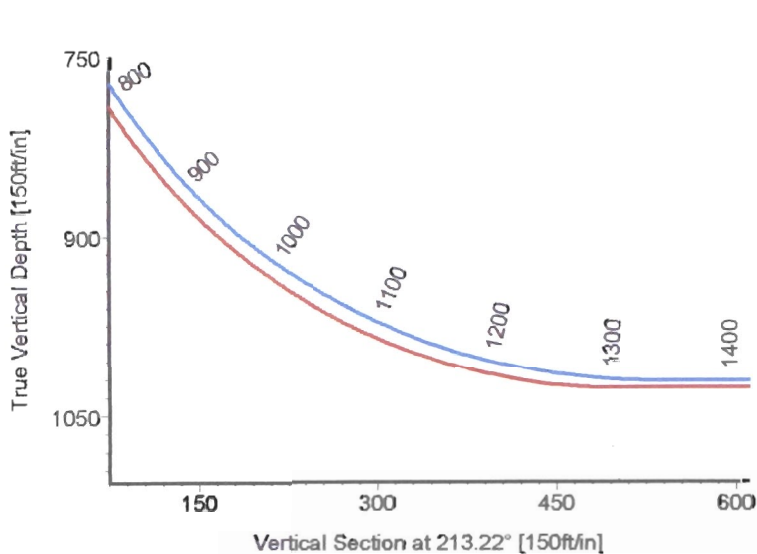
Field: Sherman County, KS
 Site: Nemecek 21-23H
 Well: #21-23H
 Wellpath: Lateral



Azimuths to Grid North
 True North: 2.31°
 Magnetic North: 9.92°

Magnetic Field
 Strength: 53478nT
 Dip Angle: 66.94°
 Date: 11/17/2006
 Model: igrf2005

ROSEWOOD RESOURCES



LEGEND

- #21-23H, Lateral, Plan #1
- Lateral

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Surface	3581.00	0.00	0.00	423051.40	970786.80	39°26'16.886N	101°38'41.837W	Point
BHL	1014.98	-2083.42	-1243.80	420967.98	969543.00	39°25'55.816N	101°38'56.608W	Point

STRATA

DIRECTIONAL TECHNOLOGY, INC.

STRATA DIRECTIONAL TECHNOLOGY, INC.
 1034 Regional Park Drive Houston, Texas 77060
 Phone: 713-934-9600 Fax: 713-934-9067

Wellpath: (#21-23H) Lateral
 Created By: David Vogler Date: 12/6/2006
 Checked: _____ Date: _____

Strata Directional Technology, Inc.

Survey Report

Company: ROSEWOOD RESOURCES INC.		Date: 12/6/2006	Time: 11:18:26	Page: 1
Field: Sherman County, KS		Co-ordinate(NE) Reference:	Well: #21-23H, Grid North	
Site: Nemechek 21-23H		Vertical (TVD) Reference:	3568'GL+13'KB 3581.0	
Well: #21-23H		Section (VS) Reference:	Well (0.00N,0.00E,213.22Azi)	
Wellpath: Lateral		Survey Calculation Method:	Minimum Curvature	Db: Adapti

Field: Sherman County, KS				
Map System: US State Plane Coordinate System 1927		Map Zone: Kansas, Northern Zone		
Geo Datum: NAD27 (Clarke 1866)		Coordinate System: Well Centre		
Sys Datum: Mean Sea Level		Geomagnetic Model: igrf2005		

Site: Nemechek 21-23H				
Site Position:	Northing:	423051.40 ft	Latitude:	39 26 16.886 N
From: Map	Easting:	970786.80 ft	Longitude:	101 38 41.837 W
Position Uncertainty:	0.00 ft		North Reference:	Grid
Ground Level:	0.00 ft		Grid Convergence:	-2.31 deg

Well: #21-23H					Slot Name:				
Well Position:	+N/-S	0.00 ft	Northing:	423051.40 ft	Latitude:	39 26 16.886 N			
	+E/-W	0.00 ft	Easting:	970786.80 ft	Longitude:	101 38 41.837 W			
Position Uncertainty:	0.00 ft								

Wellpath: Lateral				Drilled From: Surface			
Current Datum:	3568'GL+13'KB	Height	3581.00 ft	Tie-on Depth:	0.00 ft		
Magnetic Data:	11/17/2006			Above System Datum:	Mean Sea Level		
Field Strength:	53478 nT			Declination:	7.61 deg		
Vertical Section:	Depth From (TVD)	+N/-S		Mag Dip Angle:	66.94 deg		
	ft	ft		+E/-W	Direction		
				ft	deg		
	0.00	0.00		0.00	213.22		

Survey Program for Definitive Wellpath				
Date: 11/25/2006	Validated: No	Version: 0		
Actual From	To	Survey	Toolcode	Tool Name
ft	ft			
428.00	3182.00	Survey #1 (428.00-3182.00)	MWD	Std MWD
3233.00	3233.00	Survey #2 (3233.00-3233.00)	Project	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
428.00	1.10	62.60	427.97	1.89	3.65	-3.58	0.26	0.26	0.00	MWD
459.00	0.70	64.80	458.97	2.11	4.08	-4.00	1.29	-1.29	7.10	MWD
491.00	1.10	50.70	490.97	2.39	4.50	-4.46	1.42	1.25	-44.06	MWD
523.00	1.60	204.40	522.96	2.17	4.55	-4.31	8.22	1.56	480.31	MWD
555.00	6.60	223.10	554.87	0.42	3.11	-2.06	15.97	15.62	58.44	MWD
586.00	10.90	226.10	585.50	-2.91	-0.22	2.56	13.94	13.87	9.68	MWD
618.00	15.30	230.80	616.66	-7.68	-5.68	9.54	14.14	13.75	14.69	MWD
650.00	18.40	232.40	647.29	-13.43	-12.95	18.33	9.79	9.69	5.00	MWD
682.00	21.50	230.00	677.36	-20.28	-21.45	28.72	10.02	9.69	-7.50	MWD
714.00	25.00	227.70	706.76	-28.61	-30.94	40.89	11.30	10.94	-7.19	MWD
745.00	28.10	226.60	734.49	-38.03	-41.10	54.33	10.12	10.00	-3.55	MWD
777.00	31.30	225.70	762.28	-49.02	-52.52	69.79	10.10	10.00	-2.81	MWD
809.00	35.00	226.40	789.07	-61.16	-65.12	86.84	11.62	11.56	2.19	MWD
841.00	37.40	226.70	814.89	-74.15	-78.84	105.23	7.52	7.50	0.94	MWD
873.00	40.40	225.00	839.79	-88.16	-93.25	124.84	9.95	9.37	-5.31	MWD
905.00	44.40	222.40	863.42	-103.76	-108.14	146.05	13.65	12.50	-8.12	MWD
936.00	47.40	221.60	884.99	-120.31	-123.03	168.05	9.85	9.68	-2.58	MWD
968.00	52.00	221.10	905.68	-138.63	-139.15	192.20	14.42	14.37	-1.56	MWD
1000.00	55.70	218.40	924.56	-158.49	-155.65	217.87	13.42	11.56	-8.44	MWD
1032.00	59.30	218.30	941.75	-179.66	-172.40	244.74	11.25	11.25	-0.31	MWD
1064.00	61.70	215.80	957.51	-201.89	-189.17	272.53	10.12	7.50	-7.81	MWD

Strata Directional Technology, Inc.

Survey Report

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Site: Nemechek 21-23H	Vertical (TVD) Reference:	3568'GL+13'KB 3581.0	
Well: #21-23H	Section (VS) Reference:	Well (0.00N,0.00E,213.22Azi)	
Wellpath: Lateral	Survey Calculation Method:	Minimum Curvature	Db: Adapti

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
1095.00	65.20	212.60	971.36	-224.82	-204.74	300.25	14.58	11.29	-10.32	MWD
1126.00	68.20	212.10	983.62	-248.87	-219.97	328.71	9.79	9.68	-1.61	MWD
1158.00	72.20	212.00	994.46	-274.38	-235.95	358.81	12.50	12.50	-0.31	MWD
1189.00	76.30	211.40	1002.87	-299.76	-251.62	388.63	13.36	13.23	-1.94	MWD
1221.00	79.10	211.10	1009.69	-326.49	-267.84	419.87	8.80	8.75	-0.94	MWD
1253.00	82.20	211.90	1014.89	-353.41	-284.33	451.43	10.00	9.69	2.50	MWD
1284.00	85.40	212.50	1018.24	-379.48	-300.75	482.24	10.50	10.32	1.94	MWD
1316.00	88.50	212.30	1019.94	-406.46	-317.87	514.18	9.71	9.69	-0.62	MWD
1348.00	89.80	212.20	1020.41	-433.52	-334.95	546.18	4.07	4.06	-0.31	MWD
1379.00	90.00	210.70	1020.47	-459.97	-351.12	577.16	4.88	0.65	-4.84	MWD
1411.00	90.00	211.20	1020.47	-487.41	-367.58	609.13	1.56	0.00	1.56	MWD
1507.00	89.10	209.00	1021.22	-570.46	-415.72	704.98	2.48	-0.94	-2.29	MWD
1602.00	89.80	209.50	1022.13	-653.34	-462.14	799.75	0.91	0.74	0.53	MWD
1698.00	89.10	207.70	1023.05	-737.62	-508.09	895.43	2.01	-0.73	-1.87	MWD
1793.00	90.50	206.70	1023.39	-822.11	-551.51	989.90	1.81	1.47	-1.05	MWD
1889.00	89.50	203.40	1023.39	-909.06	-592.15	1084.91	3.59	-1.04	-3.44	MWD
1984.00	90.50	206.20	1023.39	-995.29	-631.99	1178.88	3.13	1.05	2.95	MWD
2079.00	91.50	206.60	1021.73	-1080.37	-674.23	1273.19	1.13	1.05	0.42	MWD
2174.00	91.20	206.90	1019.49	-1165.18	-716.97	1367.56	0.45	-0.32	0.32	MWD
2270.00	90.90	209.20	1017.73	-1249.89	-762.11	1463.14	2.42	-0.31	2.40	MWD
2365.00	87.60	209.70	1018.97	-1332.59	-808.80	1557.92	3.51	-3.47	0.53	MWD
2460.00	88.40	209.30	1022.29	-1415.22	-855.55	1652.66	0.94	0.84	-0.42	MWD
2556.00	90.00	209.20	1023.63	-1498.97	-902.46	1748.42	1.67	1.67	-0.10	MWD
2651.00	89.70	209.60	1023.88	-1581.74	-949.09	1843.20	0.53	-0.32	0.42	MWD
2747.00	91.50	212.00	1022.87	-1664.18	-998.24	1939.10	3.12	1.87	2.50	MWD
2840.00	91.60	209.00	1020.36	-1744.28	-1045.42	2031.95	3.23	0.11	-3.23	MWD
2936.00	91.60	210.20	1017.68	-1827.71	-1092.82	2127.72	1.25	0.00	1.25	MWD
3031.00	90.60	211.50	1015.85	-1909.25	-1141.52	2222.62	1.73	-1.05	1.37	MWD
3127.00	90.80	210.60	1014.68	-1991.49	-1191.03	2318.54	0.96	0.21	-0.94	MWD
3182.00	89.50	209.60	1014.54	-2039.07	-1218.61	2373.46	2.98	-2.36	-1.82	MWD
3233.00	89.50	209.60	1014.98	-2083.42	-1243.80	2424.36	0.00	0.00	0.00	Project

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
Surface			3581.00	0.00	0.00	423051.40	970786.80	39	26	16.886 N	101	38	41.837 W
BHL			1014.98	-2083.42	-1243.80	420967.98	969543.00	39	25	55.816 N	101	38	56.608 W