

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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. _____

8/30/2006	9/3/2006	9/4/2006
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 181-20428-001-00
County: Sherman
NE NW NE NW Sec. 21 Twp. 7 S. R. 39 East West
125 feet from S / N (circle one) Line of Section
1760 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: C Ihrig Well #: 21-21H
Field Name: Goodland
Producing Formation: Niobrara
Elevation: Ground: 3580' Kelly Bushing: 3584'
Total Depth: 3235' Plug Back Total Depth: 3218'
Amount of Surface Pipe Set and Cemented at 352' KB Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set DV Tool @ 1269' Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ ^{sq. cm.}

Alt 1 - Dig - 12/3/06

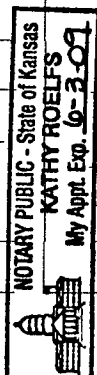
Drilling Fluid Management Plan

(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 Geewel
Title: Production Asst. Date: 12-19-06
Subscribed and sworn to before me this 19 day of December
2006
Notary Public: Kathy Roelfs
Date Commission Expires: 6-3-09



KCC Office Use ONLY

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

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 26 2006

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Rosewood Resources, Inc. Lease Name: C Ihrig Well #: 21-21H
 Sec. 21 Twp. 7 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 1016' KB 12
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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#	352'	Neat	85	2% Cacl.
Intermediate	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Production	6 1/4"	4 1/2"	11.5#	3218'	Type 1	50	2% Cacl.

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	3147' to 3162'		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
none				

Date of First, Resumerd Production, SWD or Enhr. 11/27/2006	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
	51

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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 DEC 26 2006
 CONSERVATION DIVISION

SCHAAL DRILLING, CO.
PO BOX 416
BURLINGTON, CO. 80807
719-346-8032

FIELD REPORT
SURFACE CASING, DRILLING AND CEMENTING

DRILLING DATE 8-30-06

WELL NAME & LEASE # Ithrig C 21-21

MOVE IN, RIG UP, DIG PITS ETC. DATE 8-29-06 TIME 5:00 AM PM

SPUD TIME 8:30 AM PM SHALE DEPTH 250 TIME 10:00 AM PM

HOLE DIA. 9 1/2 FROM \emptyset TO 343 TD TIME 10:45 AM PM

CIRCULATE, T.O.O.H., SET 338.96 FT CASING 351.96 KB FT DEPTH

8 JOINTS 7 0D #/FT 14 15.5 17 20 23

PUMP 85 SAC CEMENT 591 GAL DISP. CIRC. 5 BBL TO PIT

PLUG DOWN TIME 1:00 AM PM DATE 8-30-06

CEMENT LEFT IN CSG. 20 FT TYPE: PORTLAND CEMENT VII ASTM C 150
CENTRALIZER 1 CEMENT COST \$ 1351.98

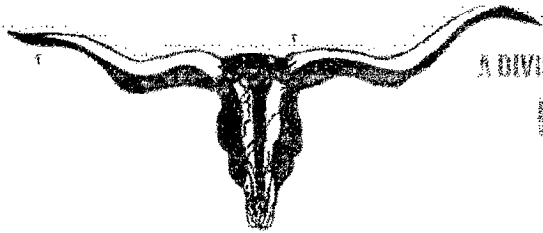
ELEVATION 3580
+12KB 3592

PIPE TALLY

- 1. 42.30
- 2. 42.40
- 3. 42.41
- 4. 42.34
- 5. 42.35
- 6. 42.35
- 7. 42.36
- 8. 42.45
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.

TOTAL 338.96

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KANSAS CORPORATION COMMISSION
DEC 26 2006
CONSERVATION DIVISION
WICHITA, KS



A DIVISION OF ADVANCED DRILLING TECHNOLOGIES, LLC.

LONGHORN CEMENTING CO.

P.O. BOX 203 VYALA, COLORADO 80759
Phone: 970-848-0709 Fax: 970-848-0708

FIELD SERVICE TICKET AND INVOICE

0846

DATE 9-4-06 TICKET NO.

DATE OF JOB: <u>9-4-06</u>	DISTRICT:	NEW WELL: <input checked="" type="checkbox"/>	OLD WELL: <input type="checkbox"/>	PROD: <input type="checkbox"/>	HLI: <input type="checkbox"/>	WDW: <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER: <u>Rosewood</u>		LEAD: <u>C. T. H. 19</u>		WELL NO.:			
ADDRESS:		COUNTY:		STATE:			
CITY:	STATE:	SERVICE CREW: <u>Dave, Brian & Van</u>					
AUTHORIZED BY:		EQUIPMENT: <u>112</u>					
TYPE JOB:	DEPTH FT.	CEMENT DATA: BULK <input type="checkbox"/>		SAND DATA: SACKS <input type="checkbox"/>		TRUCK CALLED	
SIZE HOLE: <u>6 1/8</u>	DEPTH FT.	SACKS	BRAND	TYPE	% GEL	ADMIRED	DATE AM PM
SIZE & WT CASING: <u>4 1/2</u>	DEPTH FT.	<u>50</u>		<u>V-II</u>			ARRIVED AT JOB
SIZE & WT D PIPE OR TUBING:	DEPTH FT.						START OPERATION
TOP PLUGS:	TYPE:	WEIGHT OF GELBURY: <u>14.8</u>		LBS./GAL: <u>63</u>		LBS./GAL:	
		VOLUME OF GELBURY: <u>6.32</u>		CUBIC FEET: <u>SK</u>		FINISH OPERATION	
		SACKS CEMENT TREATED WITH: <u>50</u>		% OF: <u>2</u>		RELEASED	
<u>P8TD 1269</u>	MAX DEPTH FT.	MAX PRESSURE PSI:		MILES FROM STATION TO WELL:		<u>100</u>	

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 royalties 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 of an officer of Advanced Drilling Technologies, LLC.

SIGNED:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM / PRICE / REL. NUMBER	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
001-1	Depth Charge				1,500.00
100-1	Mileage		200 miles		2170.00
200-1	Cement per Sack		50		875.00
300-2	4 1/2 Accu-Seal Float Shoe		1		267.07
300-4	4 1/2 Latchdown plug & Baffle		1		226.00
300-6	4 1/2 Centralizers		6		215.00
300-7	4 1/2 Cement Baskets		2		300.00
300-9	4 1/2 Cable Scratchers		8		278.40
300-12	7" Centralizer		1		36.44
400-2	clay stay		2.5		236.25
400-4	Kel		100 lb		40.36
1645	Mud Flush 9.7				6,144.50
1650	Cement 12.5				
1700	Displacement 20				
1705	Bump plug @ 1400				

SUB TOTAL

ACID DATA:			
	GALLONS	%	ADDITIVES
HCL			
HCL			

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

TOTAL

THANK YOU
SERVICE REPRESENTATIVE: [Signature]
FIELD SERVICE ORDER NO.

RECEIVED
KANSAS CORPORATION COMMISSION
ORDERED BY CUSTOMER: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
DEC 26 2006

CONSERVATION DIVISION
WICHITA, KS

15-181-20428-01-00
RECEIVED

KANSAS CORPORATION COMMISSION

ROSEWOOD RESOURCES INC.

Field: Sherman County, KS
Site: C. Ihrig 21-21H
Well: #21-21H
Wellpath: Lateral

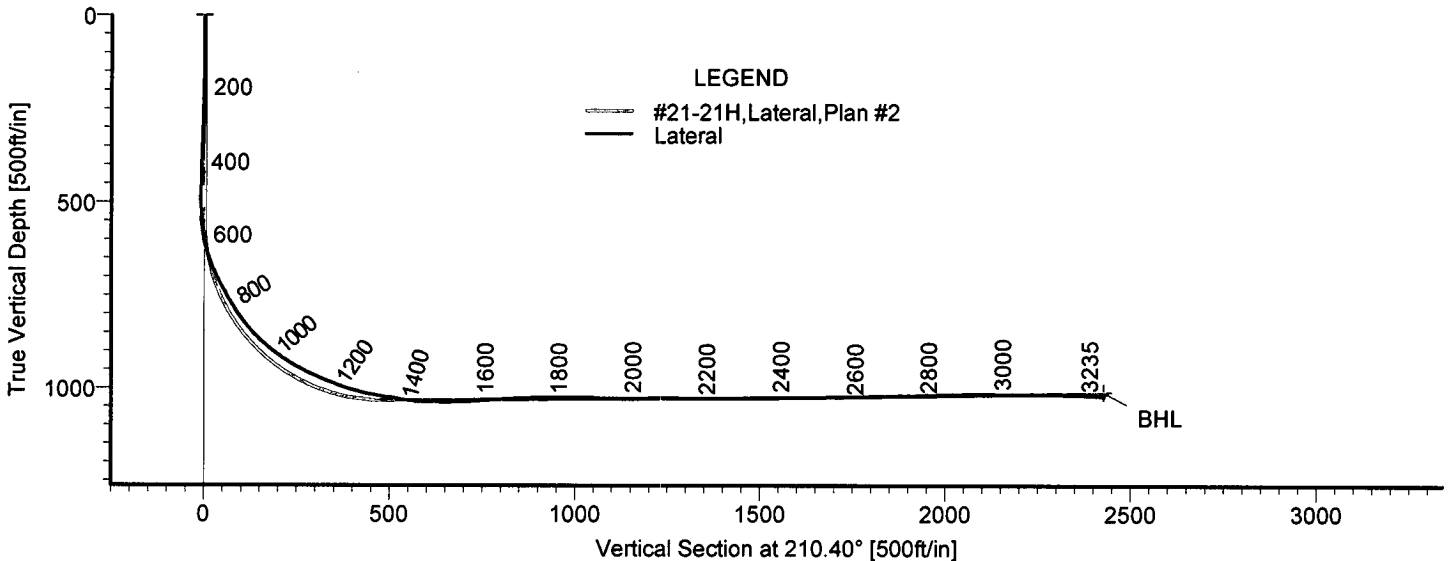
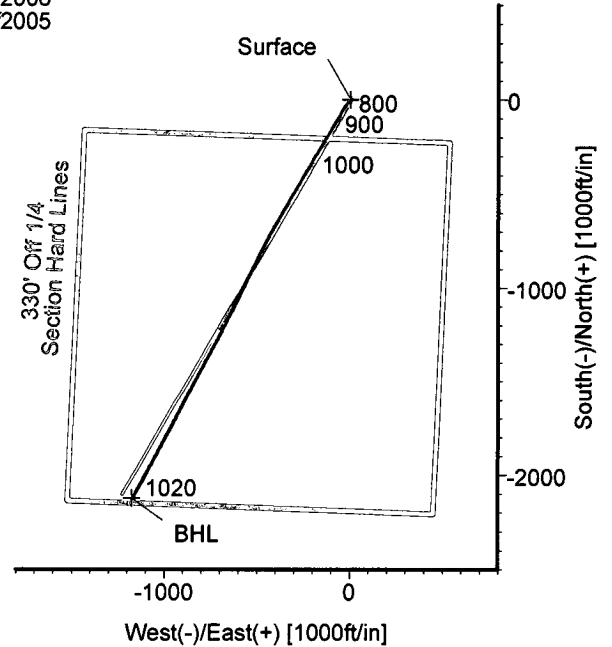
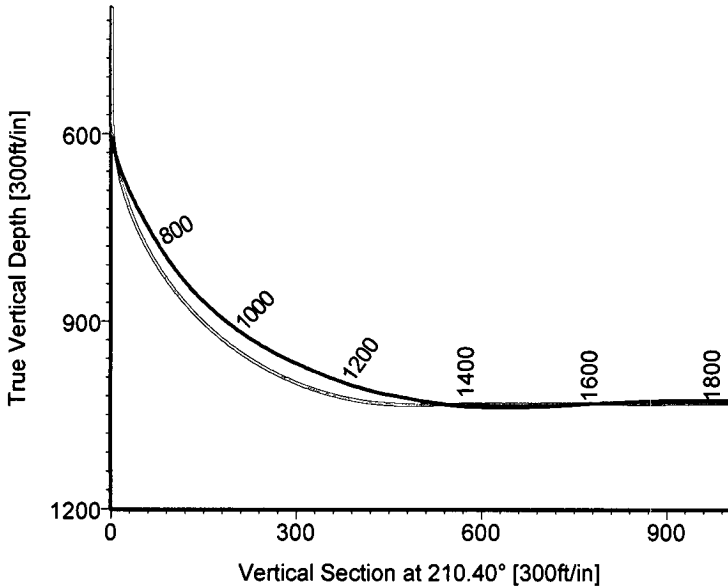
JAN 17 2007

CONSERVATION DIVISION
WICHITA, KS



Azimuths to Grid North
True North: 2.33°
Magnetic North: 9.99°

Magnetic Field
Strength: 53497nT
Dip Angle: 66.94°
Date: 8/31/2006
Model: igrf2005



TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	423454.50	960176.70	39°26'16.626N	101°40'57.170W	Point
BHL	1012.16	-2124.83	-1176.30	421329.67	959000.40	39°25'55.169N	101°41'11.048W	Point



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

Wellpath: (#21-21H/Lateral)
Created By: David Vogler Date: 9/22/2006
Checked: _____ Date: _____

Strata Directional Technology, Inc.

Survey Report

Company: ROSEWOOD RESOURCES INC.	Date: 9/22/2006	Time: 10:36:26	Page: 1
Field: Sherman County, KS	Co-ordinate(NE) Reference: Well: #21-21H, Grid North		
Site: C. Ihrig 21-21H	Vertical (TVD) Reference: 3550'GL+4'KB 3584.0		
Well: #21-21H	Section (VS) Reference: Well (0.00N,0.00E,210.40Azi)		
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: C. Ihrig 21-21H

Site Position:	Northing:	423454.50 ft	Latitude:	39 26 16.626 N
From: Map	Easting:	960176.70 ft	Longitude:	101 40 57.170 W
Position Uncertainty:		0.00 ft	North Reference:	Grid
Ground Level:		3580.00 ft	Grid Convergence:	-2.33 deg

Well: #21-21H	Slot Name:
Well Position:	
+N/-S 0.00 ft	Northing: 423454.50 ft
+E/-W 0.00 ft	Easting: 960176.70 ft
Position Uncertainty: 0.00 ft	Latitude: 39 26 16.626 N
	Longitude: 101 40 57.170 W

Wellpath: Lateral	Drilled From: Surface
Current Datum: 3550'GL+4'KB	Tie-on Depth: 0.00 ft
Magnetic Data: 8/31/2006	Above System Datum: Mean Sea Level
Field Strength: 53497 nT	Declination: 7.66 deg
Vertical Section:	Mag Dip Angle: 66.94 deg
Depth From (TVD)	+N/-S
ft	ft
0.00	0.00
	+E/-W
	ft
	Direction
	deg
	210.40

Survey Program for Definitive Wellpath					
Date: 9/4/2006	Validated: No	Version: 0			
Actual From	To	Survey	Toolcode	Tool Name	
ft	ft				
378.00	3181.00	Survey #1 (378.00-3181.00)	MWD	Std MWD	
3235.00	3235.00	Survey #2 (3235.00-3235.00)	Project	Projection	

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
378.00	3.10	70.20	377.82	3.46	9.62	-7.85	0.82	0.82	0.00	MWD
458.00	0.90	73.30	457.76	4.38	12.26	-9.98	2.75	-2.75	3.87	MWD
490.00	0.40	297.10	489.76	4.50	12.40	-10.15	3.81	-1.56	-425.63	MWD
521.00	1.30	266.00	520.76	4.52	11.95	-9.95	3.16	2.90	-100.32	MWD
553.00	5.10	233.50	552.70	3.65	10.44	-8.44	12.70	11.87	-101.56	MWD
584.00	9.40	229.00	583.45	1.17	7.42	-4.77	13.98	13.87	-14.52	MWD
616.00	14.40	228.90	614.75	-3.16	2.45	1.49	15.63	15.62	-0.31	MWD
648.00	19.50	229.70	645.35	-9.24	-4.63	10.31	15.95	15.94	2.50	MWD
680.00	24.30	227.40	675.03	-17.15	-13.55	21.65	15.23	15.00	-7.19	MWD
712.00	27.20	222.30	703.86	-27.02	-23.32	35.11	11.40	9.06	-15.94	MWD
744.00	29.00	214.50	732.09	-38.83	-32.64	50.01	12.77	5.62	-24.37	MWD
776.00	30.20	207.80	759.92	-52.34	-40.79	65.79	10.99	3.75	-20.94	MWD
807.00	32.80	206.00	786.35	-66.79	-48.11	81.95	8.92	8.39	-5.81	MWD
839.00	36.60	209.00	812.66	-82.93	-56.54	100.14	13.02	11.87	9.37	MWD
871.00	40.70	210.10	837.65	-100.31	-66.40	120.12	12.99	12.81	3.44	MWD
903.00	45.00	212.30	861.10	-118.91	-77.68	141.87	14.23	13.44	6.87	MWD
935.00	49.20	211.90	882.88	-138.76	-90.14	165.30	13.16	13.12	-1.25	MWD
967.00	52.60	211.70	903.06	-159.87	-103.22	190.12	10.64	10.62	-0.62	MWD
999.00	56.30	209.90	921.66	-182.23	-116.54	216.15	12.43	11.56	-5.62	MWD
1030.00	59.70	210.40	938.09	-204.96	-129.74	242.43	11.05	10.97	1.61	MWD
1062.00	62.90	210.70	953.45	-229.13	-144.01	270.50	10.03	10.00	0.94	MWD

Strata Directional Technology, Inc.

Survey Report

Company: ROSEWOOD RESOURCES INC.	Date: 9/22/2006	Time: 10:36:26	Page: 2
Field: Sherman County, KS	Co-ordinate(NE) Reference: Well: #21-21H, Grid North		
Site: C. Ihrig 21-21H	Vertical (TVD) Reference: 3550'GL+4'KB 3584.0		
Well: #21-21H	Section (VS) Reference: Well (0.00N,0.00E,210.40Azi)		
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
1094.00	66.20	210.80	967.20	-253.96	-158.78	299.39	10.32	10.31	0.31	MWD
1126.00	67.70	212.50	979.73	-279.02	-174.23	328.82	6.77	4.69	5.31	MWD
1158.00	69.50	212.70	991.41	-304.12	-190.28	358.60	5.66	5.62	0.62	MWD
1190.00	72.10	211.60	1001.93	-329.70	-206.36	388.80	8.75	8.12	-3.44	MWD
1222.00	76.00	211.20	1010.72	-355.96	-222.39	419.56	12.25	12.19	-1.25	MWD
1228.09	76.67	211.08	1012.16	-361.02	-225.45	425.47	11.09	10.94	-1.90	BHL
1254.00	79.50	210.60	1017.51	-382.79	-238.44	450.82	11.09	10.94	-1.87	MWD
1286.00	80.60	209.70	1023.04	-410.04	-254.27	482.34	4.41	3.44	-2.81	MWD
1318.00	80.40	209.50	1028.32	-437.48	-269.86	513.90	0.88	-0.62	-0.62	MWD
1349.00	82.70	209.90	1032.88	-464.12	-285.06	544.56	7.53	7.42	1.29	MWD
1381.00	87.10	214.10	1035.72	-491.13	-301.94	576.40	18.97	13.75	13.12	MWD
1413.00	89.80	209.90	1036.59	-518.25	-318.89	608.37	15.60	8.44	-13.12	MWD
1445.00	89.60	209.60	1036.75	-546.03	-334.77	640.36	1.13	-0.62	-0.94	MWD
1540.00	93.80	211.50	1033.94	-627.79	-383.02	735.30	4.85	4.42	2.00	MWD
1635.00	92.70	208.90	1028.55	-709.76	-430.72	830.13	2.97	-1.16	-2.74	MWD
1731.00	90.60	206.80	1025.79	-794.59	-475.54	925.99	3.09	-2.19	-2.19	MWD
1826.00	88.90	206.30	1026.20	-879.57	-518.00	1020.77	1.87	-1.79	-0.53	MWD
1922.00	90.00	206.30	1027.12	-965.63	-560.54	1116.52	1.15	1.15	0.00	MWD
2017.00	90.60	206.10	1026.62	-1050.87	-602.48	1211.26	0.67	0.63	-0.21	MWD
2111.00	88.80	207.30	1027.12	-1134.84	-644.71	1305.06	2.30	-1.91	1.28	MWD
2207.00	89.80	206.90	1028.29	-1220.29	-688.44	1400.89	1.12	1.04	-0.42	MWD
2302.00	90.80	208.40	1027.79	-1304.44	-732.52	1495.78	1.90	1.05	1.58	MWD
2397.00	91.80	208.50	1025.64	-1387.94	-777.77	1590.69	1.06	1.05	0.11	MWD
2493.00	91.10	208.00	1023.21	-1472.48	-823.19	1686.60	0.90	-0.73	-0.52	MWD
2587.00	90.60	207.70	1021.81	-1555.58	-867.10	1780.49	0.62	-0.53	-0.32	MWD
2682.00	91.60	207.70	1019.99	-1639.68	-911.25	1875.37	1.05	1.05	0.00	MWD
2777.00	92.20	208.20	1016.84	-1723.55	-955.75	1970.23	0.82	0.63	0.53	MWD
2872.00	90.20	208.70	1014.85	-1807.05	-1001.00	2065.15	2.17	-2.11	0.53	MWD
2967.00	89.20	208.20	1015.35	-1890.58	-1046.26	2160.09	1.18	-1.05	-0.53	MWD
3063.00	90.00	209.00	1016.02	-1974.86	-1092.21	2256.04	1.18	0.83	0.83	MWD
3158.00	88.20	209.60	1017.51	-2057.69	-1138.69	2351.00	2.00	-1.89	0.63	MWD
3181.00	88.00	209.20	1018.27	-2077.72	-1149.98	2373.99	1.94	-0.87	-1.74	MWD
3235.00	88.00	209.20	1020.16	-2124.83	-1176.30	2427.94	0.00	0.00	0.00	Project

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map	Map	<--- Latitude --->			<--- Longitude --->		
					Northing ft	Easting ft	Deg	Min	Sec	Deg	Min	Sec
Surface		0.00	0.00	0.00	423454.50	960176.70	39	26	16.626 N	101	40	57.170 W
BHL		1012.16	-2124.83	-1176.30	421329.67	959000.40	39	25	55.169 N	101	41	11.048 W