

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

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

API No. 15 - 10723764-00-00
County: Linn
SE SE NW Sec. 15 Twp. 20 S. R. 23 East West
2000 feet from S (N) (circle one) Line of Section
2035 feet from E (W) (circle one) Line of Section

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

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Stainbrook 22-15
Field Name: Forest City Coal Gas Area
Producing Formation: Cherokee Group
Elevation: Ground: 992 Kelly Bushing: 992
Total Depth: 901 Plug Back Total Depth: 725

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>10/10/2003</u>	<u>10/11/2003</u>	<u>11/21/2003</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

Amount of Surface Pipe Set and Cemented at 44 Feet
Multiple Stage Cementing Collar Used? Yes No
yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 867
feet depth to surface w/ 181 sx cm.
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 Trucked to disposal well
Location of fluid disposal if hauled offsite: _____
Operator Name: Evergreen Operating Corporation
Lease Name: Peckman Angus License No.: 33300
Quarter NE Sec. 7 Twp. 18 S. R. 24 East West
County: Miami Docket No.: D28279

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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 McQuinn
Title: Sr Operations Engineer Date: 2/11/04
Subscribed and sworn to before me this 11 day of February,
2004.
Notary Public: Karen A Breen
Date Commission Expires: 11/24/07

KCC Office Use ONLY
Yes DKT 04-CONS-327-CEXC
 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 #: 22-15
 Sec. 15 Twp. 20 S. R. 23 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.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)
 List All E. Logs Run:

Log Formation (Top) (Bottom) and Datum Sample

Name	Top	Datum
Stark Shale	48	944
BKC	70	922
Altamount	248	744
Summit	391	601
Excello	403'	589
Vermejo Shale	509'	483
Werner	727	265
Mississippi	777	215

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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	8 5/8	24	44	Portland	12	Neat
Production	7 7/8	5 1/2	15.5	867	Vermejo 5	181	2% cacl2

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	725-730CIBP	Portland	1 sx	

PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated

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	740-770	Acidize w/250 gal 7 1/2% HCL	740-770
	CIBP set @ 730	1 sx cmt on top	
4	680-692		

TUBING RECORD

Size	Set At	Depth	Liner Run
2 7/8	678'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled _____

Production Interval Other (Specify) _____

Customer E.O.C.				Date 10/11/03	F.R. #	Service Supervisor Edward C. Hager							
Lease & Well Name – OCSG Stainbrook 22-15				Location NWNW 36 T19S R22E		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 ³	Water GPS	Pump Time Hr:Min	Std Slurry	Std Mix Water		
Btm													
Materials Furnished				RECEIVED									
181 sx Vermejo #1				CONFIDENTIAL		13.3	1.45	RELEASED					
2 lbs red dye				FEB 17 2004				FROM					
				KCC WICHITA				CONFIDENTIAL					
Available mix fluid 500				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		904	5 1/2	15.5		870					43.5		
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#		43						5 1/2	8rd	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		Rate BPM	Bbl Fluid Pumped	Fluid Type	Safety Meeting: Crew x Co. Rep x							
	Pipe	Annulus				Testing Lines x Psi 2000							
13:28	60		3	10	H2o	Start Dye/ Water							
13:35	50		3.5	47	Cmt	Start Cement – Vermejo #5							
13:46	0		3	5	H2O	Wash lines							
13:47	100		4	19.6	H2O	Drop Plug / start disp							
13:55	1500					Bump plug							
						Cement did circ.							
						Lifting psi @ 3 bpm							
						5- 120							
						10-150							
						15-320							
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	10	81.6	0	ground	Edward C. Hager						
		y											

EVERGREEN RESOURCES, INC.

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DAILY DRILLING REPORT

OPERATOR	EVERGREEN OPERATING CORP
WELL NAME	STAINBROOK #22 - 15
LEGAL LOCATION	SENW SECTION 15, T20S - R23E
COUNTY, STATE	LINN COUNTY, KANSAS

DATE	10/11/2003	TOTAL DEPTH	901' GL
REPORT NO.	1	DEPTH (LAST 24 HRS)	901'
RIG CONTRACTOR	CHRISTENSEN	DAYS SINCE SPUD	1
CONSULTANT	FRIEDRICHS	AFE #	03KS - 002

PRESENT OPERATION			
PRESENT OPERATION	DAILY COST	CUM COST	AFE COSTS
CIRCULATE & CONDITION HOLE. PREPARE TO RUN OPEN HOLE LOGS.	\$ 15,388	\$ 15,388	\$ 95,099

DAILY DRILLING SUMMARY			RELEASED FROM CONFIDENTIAL
FROM (hrs)	TO (hrs)	HOURS (hrs)	DESCRIPTION OF DAILY OPERATIONS (06:00 - 06:00 hrs)
			NOTIFIED KCC - DISTRICT 3 OF AND KANSAS ONE CALL OF IMPENDING PLANS TO SPUD WELL.
12:00	13:00	1.00	MI & RU LAYNE CHRISTENSEN RIG.
13:00	13:45	0.75	SPUD WELL AT 13:00 HOURS, 10/10/03. DRILL 12-1/4" HOLE WITH AIR DOWN TO 45' GL.
13:45	14:00	0.25	TOOH AND LAYDOWN DC'S.
14:00	14:15	0.25	RUN 1 JT 8-5/8", 24#/FT, J-55, ST&C, ERW CASING. SURFACE CASING LANDED AT 44' GL.
14:15	14:30	0.25	CEMENT 8-5/8" CASING WITH 12 SACKS PORTLAND CEMENT. LAYNE CHRISTENSEN MIXED CEMENT AND PLACED DOWN THE BACKSIDE. CEMENT TO SURFACE.
14:30	22:30	8.00	W.O.C. NIPPLE UP ROTATING HEAD WHILE WOC.
22:30	04:30	6.00	DRILL 7-7/8" HOLE FROM 45' GL TO 901' GL (ROP - 143 FPH) WITH AIR. UNABLE TO CONTINUE TO CONTINUE DRILLING DUE TO EXCESSIVE PRODUCED WATER. WELL TRYING TO UNLOAD HOLE.
04:30	06:00	1.50	RU MUD PUMP AND CIRCULATE KICK AROUND WITH PRODUCED WATER FROM RESERVOIR. CHECK WELL AND CHECK FOR FLOW. CIRCULATE AND CONDITION HOLE FOR LOGS AND CASING. RETURNS CLEAN.
TOTAL HOURS		18.00	

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SUMMARY OF RIG HOURS		
DESC.	DAILY (hrs)	CUM (hrs)
Drill	6.75	6.75
Trip	0.25	0.25
Circulate	1.50	1.50
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	1.00	1.00
Rat Hole		
Mouse Hole		
Fishing		
DST		
CH Logging		
Perforating		
Swab		
Frac		
Acidize		
Other		
TOTALS	18.00	18.00

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, Plus, Liner	\$ 400	\$ 400	\$ 1,200
2030.019	Contract Drilling	\$ 11,263	\$ 11,263	\$ 16,400
2032.001	Water	\$ 600	\$ 600	\$ 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
2030.064	Completion Unit			\$ 3,000
2030.055	Perforating			\$ 1,500
2031.058	Well Stimulation			\$ 30,000
2030.035	Contract Labor	\$ 800	\$ 800	\$ 1,000
2030.022	Engineering / Supervision	\$ 550	\$ 550	\$ 3,100
2030.099	Intangible Miscellaneous and Contingencies			\$ 3,583
2040.001 / 2040.004	Surface and Production Casing	\$ 250	\$ 250	\$ 3,900
2040.007	Tubing			\$ 1,820
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			\$ 946
TOTAL COSTS		\$ 15,388	\$ 15,388	\$ 95,099

Professional Energy Services

9402 Kessler Lane
Shawnee Mission, KS 66212
Ph.913.341.7434

GEOLOGICAL REPORT

ORIGINAL

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Operator: **EVERGREEN OPERATING CORPORATION**

Project: Parker C Well Name: Stainbrook 22-15

Location: Ap. SE NW - 2000' FNL and 2035' FWL

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

All measurements GL: 992 API: 15-107-23764-00-00

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

Patterson Logging: Roger Taylor

Drilling Contractor: Layne Christensen Company

Terra Tek: Adsorptions Technician: Chip DeVaney

Geosearch Logging: Mudlogger: Pat Andrews

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

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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 mud rotary chips are recorded on the mud log and formation tops are listed below.

Stainbrook 22-15

Formation E-Log Tops

Stark Shale:	48'	VShale:	509'
B/Kansas City:	70'	Werner	727'
Altamount:	248'	Mississippi:	777'
Summit:	391'	RTD:	953'
Excello:	403'	LTD:	944'

GL 992

Coal Intersections E-Log

Name	Depth	Name	Depth
Mulberry	302.7-304.1	Bluejacket	671.1-672
Bevier	489.5-490.2	Drywood	689.1-690.2
Tebo Coal	513.6-514		

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