

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33019
Name: Rosewood Resources, Inc.
Address: 2711 N. Haskell Ave., Suite 2800, LB 22
City/State/Zip: Dallas, TX 75201
Purchaser: _____
Operator Contact Person: Tom Roelfs
Phone: (970) 324-1686
Contractor: Name: Mann Drilling Company
License: n/a
Wellsite Geologist: Steven VonFeldt

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____

Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

10/05/06	10/22/06	10/23/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 181-20451-01-00
County: Sherman
NW - NW - NE - NW Sec. 8 Twp. 7S S. R. 39 East West
125 feet from S / N (circle one) Line of Section
1400 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Bowman Well #: 21-08H
Field Name: Goodland
Producing Formation: Niobrara
Elevation: Ground: 3597' Kelly Bushing: 3610'
Total Depth: 3152' Plug Back Total Depth: 3122'
Amount of Surface Pipe Set and Cemented at 392' KB Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1205' Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AI+I NH 6 24-08
(Data must be collected from the Reserve Pit)
Chloride content 5000 ppm Fluid volume 200 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Jannell Gevee
Title: Production Asst. Date: 2-1-
Subscribed and sworn to before me this 1 day of February
07
Notary Public: Kathy Roelfs
Date Commission Expires: 6-3-09



KCC Office Use ONLY

N Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 02 2007
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Rosewood Resources, Inc. Lease Name: Bowman Well #: 21-08H
 Sec. 8 Twp. 7S S. R. 39 East West County: Sherman

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: GR	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Niobrara 1055' KB
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9 1/2"	7"	17#	392'	Neat	105	
Intermediate	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Production	6 1/4"	4 1/2"	10.5#	3122'	Neat	50	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3052' to 3067'	N/A	N/A

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr. 12/12/2006		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
		0					

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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SCHAAL DRILLING, CO.
PO BOX 416
BURLINGTON, CO. 80807
719-346-8032
FIELD REPORT
SURFACE CASING, DRILLING AND CEMENTING

DRILLING DATE 10-5-06

WELL NAME & LEASE # Bowman 21-08H

MOVE IN, RIG UP, DIG PITS ETC. DATE 10-5-06 TIME 8:00 AM PM

SPUD TIME 8:30 AM PM SHALE DEPTH 290 TIME 10:30 AM PM

HOLE DIA. 9 1/2 FROM 0 TO 380 TD TIME 11:15 AM PM

CIRCULATE, T.O.O.H., SET 378.51 FT CASING 391.51 KB FT DEPTH

9 JOINTS 7 OD #/FT 14 15.5 17 20 23

PUMP 105 SAC CEMENT 608 GAL.DISP. CIRC. 4 BBL TO PIT

PLUG DOWN TIME 1:15 AM PM DATE 10-5-06

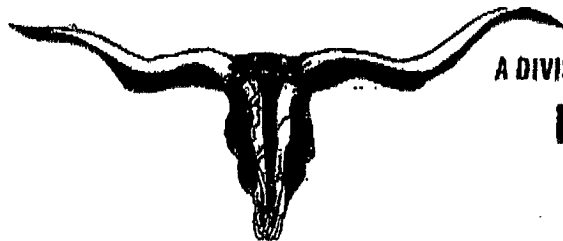
CEMENT LEFT IN CSG. 30' TYPE: PORTLAND CEMENT I/II ASTM C 150
CENTRALIZER 1 CEMENT COST \$ 1618.08

ELEVATION 3597
+12KB 3609

PIPE TALLY

1. 42.33
2. 42.30
3. 41.50
4. 41.75
5. 42.35
6. 41.95
7. 42.25
8. 42.25
9. 41.83
10.
11.
12.
13.
TOTAL 378.51

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A DIVISION OF ADVANCED DRILLING TECHNOLOGIES, L.L.C.

LONGHORN CEMENTING CO.

P.O. BOX 203 YUMA, COLORADO 80759
 Phone: 970-848-0799 Fax: 970-848-0798

FIELD SERVICE TICKET
 AND INVOICE

DATE 10-23-06 TICKET NO. 0865

DATE OF JOB	DISTRICT	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER <u>RRJ</u>		LEASE <u>Bowman 21-08 H</u>	WELL NO.				
ADDRESS		COUNTY	STATE				
CITY	STATE	SERVICE CREW <u>MILL-VAN-Jorge</u>	EQUIPMENT				
AUTHORIZED BY							
TYPE JOB: <u>Log string</u>	DEPTH FT.	CEMENT DATA: BULK <input type="checkbox"/>	SAND DATA: SACKS <input type="checkbox"/>	TRUCK CALLED	DATE	AM	TIME
SIZE HOLE: <u>6 7/8</u>	DEPTH FT.	SACKS <u>60</u>	BRAND <u>A</u>	TYPE <u>F-11</u>	% GEL	ADMIXES	ARRIVED AT JOB
SIZE & WT. CASTING <u>4 1/2</u>	DEPTH FT.						START OPERATION
SIZE & WT. O PIPE OR TUBING	DEPTH FT.						FINISH OPERATION
TOP PLUGS	TYPE	WEIGHT OF SLURRY: <u>15.0</u>	LBS. / GAL	LBS. / GAL	RELEASED		
		VOLUME OF SLURRY <u>1.25 SUPP 15K</u>	MILES FROM STATION TO WELL <u>91</u>				
<u>PRD1102</u>	MAX DEPTH FT.	MAX PRESSURE	PSI				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without written consent or an officer of Advanced Drilling Technologies, L.L.C.

SIGNED: _____
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM / PRICE REF. NUMBER	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
001-2	Depth charge - Cement - Mt. Tege			1500	1500
	Asper Cement	50		1050	1050
	Mileage	19.1		1911	1911
300-2	4 1/2 Borehole Plugs				
300-4	4 1/2 Borehole Plugs				
300-6	4 1/2 Centralizers	6			215 04
300-8	4 1/2 Scrubbers	0			
300-10	7" Centralizers	1			36 44
400-2	CLAVSTA	2.5 gal			118 12
400-4	KLL	0			0 00
					4836 60
					4836 60
	ORDERED VALVE 1100 PSI				
	PUMPED 605 KLS Cement 14.1 BRLS				
	Displaced 19.1 BRLS				
	Bumped plug @ 1200 psi				

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 WICHITA, KS

ACID DATA:			
	GALLONS	%	ADDITIVES
HCL			
HCL			

SERVICE & EQUIPMENT	% TAX ON \$
MATERIALS	% TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE: _____ THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Ken Brown
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

15-181-20451-01-00

ROSEWOOD RESOURCES INC.

Field: Sherman County, KS
 Site: Bowman 21-8H
 Well: #21-8H
 Wellpath: Lateral

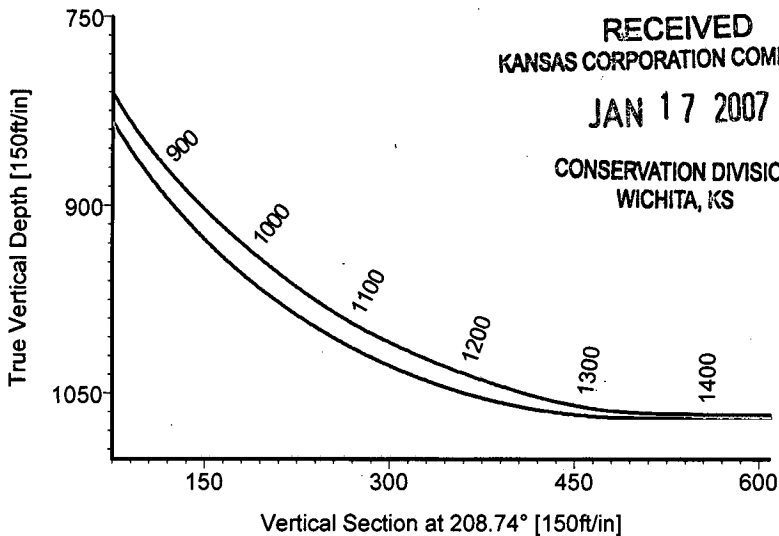


Azimuths to Grid North
 True North: 2.34°
 Magnetic North: 10.00°

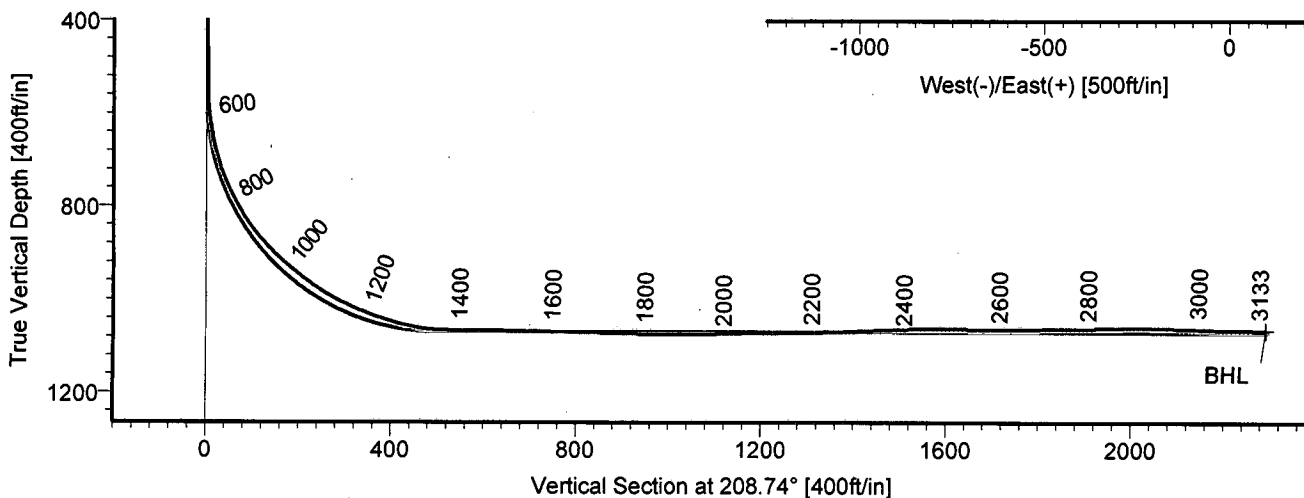
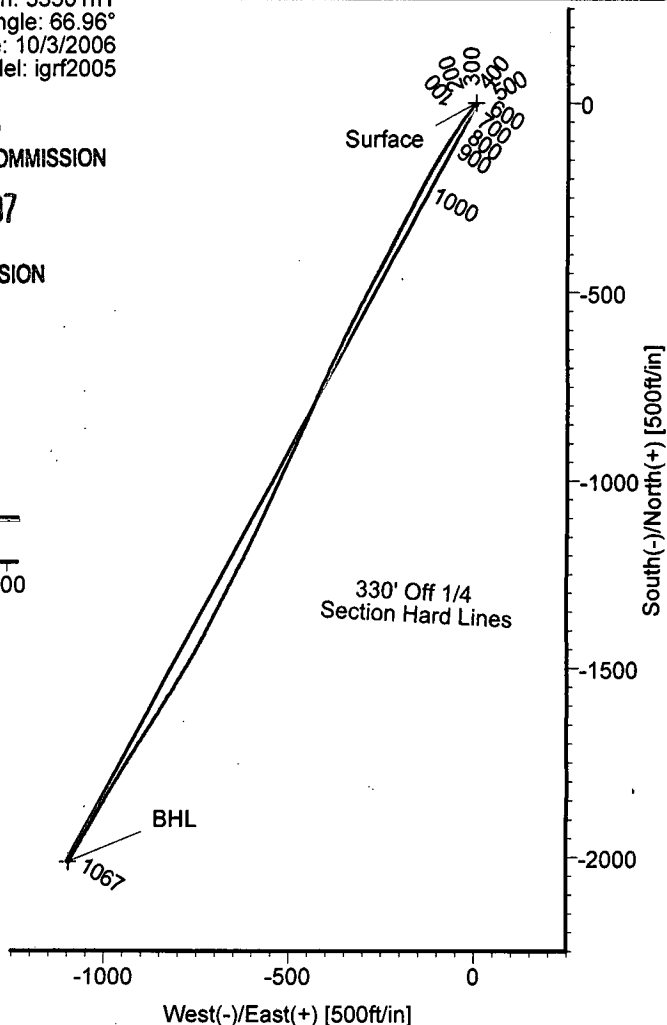
Magnetic Field
 Strength: 53501nT
 Dip Angle: 66.96°
 Date: 10/3/2006
 Model: igf2005

**ROSEWOOD
 RESOURCES**

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 CONSERVATION DIVISION
 WICHITA, KS



LEGEND
 — #21-8H, Lateral, Plan #1
 — Lateral



TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	434185.90	954991.60	39°28'00.516N	101°42'08.795W	Point
BHL	1066.86	-2013.43	-1096.36	432172.47	953895.24	39°27'40.189N	101°42'21.712W	Point



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

Wellpath: (#21-8H/Lateral)
 Created By: David Vogler Date: 11/13/2006
 Checked: _____ Date: _____

Strata Directional Technology, Inc.

Survey Report

Company: ROSEWOOD RESOURCES INC.	Date: 11/13/2006	Time: 09:51:34	Page: 1
Field: Sherman County, KS	Co-ordinate(NE) Reference: Well: #21-8H, Grid North		
Site: Bowman 21-8H	Vertical (TVD) Reference: 3597'GL+13'KB 3610.0		
Well: #21-8H	Section (VS) Reference: Well (0.00N,0.00E,208.74Azi)		
Wellpath: Lateral	Survey Calculation Method: Minimum Curvature	Db: Adapti	

Field: Sherman County, KS

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: Kansas, Northern Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf2005

Site: Bowman 21-8H

Site Position:	Northing: 434185.90 ft	Latitude: 39 28 0.516 N
From: Map	Easting: 954991.60 ft	Longitude: 101 42 8.795 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3597.00 ft		Grid Convergence: -2.34 deg

Well: #21-8H

Slot Name:

Well Position:	+N/-S 0.00 ft	Northing: 434185.90 ft	Latitude: 39 28 0.516 N
	+E/-W 0.00 ft	Easting: 954991.60 ft	Longitude: 101 42 8.795 W
Position Uncertainty: 0.00 ft			

Wellpath: Lateral

Drilled From: Surface

Current Datum: 3597'GL+13'KB	Height 3610.00 ft	Tie-on Depth: 0.00 ft	Above System Datum: Mean Sea Level
Magnetic Data: 10/3/2006		Declination: 7.66 deg	Mag Dip Angle: 66.96 deg
Field Strength: 53501 nT		+E/-W 0.00 ft	Direction 208.74 deg
Vertical Section: Depth From (TVD) ft	+N/-S ft	+E/-W ft	Direction deg
0.00	0.00	0.00	208.74

Survey Program for Definitive Wellpath

Date: 10/29/2006	Validated: No	Version: 0	
Actual From ft	To ft	Survey	Toolcode Tool Name
395.00	3078.00	Survey #1 (395.00-3078.00)	MWD Std MWD
3133.00	3133.00	Survey #2 (3133.00-3133.00)	Project Projection

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
395.00	1.10	152.80	394.98	-3.37	1.73	2.12	0.28	0.28	0.00	MWD
485.00	0.30	241.40	484.97	-4.25	1.92	2.81	1.26	-0.89	98.44	MWD
517.00	0.50	328.80	516.97	-4.17	1.78	2.81	1.79	0.62	273.12	MWD
549.00	1.40	294.00	548.96	-3.90	1.35	2.77	3.22	2.81	-108.75	MWD
581.00	4.90	240.20	580.92	-4.42	-0.20	3.97	13.21	10.94	-168.12	MWD
612.00	8.50	233.00	611.70	-6.45	-3.18	7.19	11.90	11.61	-23.23	MWD
644.00	11.30	224.40	643.22	-10.12	-7.26	12.36	9.87	8.75	-26.87	MWD
676.00	13.50	216.20	674.48	-15.37	-11.66	19.09	8.79	6.87	-25.62	MWD
708.00	17.00	215.50	705.34	-22.20	-16.59	27.44	10.95	10.94	-2.19	MWD
739.00	21.10	216.80	734.64	-30.36	-22.56	37.47	13.30	13.23	4.19	MWD
771.00	25.50	216.90	764.02	-40.48	-30.15	49.99	13.75	13.75	0.31	MWD
803.00	28.70	215.50	792.51	-52.25	-38.75	64.45	10.20	10.00	-4.37	MWD
835.00	32.00	214.70	820.12	-65.48	-48.04	80.51	10.39	10.31	-2.50	MWD
866.00	36.90	214.40	845.67	-79.92	-57.98	97.96	15.82	15.81	-0.97	MWD
898.00	41.50	213.40	870.46	-96.71	-69.25	118.09	14.51	14.37	-3.12	MWD
930.00	44.50	212.00	893.87	-115.07	-81.03	139.86	9.84	9.37	-4.37	MWD
962.00	48.20	211.80	915.95	-134.73	-93.27	162.98	11.57	11.56	-0.62	MWD
994.00	51.00	211.10	936.69	-155.52	-105.98	187.32	8.91	8.75	-2.19	MWD
1026.00	53.00	209.50	956.39	-177.29	-118.69	212.52	7.39	6.25	-5.00	MWD
1058.00	55.70	208.50	975.04	-200.03	-131.30	238.52	8.81	8.44	-3.12	MWD
1090.00	60.10	207.60	992.04	-223.95	-144.04	265.62	13.95	13.75	-2.81	MWD

Strata Directional Technology, Inc.

Survey Report

Company: ROSEWOOD RESOURCES INC.	Date: 11/13/2006	Time: 09:51:34	Page: 2
Field: Sherman County, KS	Co-ordinate(NE) Reference:	Well: #21-8H, Grid North	
Site: Bowman 21-8H	Vertical (TVD) Reference:	3597'GL+13'KB 3610.0	
Well: #21-8H	Section (VS) Reference:	Well (0.00N,0.00E,208.74Azi)	
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
1121.00	64.40	207.80	1006.47	-248.24	-156.79	293.04	13.88	13.87	0.65	MWD
1153.00	66.60	208.20	1019.74	-273.94	-170.46	322.16	6.97	6.87	1.25	MWD
1185.00	69.90	208.70	1031.60	-300.07	-184.62	351.88	10.41	10.31	1.56	MWD
1217.00	71.80	207.40	1042.09	-326.75	-198.83	382.10	7.07	5.94	-4.06	MWD
1248.00	74.40	206.70	1051.10	-353.16	-212.31	411.75	8.66	8.39	-2.26	MWD
1280.00	78.10	207.10	1058.71	-380.88	-226.38	442.81	11.63	11.56	1.25	MWD
1312.00	83.60	207.80	1063.80	-408.90	-240.93	474.38	17.32	17.19	2.19	MWD
1344.00	87.80	208.70	1066.19	-437.00	-256.04	506.28	13.42	13.12	2.81	MWD
1376.00	89.60	208.20	1066.92	-465.13	-271.28	538.27	5.84	5.62	-1.56	MWD
1471.00	89.30	207.70	1067.83	-549.05	-315.80	633.26	0.61	-0.32	-0.53	MWD
1567.00	89.10	206.00	1069.17	-634.69	-359.15	729.19	1.78	-0.21	-1.77	MWD
1661.00	88.40	205.30	1071.22	-719.40	-399.83	823.03	1.05	-0.74	-0.74	MWD
1757.00	88.00	203.80	1074.24	-806.68	-439.70	918.73	1.62	-0.42	-1.56	MWD
1853.00	90.30	204.30	1075.66	-894.33	-478.81	1014.39	2.45	2.40	0.52	MWD
1948.00	91.00	205.20	1074.59	-980.59	-518.58	1109.15	1.20	0.74	0.95	MWD
2043.00	91.20	205.50	1072.76	-1066.43	-559.25	1203.96	0.38	0.21	0.32	MWD
2138.00	90.60	205.10	1071.27	-1152.31	-599.84	1298.78	0.76	-0.63	-0.42	MWD
2233.00	92.40	207.80	1068.78	-1237.32	-642.14	1393.66	3.41	1.89	2.84	MWD
2328.00	92.20	206.90	1064.97	-1321.63	-685.75	1488.55	0.97	-0.21	-0.95	MWD
2423.00	89.70	207.40	1063.39	-1406.15	-729.09	1583.50	2.68	-2.63	0.53	MWD
2519.00	89.00	210.80	1064.48	-1490.01	-775.77	1679.47	3.62	-0.73	3.54	MWD
2614.00	91.00	212.10	1064.48	-1571.05	-825.33	1774.36	2.51	2.11	1.37	MWD
2709.00	90.40	212.90	1063.32	-1651.16	-876.37	1869.15	1.05	-0.63	0.84	MWD
2805.00	91.60	212.70	1061.65	-1731.85	-928.36	1964.89	1.27	1.25	-0.21	MWD
2899.00	88.40	211.10	1061.65	-1811.64	-978.03	2058.73	3.81	-3.40	-1.70	MWD
2995.00	88.20	210.00	1064.50	-1894.27	-1026.80	2154.64	1.16	-0.21	-1.15	MWD
3058.00	89.20	210.60	1065.93	-1948.65	-1058.58	2217.60	1.85	1.59	0.95	MWD
3078.00	89.30	210.20	1066.19	-1965.90	-1068.70	2237.59	2.06	0.50	-2.00	MWD
3133.00	89.30	210.20	1066.86	-2013.43	-1096.36	2292.57	0.00	0.00	0.00	Project

Targets

Name	Description		TVD ft	+N/-S ft	+E/-W ft	Map		Latitude			Longitude				
	Dip.	Dir.				Northing ft	Easting ft	Deg	Min	Sec	Deg	Min	Sec		
Surface			0.00	0.00	0.00	434185.90	954991.60	39	28	0.516	N	101	42	8.795	W
BHL			1066.86	-2013.43	-1096.36	432172.47	953895.24	39	27	40.189	N	101	42	21.712	W