

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

ORIGINAL

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. _____
10/29/2003 10/30/2003 1/23/2004
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

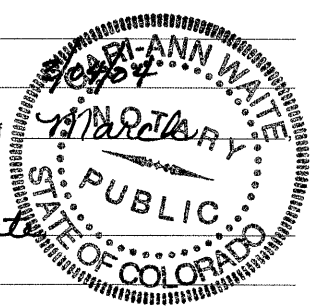
API No. 15 - 121-27769-00-00
County: Miami
SE SW NE Sec. 7E Twp. 18 S. R. 24 East West
2310 feet from S N (circle one) Line of Section
1800 feet from E (circle one) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Peckman Angus Well #: 32-7
Field Name: Forest City Coal Gas Area
Producing Formation: Cherokee Group
Elevation: Ground: 900 Kelly Bushing: 905
Total Depth: 901 Plug Back Total Depth: 824
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 868
feet depth to Surface w/ 185 _____ sx cmt.
ALT II WITHIN 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. 7S Twp. 18 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, 1300 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 McGinnis
Title: Sr Operations Engineer Date: _____
Subscribed and sworn to before me this 4 day of _____
20 04.
Notary Public: Hari-Ann Waite
Date Commission Expires: 2/13/05



KCC Office Use ONLY
NO SEE DKT # 04-CONS-327-CXC
Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: Evergreen Operating Corporation Lease Name: Peckman Angus Well #: 32-7
 Sec. 7S Twp. 18 S. R. 24 East West County: Miami

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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run: SIL, CNL, CBL</p>	<table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Stark Shale</td> <td>58</td> <td>843</td> </tr> <tr> <td>B/Kansas City</td> <td>101</td> <td>800</td> </tr> <tr> <td>Altamount</td> <td>303</td> <td>598</td> </tr> <tr> <td>Summit</td> <td>411</td> <td>490</td> </tr> <tr> <td>Excello</td> <td>431</td> <td>470</td> </tr> <tr> <td>Vshale</td> <td>533</td> <td>368</td> </tr> <tr> <td>Tebo</td> <td>595</td> <td>306</td> </tr> <tr> <td>Mississippi</td> <td>753</td> <td>148</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Stark Shale	58	843	B/Kansas City	101	800	Altamount	303	598	Summit	411	490	Excello	431	470	Vshale	533	368	Tebo	595	306	Mississippi	753	148
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CASING RECORD <input 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	44	Portland	12	Neat
Production	7 7/8	5 1/2	15.5	868	Vermejo 5	185	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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
	See Attached Sheet	See Attached Sheet	

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TUBING RECORD		Size 2 7/8	Set At 776	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 2/10/2004		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 10	Water Bbls. 28	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)

Attachment to Form: ACO-1
Well Completion Form

Peckman Angus 32-7
SWNE Sec 7 T18S R24E
Miami County, KS
Perforation and treatment
with 70% Foam Frac

Perforations	Shots/ft	Proppant Actual (lbs)	Clean Fluid (bbls)	Nitrogen N2 (mscf)	7.50% HCL Acid (gal)
738 - 741	4	16,000	175	140.0	0
704 - 706	4	6000	95.5	108.2	42
687 - 689	4	10,000	64	88	84
596 - 598	4	13,000	122	184	84
566 - 568	4	13,000	109	160	84
535 - 537 & 54	4	8,000	108	102	126
433 - 436	4	13,000	175	238	126
320 - 323	4	13,000	121	180	126

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Professional Energy Services

9402 Kessler Lane
Shawnee Mission, KS 66212
Ph.913.341.7434

ORIGINAL

GEOLOGICAL REPORT

Operator: **EVERGREEN OPERATING CORPORATION**

Project: Lancaster D Well Name: Peckman Angus 32-7
Location: Ap 150'W of SE SW NE - 2310' FNL and 1800' FEL

Sec. 7-T18S-R24E County: Miami State: Kansas
All measurements GL: 900 API: 15-121-23769-00-00

Company: Sr. Operations Engineer: Tom Erwin

Company: Geologist: Paul Clarke

Professional Energy Services: Geologist: Rich Robba

Drilling Superintendent: Drew Friedrichs

Pattersson Logging: Roger Taylor

Drilling Contractor: Layne Christensen Company

Geosearch Logging: Mudlogger: Pat Andrews

Commenced: 10/29/03 Completed: 10/30/03

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

Peckman Angus 32-7

Formation E-Log Tops

Stark Shale: 58'	VShale: 533'
B/Kansas City: 101'	Tebo 595'
Altamount: 303'	Mississippi: 753'
Summit: 411'	RTD: 901'
Excello: 431'	LTD: 905'

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Coal and Coal Shale Intersections E-Log

Net Coals(ft) < 1.75 g.cc		Net Coals(ft) < 2.00 g.cc		Net Carbonaceous Shale (ft)	
Name	Depth	Name	Depth	Name	Depth
Mulberry	319.9-322.6	Lexington	362.7-363.2	Summit	411.8-412.3
Mulky	434.8-435.7	Bevier	513.8-515	Bluejacket	645.6-646.3
Mineral	565.8-568	Croweberg	536-536.7	Rowe	711.3-712.2
Tebo	595.8-597.9	Fleming	545.4-546.2		
Neutral	748-750.1	Drywood	686.4-687.9		
		Rowe A	704.1-705		

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Cumulative Net Thickness E-Log

Net Coals(ft) < 1.75 g.cc	Net Coals(ft) < 2.00 g.cc	Net Carbonaceous Shale (ft)
10.4'	5.9'	2.1'

VERGREEN RESOURCES, INC.

ORIGINAL

OPERATOR EVERGREEN OPERATING CORP
WELL NAME PECKMAN ANGUS #32 - 7
LEGAL LOCATION SWNE SECTION 7, T18S - R24E
COUNTY, STATE MIAMI, KANSAS

10/30/2003	TOTAL DEPTH 702' GL
REPORT NO. 1	DEPTH (LAST 24 HRS) 702'
RIG CONTRACTOR CHRISTENSEN	DAYS SINCE SPUD 1
CONSULTANT FRIEDRICHS	AFE # 03KS-008

DAILY DRILLING REPORT

PRESENT OPERATION		DAILY COST	CONFIDENTIAL	FEES
DRILLING @ 702' GL.		\$ 12,675		\$ 102,118

DAILY DRILLING SUMMARY			
FROM (hrs)	TO (hrs)	HOURS (hrs)	DESCRIPTION OF DAILY OPERATIONS (06:00 - 06:00 hrs)
11:00	15:30	4.50	MORU, GETTING PERMISSION TO DRILL FROM KCC @ 08:00 10/28/03. SPOKE W/ BECKY.
15:30	16:00	0.50	SPUD WELL @ 15:30 HRS, 10/29/03, AIR DRILLING W/ 11" BIT TO 45' GL.
16:00	17:00	1.00	RUN 1 JT 8 5/8", 24 #FT, J-55, 8RD, ST&C CSG SET @ 43.5'. CEMENT DOWN BACKSIDE W/ 12 SX PORTLAND CEMENT TO SURFACE.
17:00	01:00	8.00	WOC, NU @ 23:00, RU 8" AIR HAMMER BIT
01:00	04:30	3.50	DRILLING FROM 45' GO 530' GL W/ 8" AIR HAMMER. (ROP - 135) BLOW HOLE CLEAN AND STOP DRILLING FOR DEVIATION SURVEY.
04:30	04:45	0.25	DEVIATION SURVEY TAKEN W/ TOTCO W/L RETREAVABLE TOOL. 2 DEGREES.
04:45	06:00	1.25	DRILLING FROM 530' TO 702' W/ 8" AIR HAMMER. (ROP 137 FPH).
TOTAL HOURS		19.00	

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SUMMARY OF RIG HOURS		
DESC.	DAILY (hrs)	CUM (hrs)
Drill	5.25	5.25
Trip		
Circulate		
Rig Repair		
Rig Service		
Dev Survey	0.25	0.25
NU / ND		
Cement		
Run Casing	1.00	1.00
WOC	8.00	8.00
OH Logging		
Mix Mud		
MI & RU	4.50	4.50
Rat Hole		
Mouse Hole		
Fishing		
DST		
CH Logging		
Perforating		
Swab		
Frac		
Acidize		
Coring		
Other		
TOTALS	19.00	19.00

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, Locatikon, Ptlis, Liner	\$ 300	\$ 300	\$ 1,200
2030.019	Contract Drilling	\$ 8,950	\$ 8,950	\$ 17,875
2032.001	Water			\$ 500
2032.013	Drill Bits, Stabilizers, Reamers			\$ 2,000
2031.046	Cementing and Services			\$ 8,000
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	\$ 200	\$ 200	\$ 2,250
2030.064	Completion Unit			\$ 3,000
2030.055	Perforating			\$ 1,500
2031.058	Well Stimulation			\$ 30,000
2030.035	Contract Labor		\$ 800	\$ 1,000
2030.022	Engineering / Supervision		\$ 800	\$ 3,100
2030.099	Intangible Miscellaneous and Contingencies			\$ 3,881
2040.001 / 2040.004	Surface and Production Casing	\$ 300	\$ 300	\$ 4,350
2040.007	Tubing			\$ 2,080
2040.023	Floot 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		\$ 12,675	\$ 12,675	\$ 102,118

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Customer E.O.C.				Date 10/30/03		F.R. #		Service Supervisor Ray Decker				ORIGINAL			
Lease & Well Name – PECKMAN ANGUS 32 – 7						Location 18S23ESEC20				County – Parish – Block MIAMI COUNTY					
District				Drilling Contractor Rig # LAYNE				Type of Job 5 ½ Longstring							
Size & Types of Plugs				List – CSG - Hardware				Physical Slurry Properties							
Top	5 ½ Top Rubber			8 CENTRALIZERS				Slurry WGT PPG	Slurry YLD Ft ³	Water GPS	Pump Time Hr:Min	Std Slurry	Std Mix Water		
Btm															
Materials Furnished															
185 SKS Vermejo							13.3	1.45	9.76						
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			
8 1/4"		901'	5 ½	15.5.#		866'									
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	24#		694'							5 1/2	8rd	H2O	8.33		
Cal Displ Vol – Bbl 20 BBL.				Cal Psi	Cal Max Psi	OP Max 1500 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		
						1500 PSI					H2o	8.33	Tank		
Explanation: WELL DID CIRCULATE. DID BUMP PLUG.															
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 2000									
1430	80		3	15	H2O	PUMP DYE WATER AHEAD									
1435	100		3	48	CMT	PUMP CMT. @ 13.3 PPG									
1500	375		3.5	20	H2O	PUMP DISPLACEMENT									
1505	1500				H2O	BUMPED PLUG									
						10 BBLS – 200 PSI									
						15 BBLS – 300 PSI									
						20 BBLS – 375 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	9 BBL	83 BBL	0	Y	Ray Decker								

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