

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. _____

| | | |
|-----------------------------------|------------------|---|
| <u>9/8/2006</u> | <u>9/16/2006</u> | <u>9/17/2006</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 181-20460-0100
County: Sherman
NW NE NW NE Sec. 26 Twp. 7 S. R. 39 East West
125 feet from S / N (circle one) Line of Section
1910 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Schwendener Well #: 21-26H
Field Name: Goodland
Producing Formation: Niobrara
Elevation: Ground: 3597' Kelly Bushing: 3616'
Total Depth: 3456' Plug Back Total Depth: 3133'
Amount of Surface Pipe Set and Cemented at 394KB Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1156 Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx.cmt.

Att-1-Dlg-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 Gerwe
Title: Production Asst. Date: 12-20-06
Subscribed and sworn to before me this 20 day of December
2006
Notary Public: Kathy Roelfs
Date Commission Expires: 6-3-09

KCC Office Use ONLY

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

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 26 2006
CONSERVATION DIVISION
WICHITA, KS

NOTARY PUBLIC - State of Kansas
KATHY ROELFS
My Appt. Exp. 6-3-09

✓

Operator Name: Rosewood Resources, Inc. Lease Name: Schwendener Well #: 21-26H
 Sec. 26 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 <i>(Attach Additional Sheets)</i> 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 <i>(Submit Copy)</i> List All E. Logs Run: GR | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Niobrara 1021' KB 12 |
|---|---|

| 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 | 12 1/4" | 9 5/8" | 32# | 370' | H | 200 | 2% Cacl. |
| Intermediate | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Production | 6 1/8" | 4 1/2" | 10.5# | 3133' | type 1 | 50 | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|---------------------------------------|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| ___ Perforate | | | | |
| ___ Protect Casing | | | | |
| ___ Plug Back TD | | | | |
| ___ 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 |
|----------------|---|---|-------|
| n/a | n/a | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|---------------|------|--------|-----------|---|
| 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. 11/20/2006 | | 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 |
| | | 50 | | | |

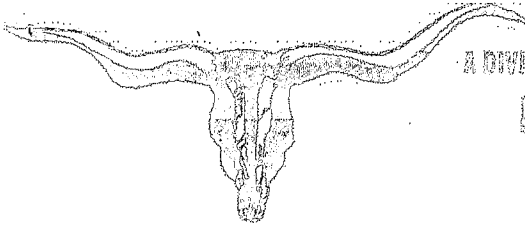
Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

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

Production Interval

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KANSAS CORPORATION COMMISSION
DEC 26 2006
 CONSERVATION DIVISION
 WICHITA, KS

FIELD SERVICE TICKET
AND INVOICE



A DIVISION OF ADVANCED DRILLING TECHNOLOGIES, LLC.

LONGHORN CEMENTING CO.

P.O. BOX 203 YUMA, COLORADO 80758
Phone: 970-848-0799 Fax: 970-848-0799

0850

DATE 9-17-06 TICKET NO.

| | | | | | | | |
|-------------------------------------|---------------------------|--|---|-------------------------------|---------------------------------------|------------------------------|--------------------|
| JOB NO. <u>4-1706</u> | 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. |
| WELL NAME <u>Rosewood</u> | LEASE <u>Schwandorfer</u> | 21-26 # | | WELL NO. | | | |
| ADDRESS | COUNTY | STATE | | | | | |
| CITY | STATE | SERVICE CREW <u>Mike - Jorge</u> | | | | | |
| AUTHORIZED BY | EQUIPMENT <u>177</u> | | | | | | |
| TYPE JOB <u>Logback up</u> | DEPTH FT. | CEMENT DATA | BULK <input type="checkbox"/> | SAND DATA | SACKS <input type="checkbox"/> | TRUCK CALLED | DATE AM PM |
| SIZE HOLE <u>6 1/2</u> | DEPTH FT. | SACKS | BRAND <u>A</u> | TYPE <u>7.5</u> | % GEL | ARRIVED AT JOB | AM PM |
| SIZE & WT CASING <u>5 1/2 14 lb</u> | DEPTH FT. | | | | | START OPERATION | AM PM |
| SIZE & WT PIPE OR TUBING | DEPTH FT. | | | | | FINISH OPERATION | AM PM |
| TOP FILTERS | TYPE | WEIGHT OF SLURRY <u>11.8</u> | LSB / GAL <u>2.3</u> | RES. / GAL | RELEASED | | |
| | | VOLUME OF SLURRY <u>100</u> | <u>100</u> SACKS CEMENT TREATED WITH <u>2</u> % OF <u>hcl</u> | | MILES FROM STATION TO WELL <u>100</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 of an officer of Advanced Drilling Technologies, LLC.

SIGNED:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM / PRICE / QTY NUMBER | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------------|---------------------------------------|------|-----------|------------|-----------|
| 001-1 | Depth Charge | | | 1.500 | 00 |
| 100-1 | ablonge | | 200 miles | 21.20 | 00 |
| 200-1 | Cement per sack | | 50 | 8.75 | 00 |
| 300-2 | 4 1/2 Accu-Sand Elast Sloce | | 1 | 267 | 07 |
| 300-4 | 4 1/2 Latchdown plug & Baffle | | 1 | 226 | 00 |
| 300-6 | 4 1/2 Cement Baskets | | 6 | 215 | 04 |
| 300-7 | 4 1/2 Cement Baskets | | 2 | 300 | 00 |
| 300-9 | 4 1/2 cable Scratchers | | 3 | 278 | 40 |
| 300-12 | 3" Centralizer | | 1 | 36 | 44 |
| 400-2 | Chugstay | | 2.5 | 236 | 25 |
| 400-4 | HCL | | 100 lb | 40 | 30 |
| | Open Valve 1100 psi | | | | 6,144 |
| | Cement 11.8 | | | | 50 |
| | Displacement 1.8 | | | | |
| | Bump plug 1500 psi | | | | |
| SUB TOTAL | | | | | |

| 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: [Signature]

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT) RECEIVED

KANSAS CORPORATION COMMISSION

DEC 26 2006

CONSERVATION DIVISION
WICHITA, KS

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

FIELD REPORT
SURFACE CASING, DRILLING AND CEMENTING

DRILLING DATE 9-8-06

WELL NAME & LEASE # Schwendener 21-26H.

MOVE IN, RIG UP, DIG PITS ETC. DATE 9-8-06 TIME 12:30 AM PM

SPUD TIME 1:00 AM PM SHALE DEPTH 305 TIME 2:45 AM PM

HOLE DIA. 9 1/2 FROM ϕ TO 385 TD TIME 3:30 AM PM

CIRCULATE, T.O.O.H., SET 381.25 FT CASING 394.25 KB FT DEPTH

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

PUMP 103 SAC CEMENT 575 GAL DISP. CIRC. 3 BBL TO PIT

PLUG DOWN TIME 3:15 AM PM DATE 9-8-06

CEMENT LEFT IN CSG. 50'
CENTRALIZER 1

TYPE: PORTLAND CEMENT III ASTM C 150
CEMENT COST \$ 1669.59

ELEVATION 3597

12KB 3609

PIPE TALLY

1. 42.34
2. 42.38
3. 42.32
4. 42.40
5. 42.39
6. 42.37
7. 42.33
8. 42.30
9. 42.42
- 10.
- 11.
- 12.
- 13.

TOTAL 381.25

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DEC 26 2006

CONSERVATION DIVISION
WICHITA, KS

15-181-20460-01-00

ROSEWOOD RESOURCES INC.

Field: Sherman County, KS
 Site: Schwendener 21-26H
 Well: #21-26H
 Wellpath: Lateral



Azimuths to Grid North
 True North: 2.31°
 Magnetic North: 9.94°

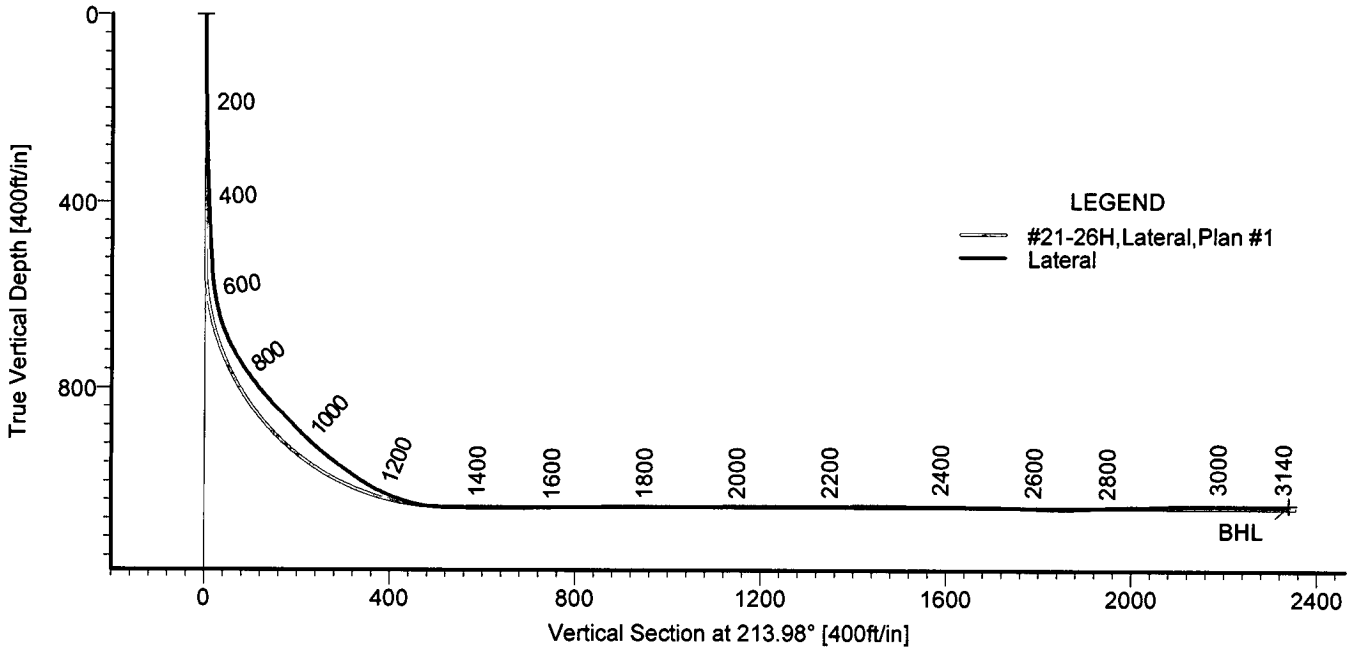
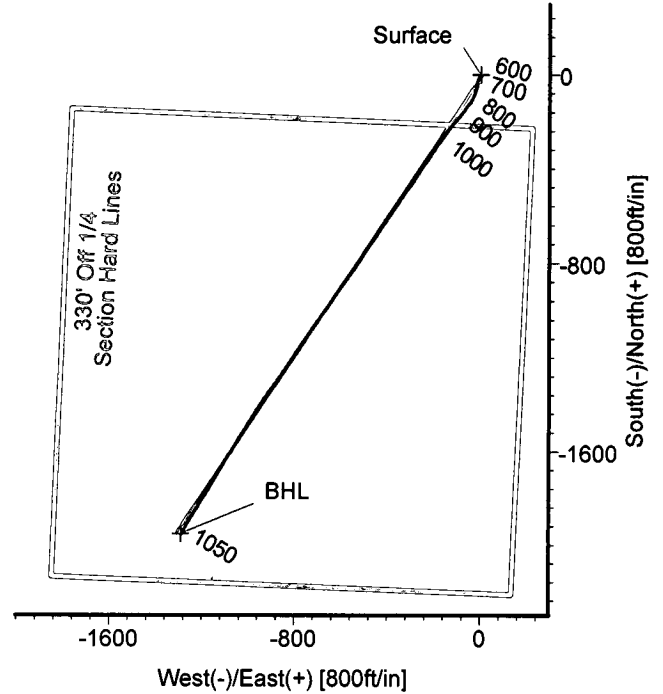
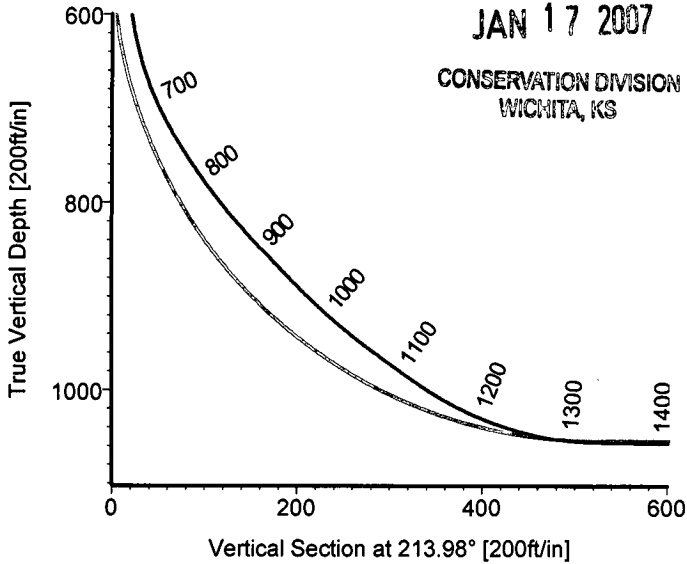
Magnetic Field
 Strength: 53489nT
 Dip Angle: 66.93°
 Date: 9/14/2006
 Model: igrf2005



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CONSERVATION DIVISION
 WICHITA, KS



LEGEND
 — #21-26H, Lateral, Plan #1
 — Lateral

TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|---------|---------|----------|----------|-----------|-----------|---------------|----------------|-------|
| Surface | 0.00 | 0.00 | 0.00 | 417760.70 | 970829.20 | 39°25'24.653N | 101°38'38.584W | Point |
| BHL | 1050.46 | -1951.78 | -1289.74 | 415808.92 | 969539.46 | 39°25'04.864N | 101°38'54.005W | Point |



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

Wellpath: (#21-26H/Lateral)
 Created By: David Vogler Date: 10/10/2006
 Checked: _____ Date: _____

Strata Directional Technology, Inc.

Survey Report

| | | | |
|---|---|-----------------------|----------------|
| Company: ROSEWOOD RESOURCES INC. | Date: 10/10/2006 | Time: 11:12:57 | Page: 1 |
| Field: Sherman County, KS | Co-ordinate(NE) Reference: Well: #21-26H, Grid North | | |
| Site: Schwendener 21-26H | Vertical (TVD) Reference: 3603'GL+7'KB 3610.0 | | |
| Well: #21-26H | Section (VS) Reference: Well (0.00N,0.00E,213.98Azi) | | |
| 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: Schwendener 21-26H | | |
| Site Position: | Northing: 417760.70 ft | Latitude: 39 25 24.653 N |
| From: Map | Easting: 970829.20 ft | Longitude: 101 38 38.584 W |
| Position Uncertainty: 0.00 ft | North Reference: Grid | |
| Ground Level: 3603.00 ft | Grid Convergence: -2.31 deg | |

| | |
|--|-----------------------------------|
| Well: #21-26H | Slot Name: |
| SL calculated as 180' due East of plat | |
| Well Position: +N/-S 0.00 ft | Northing: 417760.70 ft |
| +E/-W 0.00 ft | Easting: 970829.20 ft |
| Position Uncertainty: 0.00 ft | Latitude: 39 25 24.653 N |
| | Longitude: 101 38 38.584 W |

| | |
|---|---|
| Wellpath: Lateral | Drilled From: Surface |
| Current Datum: 3603'GL+7'KB | Tie-on Depth: 0.00 ft |
| Magnetic Data: 9/14/2006 | Above System Datum: Mean Sea Level |
| Field Strength: 53489 nT | Declination: 7.63 deg |
| Vertical Section: Depth From (TVD) | Mag Dip Angle: 66.93 deg |
| ft | +N/-S |
| | +E/-W |
| | Direction |
| | deg |
| 0.00 | 0.00 |
| | 0.00 |
| | 213.98 |

| | | | |
|---|----------------------|-----------------------------|------------------|
| Survey Program for Definitive Wellpath | | | |
| Date: 10/10/2006 | Validated: No | Version: 0 | |
| Actual From | To | Survey | Tool Name |
| ft | ft | | |
| 423.00 | 3087.00 | Survey #1 (423.00-3087.00) | MWD |
| 3140.00 | 3140.00 | Survey #2 (3140.00-3140.00) | Project |

| 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 |
| 423.00 | 2.20 | 212.00 | 422.90 | -6.89 | -4.30 | 8.12 | 0.52 | 0.52 | 0.00 | MWD |
| 446.00 | 2.40 | 227.60 | 445.88 | -7.59 | -4.89 | 9.02 | 2.85 | 0.87 | 67.83 | MWD |
| 455.00 | 2.80 | 227.60 | 454.87 | -7.86 | -5.19 | 9.42 | 4.44 | 4.44 | 0.00 | MWD |
| 487.00 | 3.70 | 251.50 | 486.82 | -8.72 | -6.75 | 11.00 | 5.02 | 2.81 | 74.69 | MWD |
| 551.00 | 5.00 | 212.60 | 550.65 | -11.72 | -10.21 | 15.43 | 4.91 | 2.03 | -60.78 | MWD |
| 582.00 | 7.30 | 192.50 | 581.47 | -14.78 | -11.37 | 18.61 | 10.06 | 7.42 | -64.84 | MWD |
| 614.00 | 11.10 | 198.10 | 613.05 | -19.70 | -12.76 | 23.47 | 12.19 | 11.87 | 17.50 | MWD |
| 646.00 | 16.60 | 189.50 | 644.11 | -27.14 | -14.48 | 30.60 | 18.31 | 17.19 | -26.87 | MWD |
| 677.00 | 22.10 | 190.70 | 673.35 | -37.25 | -16.29 | 39.99 | 17.79 | 17.74 | 3.87 | MWD |
| 709.00 | 27.10 | 194.60 | 702.44 | -50.22 | -19.25 | 52.40 | 16.42 | 15.62 | 12.19 | MWD |
| 741.00 | 32.20 | 196.60 | 730.24 | -65.46 | -23.53 | 67.43 | 16.23 | 15.94 | 6.25 | MWD |
| 773.00 | 34.50 | 201.10 | 756.97 | -82.09 | -29.22 | 84.40 | 10.55 | 7.19 | 14.06 | MWD |
| 805.00 | 37.10 | 210.30 | 782.94 | -98.89 | -37.36 | 102.89 | 18.66 | 8.12 | 28.75 | MWD |
| 837.00 | 39.80 | 217.50 | 808.02 | -115.36 | -48.48 | 122.75 | 16.33 | 8.44 | 22.50 | MWD |
| 869.00 | 43.20 | 216.50 | 831.98 | -132.30 | -61.23 | 143.92 | 10.82 | 10.62 | -3.12 | MWD |
| 900.00 | 44.70 | 216.20 | 854.30 | -149.62 | -73.98 | 165.42 | 4.89 | 4.84 | -0.97 | MWD |
| 932.00 | 44.10 | 216.80 | 877.16 | -167.62 | -87.30 | 187.79 | 2.29 | -1.87 | 1.87 | MWD |
| 964.00 | 45.80 | 218.60 | 899.81 | -185.50 | -101.13 | 210.35 | 6.63 | 5.31 | 5.62 | MWD |
| 996.00 | 48.40 | 219.50 | 921.59 | -203.70 | -115.89 | 233.69 | 8.38 | 8.12 | 2.81 | MWD |
| 1028.00 | 51.50 | 219.00 | 942.18 | -222.67 | -131.39 | 258.08 | 9.76 | 9.69 | -1.56 | MWD |
| 1059.00 | 54.40 | 217.00 | 960.85 | -242.17 | -146.61 | 282.76 | 10.68 | 9.35 | -6.45 | MWD |

Strata Directional Technology, Inc.

Survey Report

Company: ROSEWOOD RESOURCES INC.
Field: Sherman County, KS
Site: Schwendener 21-26H
Well: #21-26H
Wellpath: Lateral

Date: 10/10/2006 **Time:** 11:12:57 **Page:** 2
Co-ordinate(NE) Reference: Well: #21-26H, Grid North
Vertical (TVD) Reference: 3603'GL+7'KB 3610.0
Section (VS) Reference: Well (0.00N,0.00E,213.98Azi)
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 |
|----------|-------------|-------------|-----------|-------------|-------------|----------|------------------|--------------------|-------------------|--------------|
| 1091.00 | 54.60 | 216.10 | 979.44 | -263.10 | -162.13 | 308.78 | 2.37 | 0.62 | -2.81 | MWD |
| 1123.00 | 56.60 | 216.50 | 997.51 | -284.38 | -177.76 | 335.16 | 6.33 | 6.25 | 1.25 | MWD |
| 1155.00 | 61.60 | 215.00 | 1013.94 | -306.66 | -193.79 | 362.60 | 16.13 | 15.62 | -4.69 | MWD |
| 1187.00 | 66.50 | 213.30 | 1027.94 | -330.47 | -209.93 | 391.36 | 16.04 | 15.31 | -5.31 | MWD |
| 1219.00 | 71.60 | 213.90 | 1039.38 | -355.35 | -226.46 | 421.24 | 16.03 | 15.94 | 1.87 | MWD |
| 1250.00 | 76.70 | 215.70 | 1047.84 | -379.82 | -243.48 | 451.04 | 17.37 | 16.45 | 5.81 | MWD |
| 1282.00 | 82.80 | 212.70 | 1053.54 | -405.86 | -261.16 | 482.51 | 21.18 | 19.06 | -9.37 | MWD |
| 1314.00 | 87.70 | 212.60 | 1056.19 | -432.70 | -278.36 | 514.38 | 15.32 | 15.31 | -0.31 | MWD |
| 1346.00 | 89.10 | 215.30 | 1057.08 | -459.23 | -296.22 | 546.37 | 9.50 | 4.37 | 8.44 | MWD |
| 1377.00 | 89.50 | 214.30 | 1057.46 | -484.68 | -313.91 | 577.36 | 3.47 | 1.29 | -3.23 | MWD |
| 1409.00 | 89.30 | 214.80 | 1057.79 | -511.04 | -332.06 | 609.36 | 1.68 | -0.62 | 1.56 | MWD |
| 1441.00 | 89.20 | 215.40 | 1058.21 | -537.22 | -350.46 | 641.35 | 1.90 | -0.31 | 1.87 | MWD |
| 1472.00 | 91.00 | 215.50 | 1058.16 | -562.47 | -368.44 | 672.34 | 5.82 | 5.81 | 0.32 | MWD |
| 1504.00 | 91.90 | 214.20 | 1057.35 | -588.72 | -386.72 | 704.32 | 4.94 | 2.81 | -4.06 | MWD |
| 1535.00 | 91.70 | 214.10 | 1056.38 | -614.36 | -404.11 | 735.31 | 0.72 | -0.65 | -0.32 | MWD |
| 1631.00 | 90.20 | 214.20 | 1054.78 | -693.80 | -457.99 | 831.29 | 1.57 | -1.56 | 0.10 | MWD |
| 1726.00 | 90.60 | 213.90 | 1054.12 | -772.51 | -511.18 | 926.29 | 0.53 | 0.42 | -0.32 | MWD |
| 1821.00 | 90.00 | 215.50 | 1053.62 | -850.61 | -565.26 | 1021.28 | 1.80 | -0.63 | 1.68 | MWD |
| 1916.00 | 90.30 | 215.50 | 1053.37 | -927.95 | -620.43 | 1116.24 | 0.32 | 0.32 | 0.00 | MWD |
| 2011.00 | 90.60 | 215.20 | 1052.63 | -1005.43 | -675.39 | 1211.21 | 0.45 | 0.32 | -0.32 | MWD |
| 2106.00 | 89.80 | 216.00 | 1052.30 | -1082.67 | -730.69 | 1306.17 | 1.19 | -0.84 | 0.84 | MWD |
| 2202.00 | 90.60 | 213.30 | 1051.96 | -1161.64 | -785.27 | 1402.16 | 2.93 | 0.83 | -2.81 | MWD |
| 2297.00 | 89.50 | 214.20 | 1051.88 | -1240.62 | -838.05 | 1497.15 | 1.50 | -1.16 | 0.95 | MWD |
| 2393.00 | 89.40 | 215.70 | 1052.80 | -1319.30 | -893.04 | 1593.13 | 1.57 | -0.10 | 1.56 | MWD |
| 2488.00 | 89.10 | 214.10 | 1054.04 | -1397.21 | -947.38 | 1688.11 | 1.71 | -0.32 | -1.68 | MWD |
| 2583.00 | 87.50 | 212.00 | 1056.86 | -1476.80 | -999.17 | 1783.05 | 2.78 | -1.68 | -2.21 | MWD |
| 2679.00 | 92.00 | 212.10 | 1057.28 | -1558.14 | -1050.10 | 1878.97 | 4.69 | 4.69 | 0.10 | MWD |
| 2868.00 | 91.80 | 211.00 | 1051.01 | -1719.11 | -1148.93 | 2067.69 | 0.59 | -0.11 | -0.58 | MWD |
| 2964.00 | 90.10 | 212.10 | 1049.42 | -1800.91 | -1199.15 | 2163.58 | 2.11 | -1.77 | 1.15 | MWD |
| 3059.00 | 89.50 | 211.40 | 1049.75 | -1881.69 | -1249.14 | 2258.51 | 0.97 | -0.63 | -0.74 | MWD |
| 3087.00 | 89.50 | 209.80 | 1050.00 | -1905.79 | -1263.40 | 2286.46 | 5.71 | 0.00 | -5.71 | MWD |
| 3140.00 | 89.50 | 209.80 | 1050.46 | -1951.78 | -1289.74 | 2339.32 | 0.00 | 0.00 | 0.00 | Project |

Targets

| Name | Description | | TVD ft | +N/-S ft | +E/-W ft | Map Northing ft | Map Easting ft | <--- Latitude ---> | | | <--- Longitude ---> | | | | |
|---------|-------------|------|-----------|-------------|-------------|-----------------------|----------------------|--------------------|-----|--------|---------------------|-----|-----|--------|---|
| | Dip. | Dir. | | | | | | Deg | Min | Sec | Deg | Min | Sec | | |
| Surface | | | 0.00 | 0.00 | 0.00 | 417760.70 | 970829.20 | 39 | 25 | 24.653 | N | 101 | 38 | 38.584 | W |
| BHL | | | 1050.46 | -1951.78 | -1289.74 | 415808.92 | 969539.46 | 39 | 25 | 4.864 | N | 101 | 38 | 54.005 | W |