Amended

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 ____ SIOW ____ 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.

10/12/2006	11/05/2006	11/06/2006
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 181-20452-0~~0~~-00
County: Sherman
NW - NE - NE - NW Sec. 11 Twp. 7 S. R. 39 ☐ East ☑ West
125 feet from S / (N) (circle one) Line of Section
2050 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Yarger Well #: 21-11H
Field Name: Goodland
Producing Formation: Niobrara
Elevation: Ground: 3487' Kelly Bushing: 3494'
Total Depth: 3084' Plug Back Total Depth: 3029'
Amount of Surface Pipe Set and Cemented at 378' KB Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set ____ Feet
If Alternate II completion, cement circulated from ____
feet depth to ____ w/ ____ sx cmt.

Drilling Fluid Management Plan NH 6-23-08
(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 Cewell
Title: Production Asst. Date: 2-1-07
Subscribed and sworn to before me this 1 day of February, 20 07.
Notary Public: Kathy Roelfs
Date Commission Expires: 6-3-09

NOTARY PUBLIC - State of Kansas
KATHY ROELFS
My Appt. Exp. 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 0 2 2007
CONSERVATION DIVISION
WICHITA, KS

Side Two

Operator Name: Rosewood Resources, Inc. Lease Name: Yarger Well #: 21-11H

Sec. 11 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 (Attach Additional Sheets)	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run (Submit Copy)	☑ Yes	☐ No

List All E. Logs Run:

GR

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Niobrara	944'	KB 12

CASING RECORD ☑ New ☐ 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#	378'	Neat	135	
Intermediate	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Production	6 1/4"	4 1/2"	10.5#	3029'	type 1	75	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	2925' to 2940'	Frac w/57,987 gals of Mavfoam 70q & 97,770#	
		20/40 RMB sand scf N2	
4	1215' to 1230'	Frac w/53,595 gals of Mavfoam 70q & 97,770#	
		20/40 RMB sand scf N2	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	none			☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
12/08/2006	☑ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	n/a	30	n/a		

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☑ Sold ☐ Used on Lease (If vented, Submit ACO-18.)

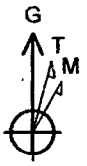
☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify)

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 0 2 2007
CONSERVATION DIVISION
WICHITA, KS

ROSEWOOD RESOURCES INC.

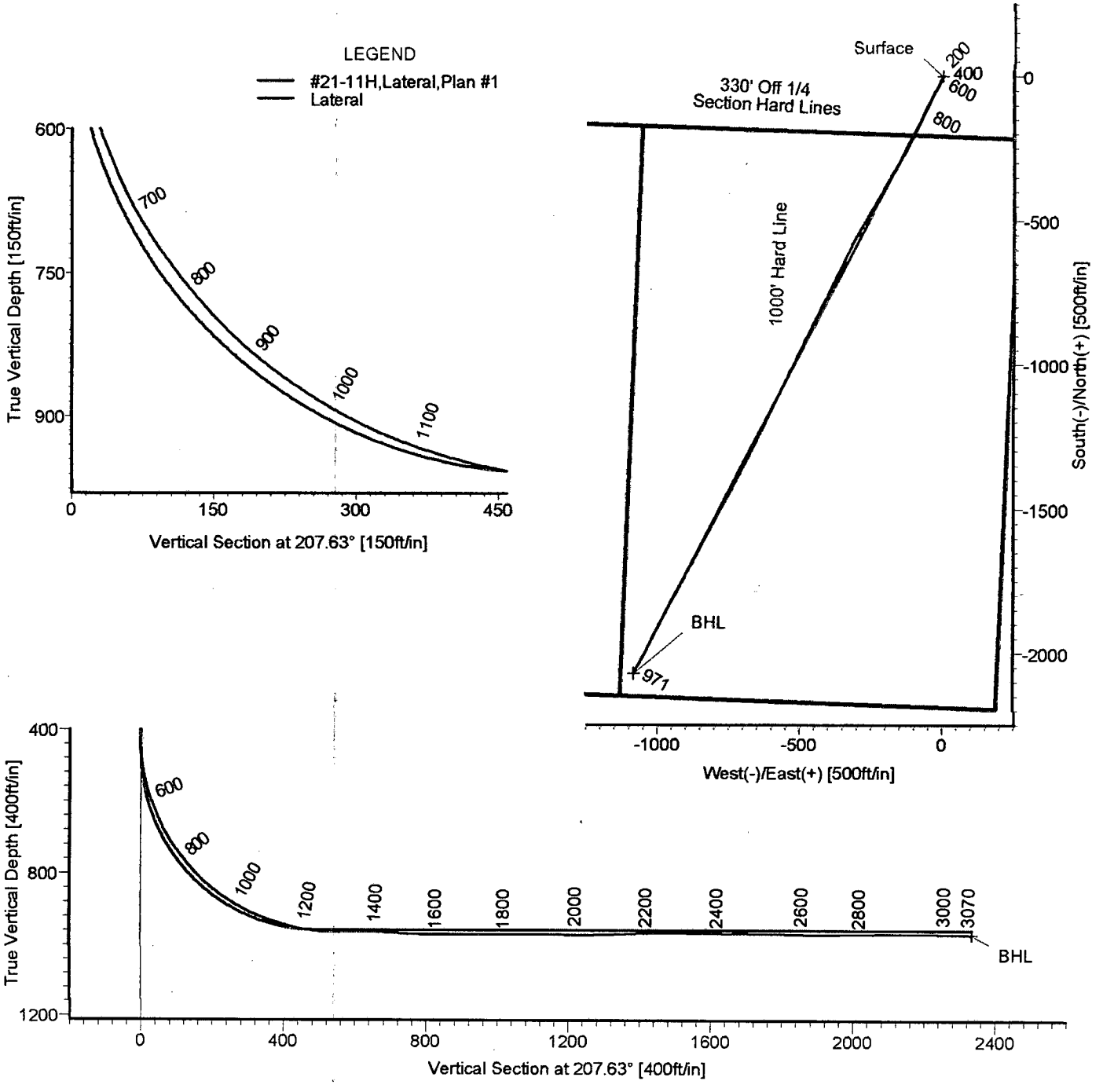
Field: Sherman County, KS
Site: Yarger 21-11H
Well: #21-11H
Wellpath: Lateral



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

Magnetic Field
Strength: 53499nT
Dip Angle: 66.97°
Date: 10/27/2006
Model: igrf2005

ROSEWOOD RESOURCES



TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Surface	0.00	0.00	0.00	433572.40	971436.50	39°28'01.048N	101°38'38.958W	Point
BHL	971.17	-2070.59	-1083.76	431501.81	970352.74	39°27'40.169N	101°38'51.703W	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: (#21-11H/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: 13:58:47	Page:	1
Field:	Sherman County, KS	Co-ordinate(NE) Reference:	Well: #21-11H, Grid North		
Site:	Yarger 21-11H	Vertical (TVD) Reference:	3487'+7'KB 3494.0		
Well:	#21-11H	Section (VS) Reference:	Well (0.00N,0.00E,207.63Azi)		
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: Yarger 21-11H

Site Position:		Northing:	433572.40 ft	Latitude:	39 28 1.048	N	
From:	Map	Easting:	971436.50 ft	Longitude:	101 38 38.958	W	
Position Uncertainty:	0.00 ft			North Reference:	Grid		
Ground Level:	0.00 ft			Grid Convergence:	-2.31 deg		

Well: #21-11H **Slot Name:**

Well Position:	+N/-S	0.00 ft	Northing:	433572.40 ft	Latitude:	39 28 1.048	N	
	+E/-W	0.00 ft	Easting:	971436.50 ft	Longitude:	101 38 38.958	W	
Position Uncertainty:		0.00 ft						

Wellpath: Lateral

Drilled From:	Surface				
Tie-on Depth:	0.00 ft				
Current Datum:	3487'+7'KB	Height 3494.00 ft	Above System Datum:	Mean Sea Level	
Magnetic Data:	10/27/2006		Declination:	7.62 deg	
Field Strength:	53499 nT		Mag Dip Angle:	66.97 deg	

Vertical Section:	Depth From (TVD) ft	+N/-S ft	+E/-W ft	Direction deg
	0.00	0.00	0.00	207.63

Survey Program for Definitive Wellpath

Date: 11/13/2006 Validated: No Version: 0

Actual From ft	To ft	Survey	Toolcode	Tool Name
406.00	3020.00	Survey #1 (406.00-3020.00)	MWD	Std MWD
3070.00	3070.00	Survey #2 (3070.00-3070.00)	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
406.00	0.70	22.60	405.99	2.29	0.95	-2.47	0.17	0.17	0.00	MWD
428.00	1.30	229.20	427.99	2.25	0.82	-2.37	8.87	2.73	-697.27	MWD
460.00	4.10	217.60	459.95	1.11	-0.16	-0.91	8.87	8.75	-36.25	MWD
492.00	7.50	211.80	491.78	-1.58	-1.96	2.30	10.77	10.62	-18.12	MWD
524.00	11.50	209.90	523.34	-6.12	-4.65	7.58	12.54	12.50	-5.94	MWD
556.00	14.20	208.00	554.53	-12.35	-8.08	14.69	8.54	8.44	-5.94	MWD
587.00	18.90	205.90	584.24	-20.23	-12.06	23.51	15.28	15.16	-6.77	MWD
619.00	22.40	208.20	614.18	-30.27	-17.21	34.80	11.23	10.94	7.19	MWD
651.00	22.40	210.60	643.77	-40.89	-23.19	46.98	2.86	0.00	7.50	MWD
682.00	27.20	208.30	671.90	-52.22	-29.56	59.97	15.79	15.48	-7.42	MWD
714.00	31.60	207.00	699.77	-66.13	-36.84	75.68	13.89	13.75	-4.06	MWD
746.00	35.70	206.20	726.40	-81.99	-44.77	93.40	12.89	12.81	-2.50	MWD
778.00	38.00	206.80	752.01	-99.16	-53.34	112.59	7.27	7.19	1.87	MWD
809.00	40.30	205.90	776.05	-116.70	-62.02	132.15	7.64	7.42	-2.90	MWD
841.00	43.30	206.20	799.90	-135.86	-71.39	153.47	9.40	9.37	0.94	MWD
873.00	47.50	205.10	822.36	-156.40	-81.24	176.24	13.35	13.12	-3.44	MWD
905.00	52.00	205.40	843.04	-178.48	-91.66	200.63	14.08	14.06	0.94	MWD
936.00	54.90	206.50	861.50	-200.87	-102.56	225.52	9.78	9.35	3.55	MWD
968.00	57.70	207.00	879.25	-224.64	-114.54	252.14	8.85	8.75	1.56	MWD
1000.00	61.40	208.80	895.46	-249.01	-127.45	279.72	12.54	11.56	5.62	MWD
1031.00	64.00	209.20	909.68	-273.10	-140.81	307.25	8.47	8.39	1.29	MWD

Strata Directional Technology, Inc.

Survey Report

Company:	ROSEWOOD RESOURCES INC.	Date: 11/13/2006	Time: 13:58:47	Page:	2
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Well:	#21-11H	Section (VS) Reference:	Well (0.00N,0.00E,207.63Azi)		
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
1063.00	68.50	210.40	922.57	-298.50	-155.37	336.52	14.48	14.06	3.75	MWD
1095.00	71.40	210.30	933.54	-324.44	-170.55	366.54	9.07	9.06	-0.31	MWD
1189.00	79.60	209.30	957.05	-403.35	-215.73	457.40	8.78	8.72	-1.06	MWD
1221.00	83.80	210.60	961.67	-430.78	-231.53	489.03	13.73	13.12	4.06	MWD
1253.00	88.30	210.40	963.87	-458.28	-247.73	520.91	14.08	14.06	-0.62	MWD
1285.00	90.80	210.50	964.13	-485.86	-263.95	552.87	7.82	7.81	0.31	MWD
1316.00	90.90	211.60	963.67	-512.42	-279.94	583.81	3.56	0.32	3.55	MWD
1348.00	90.70	210.10	963.22	-539.89	-296.34	615.75	4.73	-0.62	-4.69	MWD
1380.00	88.60	207.70	963.41	-567.90	-311.81	647.74	9.97	-6.56	-7.50	MWD
1412.00	86.40	205.80	964.81	-596.44	-326.19	679.70	9.08	-6.87	-5.94	MWD
1443.00	85.80	206.10	966.92	-624.25	-339.73	710.62	2.16	-1.94	0.97	MWD
1507.00	88.00	206.80	970.38	-681.47	-368.19	774.50	3.61	3.44	1.09	MWD
1539.00	89.40	206.30	971.11	-710.08	-382.49	806.49	4.65	4.37	-1.56	MWD
1634.00	90.40	206.80	971.27	-795.06	-424.95	901.47	1.18	1.05	0.53	MWD
1730.00	89.50	206.00	971.35	-881.05	-467.64	997.45	1.25	-0.94	-0.83	MWD
1825.00	90.30	206.20	971.52	-966.36	-509.43	1092.41	0.87	0.84	0.21	MWD
1921.00	89.20	206.30	971.94	-1052.46	-551.89	1188.38	1.15	-1.15	0.10	MWD
2016.00	90.90	206.00	971.86	-1137.73	-593.76	1283.35	1.82	1.79	-0.32	MWD
2112.00	93.00	206.10	968.59	-1223.93	-635.89	1379.25	2.19	2.19	0.10	MWD
2208.00	89.90	207.10	966.16	-1309.73	-678.85	1475.19	3.39	-3.23	1.04	MWD
2303.00	88.80	208.00	967.24	-1393.95	-722.79	1570.18	1.50	-1.16	0.95	MWD
2398.00	90.30	209.10	967.99	-1477.39	-768.19	1665.16	1.96	1.58	1.16	MWD
2493.00	88.90	207.90	968.65	-1560.87	-813.52	1760.15	1.94	-1.47	-1.26	MWD
2589.00	88.90	208.20	970.49	-1645.58	-858.65	1856.12	0.31	0.00	0.31	MWD
2684.00	90.70	207.70	970.82	-1729.49	-903.18	1951.12	1.97	1.89	-0.53	MWD
2780.00	90.80	208.70	969.57	-1814.09	-948.54	2047.10	1.05	0.10	1.04	MWD
2873.00	90.20	207.50	968.75	-1896.12	-992.34	2140.10	1.44	-0.65	-1.29	MWD
2969.00	89.20	207.30	969.26	-1981.35	-1036.51	2236.09	1.06	-1.04	-0.21	MWD
3020.00	88.80	208.10	970.15	-2026.50	-1060.22	2287.08	1.75	-0.78	1.57	MWD
3070.00	88.80	208.10	971.19	-2070.59	-1083.76	2337.07	0.00	0.00	0.00	PROJECTED to TD

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			0.00	0.00	0.00	433572.40	971436.50	39 28 1.048 N	101 38 38.958 W
BHL			971.17	-2070.59	-1083.76	431501.81	970352.74	39 27 40.169 N	101 38 51.703 W