

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELLHISTORYTORSCRIPTION OF WELL & LEASE

Operator: License # 33300	API No. 15 - 085-20066-00 - 00
Name: Evergreen Operating Corporation	County: Jackson
Address: 1401 17th Street, Suite 1200	C_NW_SESec. 35 Twp. 5 S. R. 16 V East West
City/State/Zip: Denver CO 80202	1950 feet from (S)/ N (circle one) Line of Section
Purchaser:	1910 feet from E)/ W (circle one) Line of Section
Operator Contact Person: Tom Erwin, Sr. Engineer	Footages Calculated from Nearest Outside Section Corner:
Phone: (_303) _298-8100 ext 1235	(circle one) NE SE NW SW
Contractor: Name: Layne Christensen Company	Lease Name: Liggatt Well #: 33-35
License: 32999	Field Name: Forest City Coal Gas Area
Wellsite Geologist: Richard Robba, PG	Producing Formation: Cherokee Group
Designate Type of Completion:	Elevation: Ground: 1095' Kelly Bushing: 1095'
New Well Re-Entry Workover	Total Depth: 2260 Plug Back Total Depth:
OIL CWD CIOW Tomp Abd	Amount of Surface Pipe Set and Cemented at 217 Feet
✓ GasENHR ✓ SIGW & S S Z	Multiple Stage Cementing Collar Used?
DryOther (Core, WSW, Expl., Gibolic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tosx cmt.
Dry Other (Core, WSW, Expl., Application of CEIVE Operator: Well Name:	2 - Was 2-6-07-
Gas ENHR SIGW GRADIC CORP. ADU. 36 — Dry Other (Core, WSW, Expl., Gradie) If Workover/Re-entry: Old Well Info as follows: Operator: Well Name: Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan ATT Wffm 2-6-07 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content NA ppm Fluid volume 500 bbls
Plug BackPlug Back Total Depth	Dewatering method used Drilled w/air & fresh water. Trucked to disposal.
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	•
Other (SWD or Enhr.?) Docket No	Operator Name: Evergreen Operating Corporation
1/11/2004 1/12/2004 SI WOCU 2/12/2004	Lease Name: *Liggatt 33-35 WD License No.: 33300
Spud Date or Date Reached TD Completion Date or	Quarter NWSE Sec. 35 Twp. 5 S. R. 16 East West
Recompletion Date Recompletion Date	County: Jackson Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: Marris M. Sum	KCC Office Use ONLY
Title: Sr Engineer Date: 05/06/2004	Letter of Confidentiality Attached
Subscribed and sworn to before me this 6th day of may	If Denied, Yes Date:
2004	Wireline Log Received
	Geologist Report Received
Notary Public: CuBree	UIC Distribution
Date Commission Expires: 11124107	

Side Two

Operator Name: Eve	rgreen Operating	g Corporation	Lease	e Name: L	_iggatt		Well #: 33-	35	
	S. R. <u>16</u>		Count	y: Jacks	on				
ested, time tool oper emperature, fluid rec	n and closed, flowing covery, and flow rate	and base of formations g and shut-in pressure s if gas to surface test inal geological well sit	s, whether s , along with	hut-in pre	ssure reached	static level, hydro	static pressur	es, bottom hole	
Orill Stem Tests Take		☐ Yes 🗸 No		✓ L	og Forma	tion (Top), Depth a	nd Datum	Sample	
Samples Sent to Geo	•	☐ Yes ✓ No		Nam	e bnerShale		Тор 724	Datum 371	
Cores Taken	,	Yes ✓ No		Lans			925	170	
lectric Log Run (Submit Copy)		✓ Yes No			k Shale		1205	-110	
				B/Ka	ansas City		1258	-163	
ist All E. Logs Run:				Alta	mount		1360	-265	
CNL - IND- CB	3L			Sum	nmit		1457	-362	
Tebo shale	1569'	-586		Exc	ello		1477	-382	
Mississippi	2163'	-1068		Vsh	ale		1569	-474	
			IG RECORD			-4-		10 TO	
D	Size Hole	Report all strings so		surrace, inte eight	Setting	Type of	# Sacks	Type and Percer	
Purpose of String	Drilled	Set (In O.D.)	Lbs	. / Ft.	Depth	Cement	Used	Additives	
Surface	12 1/4	8 5/8	24		217	Surface Set	117	3% gypsum	
Production	7 7/8	5 1/2	15.5		2204'	Vermejo	578	2% cacl2	
		ADDITION	IAI CEMENT	INC / CO	JEEZE RECOP				
Purpose:	Depth	***************************************		s Used	JEEZE RECOR		A A -1-1145	_	
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Type of Cement	#3dCh	as Oseu		туре апо Р	ercent Additive	S	
Shots Per Foot		ION RECORD - Bridge F Footage of Each Interval		e		racture, Shot, Cement Amount and Kind of Ma		ord Depth	
	To be submitted	l at a later date			Wait on co	mpletion unit.	ma pro A P 11 /F	en pro	
						KANSAS (RECEIVE CORPORATION	COMMISSION	
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ate statument and a contract of the contract o							NSERVATION (IVISION	
							WICHITA, K		
TUBING RECORD	Size	Set At	Packer	At	Liner Run	Yes No			
Date of First, Resumer	d Production, SWD or I	Enhr. Producing N	Method	Flowin	g Pum	ping Gas Lift	t 7 Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Wat			ias-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF	COMPLETION			Production Into	erval			
Vented Sold	Used on Lease	Open Ho	01146	lancare, J	Dually Comp.	Commingled			

Custom E.O.C.	ner	Date 1/11/04		Service Supervisor Ray Decker															
Lease & Well Name –						Location		County – Parish – Block											
LIGGATT 33 – 35						RANGE5	6E	JACKSON COUNTY											
District Drilling Contract								Тур	e of		55								
				_AYN	Ε					8 SU								TOTAL CONTRACTOR OF THE PARTY O	
	Size &	Types of	Plug	s		– CSG - H							cal Slu						
Top					3 CENT	ENTRALIZERS				rry	Slurry		Vater	Pump		Std		Std Mix	
Btm					1 GUIDE	SHOE			WG PP		YL F1		GPS		me Min	Slurry	- 1		
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	Hole	T 5		<u> </u>		CSG-D.P.	1 -		,			G-D.P.				Collar E			
Size	% Excess	DeptH		Size	WGT	Туре	Depth	Siz	ze	WGT		Type	Dept	th	Shoe	Floa		at	
11"		222'	8	3 5/8	24#		217'			<u> </u>									
Csg.	Last (Casing Type	Da	epth	Pkr	- Cmt Ret - Brand & Type	- Br Pl - L		th	Pe Top		epth Btm	To	op C	onn Thread		<u>/ell F</u>		
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	spl Vol – B 3L.	iDi			Cal Psi	1	l .		PS		,	IVIAX C	og i oi		Displ I	riuid	'''	itei	
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12.5 BE	ŠL.		To	otal		Max Psi	1000 F	PSI PSI	PS	SI .		Rate	_		•			urce	
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TBG Explana	SL. csg ation: WE	csg			Bump Plu	Max Psi	1000 F	PSI PSI PSI	PS Ra	ited		Rate	_		Туре	WGT	Soi	urce	
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TBG TBG Explana Pressu Time HR:Min 0730 1030 1115 1115 1120 1130 1135	ation: WE re/Rate D Pres Pipe 35 70 120 40 PSI to Bump	CSG ELL DID etail sure P	CIRC SI ulus	2.5 2.5 2.5 2.5	E. PUMF Rate 3PM	Max Psi To Rev PED 6 BBLs Bbl Fluid Pumped 10 25 12.5 Total Bbl Pumped 47.5	1000 F SQ F 1000 F S CMT. T Fluid Type H20 CMT H20 CMT H20 PSI Left On	PSI	Ranatii ty M ng L ED LOC PLAC T IN LS [BLS BLS t	on eeting ines OUT ATIO UP / 20 AH MT. (CE CM WEL	OP OP N MIX HEAM 15 N T L L L L L L L L L L L L L L L L L L	Rate d	X LS CM RED DY KANSAS	F F RIT (CORE	Type H2o H2o Co. For I of I	Rep x 1000	Son	urce	
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Custor E.O.C.	•					Date 1/17/04	F.R. #			Ray	Dec								
Lease & Well Name – Location LIGGATT 33-35 Location 18S23ESEC20									County – Parish – Block JACKSON COUNTY										
Distric				Orilling	Contrac		DEC20	Т	Typ			IN CO	UNII						
District Drilling Contractor Rig # LAYNE								Type of Job 5 ½ Longstring											
Size & Types of Plugs List – CSG - Hardware									Physical Slurry Properties										
Тор	5 ½ LATO / BAFFLE		WN PL	UG	20 CENTRALIZERS				Slurry Slur WGT YL			D	Nater GPS			Std Slurry		Std Mix	
Btm					1 GUIDI	E SHOE			PP	G	Ft			Hr:Mir	1			Water	
		70.014			urnished				13.	2	1.4	E (9.76		_				
		lbs re	S Verm	iejo					13.	<u>. </u>	1.4	3 3	9.70	 	\dashv		+		
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Availa	abe mix flu	id		Bbl.	Availab	le Displ. F	luid E	3bl.					To	otal					
	Hole			<u> </u>		CSG-D.P.						G-D.F				ollar D			
Size	% Excess	De	ptH	Size	WGT	Туре	Depth	Siz	ze	W	GT	Туре	Dept	tn Sh	ioe		Floa	π	
0.4/4		0000) F	. 1/	15.5.#		2248'												
8 1/4	l ast	2260 Casing		1/2		- Cmt Ret		iner		F	Perf F	epth	Ta	op Conr	<u> </u>	\ \ \	/ell F	Fluid	
Csg.	WGT	Type	De	pth	I Ki	Brand & Type		Dept	th		op	Btm	Size			Тур		WGT	
8 5/8	24#		217	,									5 1/2	2 8rd	i	H20		8.33	
	ispl Vol – I	Rhl			Cal Psi	Cal	OP M	av	M	ax Tt	oa	Max (Csg PSI			- luid	\٨/:	 ater	
52.5 E		J.D.I			Oai i Si	Max Psi	1500		PS		79	, max	Jog . J.		, p	idid		1101	
TBG	CSG	CSG	To	otal	Bump Plu	g To Rev	SQ	PSI	Ra	ated	OP	Rate d	OP	Тур	ре	WGT	So	urce	
							1500	PSI						H2	0	8.33	Та	nk	
Explai	nation: W	ELL DI	D CIRC	ULAT	E. DID E	BUMP PLU	JG AND F	LUG I	HEL	D.		I			1		!		
	ure/Rate [Expla											
Time		ssure -		3	Rate	Bbl Fluid		Safe				Crew	X			Rep x			
HR:M	in Pipe	: A	nnulus		BPM	Pumped	Туре	Testi ON L						Psi	20	00			
1100 1415		_										G/RI	GUP						
1435	2000			.5		1	H20	TES				0710	0 01			*,	····		
1440	90			3.5		10	H20	PUM				E							
1445	80			3.0		149	CMT					.3 PP				RECEIN	/En		
1545	550			3.0		52.5	H20	PUMP DISPLACEMENT KANSAS CORPORATION CON BUMPED PLUG						-OISSIMMK					
1620	1500			.50			H20	BOM	IPEL	J PL	.UG					Y 0 7			
				-											nsei V	RVATION I	DIVISI S	Cir.	
				 				15 B	BLS	DIS	SPL -	- 200	PSI						
									BBLS DISPL. – 200 PSI BBLS DISPL 325 PSI					******					
								45 B	BLS	DIS	SPL	- 550	PSI						
Bumpe	ed PSI to	, _{T/}	est Float	P	bl CMT	Total	PSI	Spc	nt.	ı									
Plug			Equip	R	eturns/ eversed	Bbl Pumped	Left On CSG	Top	р	Sei	rv. Sı	ıpv.							
Y	1500)	Υ	3	0 BBL	212.5 BBL	0	Υ											
				<u> </u>						Ra	y Dec	cker							