

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

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  SIOW  Sp. Abr.  
 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.

1-18-2004 1/29/2004 SI WOCU  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - <sup>085</sup> 025-20065-00-00  
County: Jackson  
SW NW SE Sec. 35 Twp. 5 S. R. 16  East  West  
1965 feet from S / N (circle one) Line of Section  
1995 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Liggatt Well #: 33-35 WD  
Field Name: Forest City Coal Gas Area

Producing Formation:  
Elevation: Ground: 1091 Kelly Bushing: 1091  
Total Depth: 3302 Plug Back Total Depth:  
Amount of Surface Pipe Set and Cemented at 218 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2161 Feet  
If Alternate II completion, cement circulated from  
feet depth to w/ sx cmt.  
ALT 1 WTM 2-6-07

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content N/A ppm Fluid volume 500 bbls  
Dewatering method used Hauled to injection well \*  
Location of fluid disposal if hauled offsite:  
Operator Name: Evergreen Operating Corporation  
Lease Name: Liggatt 33-35 WD License No.: 33300  
Quarter NWSE Sec. 35 Twp. 5 S. R. 16  East  West  
County: Jackson Docket No.:

\*Disposal after completion and Injection application approved.

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 M. Erwin  
Title: Sr. Engineer Date: 5/6/2004  
Subscribed and sworn to before me this 6th day of May, 2004.  
Notary Public: Karen A. Breen  
Date Commission Expires: 11/24/07

KCC Office Use ONLY  
 Letter of Confidentiality Attached  
If Denied, Yes  Date:  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

X



Customer E.O.C.			Date 1/18/04	F.R. #	Service Supervisor Ray Decker								
Lease & Well Name – LIGGATT 33 – 35 WD			Location RANGE5TOWN716E		County – Parish – Block JACKSON COUNTY								
District		Drilling Contractor Rig # LAYNE			Type of Job 8 5/8 SURFACE								
Size & Types of Plugs			List – CSG - Hardware			Physical Slurry Properties							
Top			3 CENTRALIZERS			Slurry WGT PPG	Slurry YLD Ft <sup>3</sup>	Water GPS	Pump Time Hr:Min	Std Slurry	Std Mix Water		
Btm			1 GUIDE SHOE										
Materials Furnished													
107 SKS SURFACE SET						15.5	1.20	5.2					
2 lbs red dye													
Available mix fluid						Bbl.	Available Displ. Fluid			Bbl.	Total		
Hole			TBG-CSG-D.P.			TBG-CSG-D.P.			Collar Depths				
Size	% Excess	DepthH	Size	WGT	Type	Depth	Size	WGT	Type	Depth	Shoe	Float	
11"		222'	8 5/8	24 #		217'							
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	
									5 1/2	8rd	H2O	8.33	
Cal Displ Vol – Bbl 12.5 BBL.				Cal Psi	Cal Max Psi	OP Max 1000 PSI	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
						1000 PSI					H2o	8.33	Tank
Explanation: WELL DID CIRCULATE. PUMPED 6 BBLs CMT. TO PIT.													
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 Psi 1000							
1500						CALLED OUT							
1800						ON LOCATION							
2045						RIG UP / DEFROST LINES							
2120						PRIMED UP / MIX 10 BBLs CMT. @ 15.5 PPG							
2130	50		3.0	10	H2O	PUMP H2O AHEAD W/ RED DYE							
2133	70		3.0	23	CMT	PUMP CMT. @ 15.5 PPG							
2141	120		3.0	12.5	H2O	DISPLACE CMT. W/H2O							
2145	40					SHUT IN WELL							
						<b>RECEIVED</b> KANSAS CORPORATION COMMISSION							
						<b>MAY 07 2004</b>							
						5 BBLs DISPL. – 30 PSI							
						10 BBLs DISPL. – 50 PSI							
						12 BBLs DISPL.- 120 PSI							
						CONSERVATION DIVISION WICHITA, KS							
Bumped Plug	PSI to Bump Plug	Test Float Equip	Bbl CMT Returns/ Reversed	Total Bbl Pumped	PSI Left On CSG	Spot Top Cement	Serv. Supv.						
N/A	N/A	N	6 BBL	45.5 BBL	60	Y	Ray Decker						

Customer E.O.C.	Date 01/29/03	F.R. #	Service Supervisor Edward C. Hager
Lease & Well Name - OCSG Liggatt 33-35WD	Location Kansas	County - Parish - Block Jackson	

Pump Unit #401	Drilling Contractor Rig #	Type of Job 5 1/2 Long string
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Size & Types of Plugs		List - CSG - Hardware	Physical Slurry Properties					
Top	5 1/2 Rubber	1-2 stage cmt collar 26- 5 1/2" cent. 1-guide shoe	Slurry WGT PPG	Slurry YLD Ft <sup>3</sup>	Water GPS	Pump Time Hr:Min	Std Slurry	Std Mix Water
Btm	5 1/2 Rubber	1 5 1/2" basket						

Materials Furnished								
843 sx Vermejo #5			13.3	1.45	9.76			
2 lbs red dye								
Available mix fluid 400 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		3303	5 1/2	15.5		3300.19					45.1	3255.19

Last Casing			Pkr - Cmt Ret - Br Pl - Liner			Perf Depth		Top Conn		Well Fluid		
Csg.	WGT	Type	Depth	Brand & Type		Depth	Top	Btm	Size	Thread	Type	WGT
8 5/8	24#		219	Stage collar		2161.5			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
	77.4	51.4	128.8			2000					H2o	8.34	Tank

Explanation: Trouble setting tool, Running CSG, Etc. Prior to cementing: Temp. was aprox. - 4deg. . problems with lines Freezing on and in truck.

Pressure/Rate Detail						Explanation	
Time HR:Min	Pressure - PSI		Rate BPM	Bbl Fluid Pumped	Fluid Type		
	Pipe	Annulus					
14:00	40		3	15	H2O	Safety Meeting: Crew x	Co. Rep x
14:07	50		2	55	Cmt	Testing Lines x	Psi 2000
14:35	100		3	77.4	H2o	Start Water / Dye	
14:14	900					Start Cement	
15:35			1.5	4	H2O	Drop plug / start disp.	
15:25	500		1.5	3	H2O	Bump plug / 12 bbls cmt to pit	
02:35	20		3	5	H2O	Drop bomb	
02:42	40		3	165	Cmt	Open tool & circulate	
03:38	40		3	51.4	H2O	Start Water	
03:49	1000					Start cmt	
03:50	1000					Drop plug / start disp.	
						Bump plug	
						ISIP / Cmt did not circ on 2 <sup>nd</sup> stage	
						Lifting psi 1 <sup>st</sup> stage / 2 <sup>nd</sup> stage	
						400 psi @ 3bpm	150 psi @ 3bpm

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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  Edward C. Hager
Y	1000	Y / N	12	375.8	1000	ground	
		y					