

**CONFIDENTIAL**

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 # 33300  
Name: Evergreen Operating Corporation  
Address: 1401 17th Street, Suite 1200  
City/State/Zip: Denver CO 80202  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Tom Erwin  
Phone: ( 303 ) 298-8100 ext 1330  
Contractor: Name: Layne Christensen Company  
License: 32999  
Wellsite Geologist: Richard Robba, PG

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>10/11/2003</u>	<u>10/12/2003</u>	<u>TA</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 10723763 - 00-00  
County: Linn  
\_\_\_\_\_NW\_\_\_\_\_NW\_\_\_\_\_NW Sec. 15 Twp. 20 S. R. 23  East  West  
330 feet from S / (N) (circle one) Line of Section  
330 feet from E / (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE FROM SW  
Lease Name: Stainbrook Well #: 11-15  
Field Name: Forest City Coal Gas Area

Producing Formation: Cherokee Group  
Elevation: Ground: 985 Kelly Bushing: 989  
Total Depth: 880 Plug Back Total Depth: 822  
Amount of Surface Pipe Set and Cemented at 44 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 869  
feet depth to surface w/ 155 sx cmt.  
ALT II WHM 8-16-06

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume 500 bbls  
Dewatering method used Vacuum pit and backfill  
Location of fluid disposal if hauled offsite:  
Operator Name: Evergreen Operating Corporation  
Lease Name: Peckman Angus License No.: 33300  
Quarter NE Sec. 7 Twp. 18S S. R. 24  East  West  
County: Miami Docket No.: D28279

**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: Thomas McErwin  
Title: Sr Operations Engineer Date: 2/11/04  
Subscribed and sworn to before me this 11<sup>th</sup> day of February,  
2004.  
Notary Public: Karna Brun  
Date Commission Expires: 11/24/07

**KCC Office Use ONLY**  
DK 04-CONS-327-CEXC  
YES Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Evergreen Operating Corporation Lease Name: Stainbrook Well #: 11-15
Sec. 15 Twp. 20 S. R. 23 [x] East [ ] West County: Linn

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.

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Drill Stem Tests Taken [ ] Yes [x] No [x] Log Formation (Top), Depth and Datum [ ] Sample
Samples Sent to Geological Survey [ ] Yes [ ] No Stark Shale 944
Cores Taken [ ] Yes [x] No B/Kansas City 906
Electric Log Run [x] Yes [ ] No Altamont: 726
List All E. Logs Run: Summit 405 580
Excello 419 566
Vshale 518 467
Werner 730 255
Mississippi 777 208

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SIL. CNL, CBL

CASING RECORD table with columns: 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. Rows include Surface and Production.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Row includes Protect Casing with Quickcrete and Sand & pea gravel.

PERFORATION RECORD - Bridge Plugs Set/Type table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth. Row includes 'Not perforated at this time'.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run, Date of First, Resumerd Production, SWD or Enhr., Producing Method, Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas METHOD OF COMPLETION Production Interval
[ ] Vented [ ] Sold [ ] Used on Lease [ ] Open Hole [ ] Perf. [ ] Dually Comp. [ ] Commingled
[ ] Other (Specify) TA CP-111 sent 12/30/2003

EVERGREEN RESOURCES INC.

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DAILY DRILLING REPORT

OPERATOR <b>EVERGREEN OPERATING CORP</b>
WELL NAME <b>STAINBROOK #11 - 15</b>
LEGAL LOCATION <b>NWNW SECTION 15, T20S - R23E</b>
COUNTY, STATE <b>LINN COUNTY, KANSAS</b>

DATE <b>10/11/2003</b>	TOTAL DEPTH <b>650' GL</b>
REPORT NO. <b>1</b>	DEPTH (LAST 24 HRS) <b>650'</b>
RIG CONTRACTOR <b>CHRISTENSEN</b>	DAYS SINCE SPUD <b>1</b>
CONSULTANT <b>FRIEDRICHS</b>	AFE # <b>03KS - 018</b>

PRESENT OPERATION			
PRESENT OPERATION <b>DRILLING AT 650' GL.</b>	DAILY COST <b>\$ 13,900</b>	CUM COST <b>\$ 13,900</b>	AFE COSTS <b>\$ 97,157</b>

DAILY DRILLING SUMMARY			
FROM (hrs)	TO (hrs)	HOURS (hrs)	DESCRIPTION OF DAILY OPERATIONS (0:00 - 06:00 hrs)
			NOTIFIED KCC - DISTRICT 3 AND KANSAS ONECALL OF IMPENDING PLANS TO SPUD WELL.
17:00	17:30	0.50	MI & RU LAYNE CHRISTENSEN RIG.
17:30	18:15	0.75	SPUD WELL AT 17:30 HOURS, 10/11/03. HAMMER 11" HOLE WITH AIR DOWN TO 45' GL.
18:15	18:30	0.25	TOOH AND LAYDOWN DC'S.
18:30	18:45	0.25	RUN 1 JT 8-5/8", 24#FT, J-55, ST&C, ERW CASING. SURFACE CASING LANDED AT 44' GL.
18:45	19:00	0.25	CEMENT 8-5/8" CASING WITH 12 SACKS PORTLAND CEMENT. LAYNE CHRISTENSEN MIXED CEMENT AND PLACED DOWN THE BACKSIDE. CEMENT TO SURFACE.
19:00	03:00	8.00	W.O.C. NIPPLEUP ROTATING HEAD AND PREPARE TO DRILL TO TOTAL DEPTH.
03:00	06:00	3.00	HAMMER 8" HOLE FROM 45' - 650' WITH AIR (ROP - 202 FPH).
TOTAL HOURS		13.00	

SUMMARY OF RIG HOURS		
DESC.	DAILY (hrs)	CUM (hrs)
Drill	3.75	3.75
Trip	0.25	0.25
Circulate		
Rig Repair		
Rig Service		
Dev Survey		
NU / ND		
Cement	0.25	0.25
Run Casing	0.25	0.25
WOC	8.00	8.00
OH Logging		
Mix Mud		
MI & RU	0.50	0.50
Rat Hole		
Mouse Hole		
Fishing		
DST		
CH Logging		
Perforating		
Swab		
Frac		
Acidize		
Other		
TOTALS	13.00	13.00

DESCRIPTION OF DAILY & CUMULATIVE COSTS				
COST CODE	DESCRIPTION OF DAILY COSTS	DAILY (\$)	CUMULATIVE (\$)	AFE (\$)
2030.010	Land, Legal, Title, Survey, Arch, Damages, Permits, Signs	\$ 1,050	\$ 1,050	\$ 2,000
2030.031	Dirtwork, Road, Location, Plis, Liner	\$ 200	\$ 200	\$ 1,200
2030.019	Contract Drilling	\$ 10,525	\$ 10,525	\$ 17,650
2032.001	Water	\$ 50	\$ 50	\$ 500
2032.013	Drill Bits, Stabilizers, Reamers			\$ 2,000
2031.046	Cementing and Services			\$ 3,500
2030.053	Coring and Analysis			\$ -
2030.052	Logging			\$ 3,000
2030.054	Mud Logging	\$ 675	\$ 675	\$ 1,200
2030.037	Rental Equipment			\$ 1,000
2030.028	Transportation			\$ 2,250
2030.084	Completion Unit			\$ 3,000
2030.055	Perforating			\$ 1,500
2031.058	Well Stimulation			\$ 30,000
2030.035	Contract Labor	\$ 600	\$ 600	\$ 1,000
2030.022	Engineering / Supervision	\$ 550	\$ 550	\$ 3,100
2030.099	Intangible Miscellaneous and Contingencies			\$ 3,645
2040.001 / 2040.004	Surface and Production Casing	\$ 250	\$ 250	\$ 4,350
2040.007	Tubing			\$ 2,080
2040.023	Float Equipment, Shoes, Centralizers			\$ 1,250
2040.028	Wellhead Equipment			\$ 1,950
2040.016	Bottom Hole Pump / Gas Lift / Other			\$ 1,000
2040.031 / 2040.037	Drivehead, Engine / Motor and Hydraulic Pump / Electric Unit			\$ 5,000
2040.052 / 2040.055	Valves and Fittings, Small / Large			\$ 1,500
2040.067	Other Surface Equipment			\$ 2,500
2040.099	Tangible Miscellaneous and Contingencies			\$ 982
TOTAL COSTS		\$ 13,900	\$ 13,900	\$ 97,157

Customer E.O.C.			Date 10/12/03	F.R. #	Service Supervisor Edward C. Hager								
Lease & Well Name – OCSG Stainbrook 11-15			Location NWNW 15 T20S R23E		County – Parish – Block Linn , Kansas								
Pump Unit #403		Drilling Contractor Rig #			Type of Job 5 ½ Long string								
Size & Types of Plugs			List – CSG - Hardware		Physical Slurry Properties								
Top	5 ½ Rubber Latch		5-Cent. 1-Guide Shoe 1- Baffle plate		Slurry WGT PPG	Slurry YLD Ft <sup>3</sup>	Water GPS	Pump Time Hr:Min	Std Slurry	Std Mix Water			
Btm													
Materials Furnished													
155 sx Vermejo #5					13.3	1.45	9.76						
2 lbs red dye													
Available mix fluid 500 Bbl.					Available Displ. Fluid Bbl.		Total						
Hole			TBG-CSG-D.P.			TBG-CSG-D.P.			Collar Depths				
Size	% Excess	Depth	Size	WGT	Type	Depth	Size	WGT	Type	Depth	Shoe	Float	
7 7/8		885	5 1/2	15.5		870.44					43.22	827.22	
Last Casing			Pkr - Cmt Ret – Br PI - Liner			Perf Depth		Top Conn		Well Fluid			
Csg.	WGT	Type	Depth	Brand & Type		Depth	Top	Btm	Size	Thread	Type	WGT	
8 5/8	23#		44								H2o	8.34	
Cal Displ Vol – Bbl			Cal Psi	Cal Max Psi	OP Max	Max Tbg PSI	Max Csg PSI		Displ Fluid		Water		
TBG	CSG	CSG	Total	Bump Plug	To Rev	SQ PSI	Rated	OP	Rate d	OP	Type	WGT	Source
		19.6	19.6			2000					H2o	8.34	Tank
Explanation: Trouble setting tool, Running CSG, Etc. Prior to cementing:													
Pressure/Rate Detail						Explanation							
Time HR:Min	Pressure – PSI Pipe     Annulus		Rate BPM	Bbl Fluid Pumped	Fluid Type	Safety Meeting: Crew    x                      Co. Rep    x			Testing Lines    x                      Psi 2000				
17:45	80		3	10	H2o	Start Dye/ Water							
17:50	120		3.5	40	Cmt	Start Cement – Vermejo #5							
18:02	0		3	5	H2O	Wash lines							
18:04	100		4	19.6	H2O	Drop Plug / start disp							
18:10	1500					Bump plug							
						Cement did circ.							
						Lifting psi @ 3 bpm							
						5- 160							
						10-175							
						15-300							
	50					Shut in with cement head on well							
Bumped Plug	PSI to Bump Plug	Test Float Equip	Bbl CMT Returns/ Reversed	Total Bbl Pumped	PSI Left On CSG	Spot Top Cement	Service Supervisor						
y	1500	Y / N	9	81.6	50	ground	Edward C. Hager						
		y											

**Professional Energy Services**

9402 Kessler Lane

Shawnee Mission, KS 66212

Ph.913.341.7434

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GEOLOGICAL REPORT

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Operator: **EVERGREEN OPERATING CORPORATION**

Project: Parker C Well Name: Stainbrook 11-15

Location: NW NW NW - 330' FNL and 330' FWL

Sec. 15-T20S-R23E County: Linn State: Kansas

All measurements GL: 989 API: 15-107-23763-00-00

Company: Director of Geology: Mr. Chris Cornelius

Company: Director of Operations: Mr. Dan McGee

Company: Sr. Operations Engineer: Mr. Tom Erwin

Professional Energy Services: Geologist: Richard A. Robba

Drilling Superintendent: Drew Friedrichs

Pattersson Logging: Roger Taylor

Drilling Contractor: Layne Christensen Company

Terra Tek: Adsorptions Technician: Chip DeVaney

Geosearch Logging: Mudlogger: Pat Andrews

Commenced: 10/11/03 Completed: 10/12/03

This geological report is prepared for **EVERGREEN OPERATING CORPORATION**. Wellsite geological supervision was conducted from surface to TD. This well was air drilled and not cored. ROP, gas curves and sample descriptions from rotary chips are recorded on the mud log and formation tops are listed below.

Stainbrook 11-15

Formation E-Log Tops

GL 985

Stark Shale:	47'	Vshale:	518'
B/Kansas City:	79'	Werner	730'
Altamount:	259'	Mississippi:	777'
Summit:	405'	RTD:	800'
Excello:	419'	LTD:	805'

Coal Intersections E-Log

Name	Depth	Name	Depth
Mulberry	314.7-316.3	Fleming	546.2-547
Bevier	498.8-499.1	Bluejacket	631-631.8
Tebo Coal	520.9-521.4	Drywood	668.2-669

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Respectfully submitted,  
Richard A. Robba, PG  
Director of Operations  
Professional Energy Services