

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

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, Sr. Engineer
Phone: (303) 298-8100 ext 1235
Contractor: Name: Layne Christensen Company
License: 32999
Wellsite Geologist: Richard Robba, PG

CONFIDENTIAL

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
_____ Oil _____ SWD _____ SIOW _____
 Gas _____ ENHR SIGW _____
_____ Dry _____ Other (Core, WSW, Expl., Cased, 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. _____

02/04/2004 2/10/2004 SI WOCU 2/11/2004
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 085-20067-00-00
County: Jackson
C SE NE _____ Sec. 35 Twp. 5 S. R. 16 East West
2070 feet from S N (circle one) Line of Section
725 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 #: 42-35

Field Name: Forest City Coal Gas Area
Producing Formation: Cherokee Group
Elevation: Ground: 1058' Kelly Bushing: 1058'
Total Depth: 2250 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 217 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
(Data must be collected from the Reserve Pit)
Chloride content NA ppm Fluid volume 500 bbls
Dewatering method used Drilled w/air & fresh water. Trucked to disposal.
Location of fluid disposal if hauled offsite: _____
Operator Name: Evergreen Operating Corporation
Lease Name: *Liggatt 33-35 WD License No.: 33300
Quarter SWSW Sec. 35 Twp. 5 S. R. 16 East West
County: Jackson Docket No.: _____
**Disposal after completion and approval of water disposal well.*

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OIL & GAS CONSERVATION DIVISION
WICHITA, KS
MAY 07 2004

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. Quinn
Title: Sr Engineer Date: 05/06/2004
Subscribed and sworn to before me this 6th day of May
2004
Notary Public: Karna Breen
Date Commission Expires: 11/24/07

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

X

Operator Name: Evergreen Operating Corporation Lease Name: Liggatt Well #: 42-35
 Sec. 35 Twp. 5 S. R. 16 East West County: Jackson

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: CNL - IND- CBL Tebo shale 1594' -536 Mississippi 2091' -1033	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>HeebnerShale</td> <td>724</td> <td>384</td> </tr> <tr> <td>Lansing</td> <td>872</td> <td>186</td> </tr> <tr> <td>Stark Shale</td> <td>1153</td> <td>95</td> </tr> <tr> <td>B/Kansas City</td> <td>1207</td> <td>-149</td> </tr> <tr> <td>Altamount</td> <td>1306</td> <td>-248</td> </tr> <tr> <td>Summit</td> <td>1405</td> <td>-347</td> </tr> <tr> <td>Excello</td> <td>1423</td> <td>-365</td> </tr> <tr> <td>Vshale</td> <td>1511</td> <td>-453</td> </tr> </table>	Name	Top	Datum	HeebnerShale	724	384	Lansing	872	186	Stark Shale	1153	95	B/Kansas City	1207	-149	Altamount	1306	-248	Summit	1405	-347	Excello	1423	-365	Vshale	1511	-453
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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	8 5/8	24	217	Surface Set	108	3% gypsum
Production	7 7/8	5 1/2	15.5	2222'	Vermejo	387	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 type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
	To be submitted at a later date	Wait on completion unit.	

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TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method				
		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)				
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
(If vented, Submit ACO-18.)
 Other (Specify) SI WOCU

Customer *E.O.C.			Date 2/10/04	F.R. #	Service Supervisor Ray Decker								
Lease & Well Name LIGGATT 42 - 35			Location SE NE 35 T5S R16E		County - Parish - Block JACKSON CO								
District		Drilling Contractor Rig # LAYNE			Type of Job LONGSTRING 5 1/2"								
Size & Types of Plugs			List - CSG - Hardware		Physical Slurry Properties								
Top	1 - 5 1/2" L.D. PLUG & BAFFLE		1 - 5 1/2" GUIDE SHOE		Slurry WGT PPG	Slurry YLD Ft ³	Water GPS	Pump Time Hr:Min	Std Slurry	Std Mix Water			
Btm			20 CENTRALIZERS										
Materials Furnished													
390 SKS 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"		2250'	5 1/2"	15.5#		2222'							
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	
											H2o	8.33	
Cal Displ Vol - 51.8 BBLS				Cal Psi	Cal Max Psi	OP Max 2500 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
						2500					H2o	8.33	
Explanation: 8 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 2500				
						Circulating-Well-Rig							
1655	50		3.0	15	H2O	PUMP WATER W/ DYE							
1700	50		3.0	100	CMT	PUMP CEMENT @ 13.3 PPG							
1735	550		3.0	51.8	H2O	PUMP DISPLACEMENT							
1820	1500				H2O	BUMP PLUG							
						WASH UP / RIG DOWN							
						RECEIVED KANSAS CORPORATION COMMISSION							
						MAY 07 2004							
						15 BBLS. - 150 PSI			CONSERVATION DIVISION WICHITA, KS				
						30 BBLS. - 300 PSI							
						45 BBLS. - 450 PSI							
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.						
Y	1500	Y	8	166.8 BBL	0	Y	Ray Decker						

Customer E.O.C.				Date 02/04/04	F.R. #	Service Supervisor Edward C. Hager							
Lease & Well Name – OCSG Liggatt 42-35				Location Kansas		County – Parish – Block Jackson							
District		Drilling Contractor Rig #			Type of Job 8 5/8 Surface								
Size & Types of Plugs			List – CSG - Hardware			Physical Slurry Properties							
Top				3-cent 1- guide shoe		Slurry WGT PPG	Slurry YLD Ft ³	Water GPS	Pump Time Hr:Min	Std Slurry	Std Mix Water		
Btm													
Materials Furnished													
108 sx Surface Set						15.5	1.2	5.2					
Available mix fluid		100	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	
12 1/4		220	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	
											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
		12	12			1000					H2o	8.34	Truck
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 1000					
23:00						On location							
00:25	0		3	3	H2o	Start water							
00:30	20		2.5	23	Cmt	Start Cement							
00:41	20		2.5	12	H2O	Start Disp.							
00:46	100					Shut in / ISIP							
						RECEIVED KANSAS CORPORATION COMMISSION MAY 07 2004 CONSERVATION DIVISION WICHITA, KS							
						Cmt. Did circ.							
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 / N	7	38	100	ground	Edward C. Hager						