

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33233
Name: Heartland Oil and Gas, Inc.
Address: c/o BAM Energy, Inc. 6286 East Long Circle North
City/State/Zip: Englewood, Colorado 80112
Purchaser: none
Operator Contact Person: Bill Hayworth
Phone: (303) 221-4768
Contractor: Name: Gulick Drilling, Inc.
License: 32854
Wellsite Geologist: Chris Ryan - Atoka Coal Labs
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. _____

<u>3/24/04</u>	<u>3/27/04</u>	<u>8/04/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 131-20182-00-00
County: Nemaha
SE NE Sec. 12 Twp. 3 S. R. 14 East West
3300 feet from (S) N (circle one) Line of Section
810 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Georg Well #: 8-12
Field Name: wildcat
Producing Formation: Cherokee
Elevation: Ground: 1299' Kelly Bushing: 1307'
Total Depth: 2745' Plug Back Total Depth: 2672'
Amount of Surface Pipe Set and Cemented at 271 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) P+A KGR 02-06-08
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used evaporation **RECEIVED**
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Location of fluid disposal if hauled offsite: _____
SEP 29 2004
Operator Name: _____
Lease Name: _____ License ~~CONSERVATION DIVISION~~
Quarter _____ Sec. _____ Twp. _____ S. R. WICHITA, KS East West
County: _____ Docket No.: _____

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: [Signature]
Title: Consulting Engineer Date: 9/20/04
Subscribed and sworn to before me this 20th day of September
20 04
Notary Public: [Signature]
Date Commission Expires: _____

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

My Commission Expires 03/16/2005

Operator Name: Heartland Oil and Gas, Inc. Lease Name: Georg Well #: 8-12
 Sec. 12 Twp. 3 S. R. 14 East West County: Nemaha

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: Dual Induction Dual Compensated Porosity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Marmaton 1760' Cherokee 1919' Mississippian 2693' Geological Report Enclosed
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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"	23#	271'	Class A	137	2% gel, 3% CaCl
Production	7 7/8"	5 1/2"	15.5#	2720.1'	Class A	205	6% gypsum, 2% gel, 2% CaCl

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 (Amount and Kind of Material Used)	Depth
4 spf	2170'-2172', 2212'-2214', 2307'-2309', 2356'-2358'	1200 gal 15% HCL	2170' -
	2394'-2398', 2404'-2406', 2423'-2425', 2482'-2483'	1051 bbls fluid w/ 59,996 # sand	2483'

TUBING RECORD		Size <u>2 3/8"</u>	Set At <u>2492'</u>	Packer At <u>none</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>8/4/04</u>		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. <u>0</u>	Gas Mcf <u>0</u>	Water Bbls.	Gas-Oil Ratio <u>NA</u>	Gravity <u>NA</u>

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

METHOD OF COMPLETION _____

Production Interval _____

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 29944
 LOCATION Atterton
 FOREMAN Alan Mader

TREATMENT REPORT

DATE	CUSTOMER #	WELL NAME	FORMATION
3-25-04	3576	Georg 8-12	
SECTION	TOWNSHIP	RANGE	COUNTY
12	3	14	Nm
CUSTOMER: Hewlettland Oil & Gas			
MAILING ADDRESS: 6276 E. Hwy Circle North			
CITY: Englewood			
STATE		ZIP CODE	
Co		80112	
TIME ARRIVED ON LOCATION			

TRUCK #	DRIVER	TRUCK #	DRIVER
380	A Mader		
368	R Zabel		
369	Altuchman		
122	R Alb		
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 WICHITA, KS

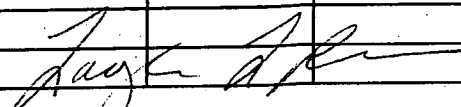
WELL DATA	
HOLE SIZE 12 1/4	PACKER DEPTH
TOTAL DEPTH 275	PERFORATIONS
	SHOTS/FT
CASING SIZE 8 5/8	OPEN HOLE
CASING DEPTH 263	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
Sub 12'	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

TYPE OF TREATMENT	
<input checked="" type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISP. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB Pump 15 bbl water gel followed by 9 bbl dye marker. Mix + pump 137.5 y Portland A, 200 gel, 372 CaCl, 1/4th flogeal. Circulated dye. Released 8 5/8 plug. Dis place with 16 bbl clean water. Circulated 6 bbl cement returns.

AUTHORIZATION TO PROCEED TITLE DATE

TIME AM/PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
							BREAKDOWN PRESSURE
							DISPLACEMENT
	Mix @	14.8 PPG				100	MIX PRESSURE
	1/8 @	= 1.35					MIN PRESSURE
	Plug down	12:45 AM	3/25/04			200	ISIP
							15 MIN.
						400 PM	MAX RATE
							MIN RATE
							

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 29937
 LOCATION Ottawa
 FOREMAN Bill Zabel

TREATMENT REPORT

DATE <u>3-28-04</u>	CUSTOMER # <u>3576</u>	WELL NAME <u>George 8-12</u>	FORMATION
SECTION <u>12</u>	TOWNSHIP <u>3</u>	RANGE <u>14</u>	COUNTY <u>NM</u>
CUSTOMER <u>Heartland oil & Gas</u>			
MAILING ADDRESS <u>6286 E. Longcircle North</u>			
CITY <u>Englewood</u>			
STATE <u>CO</u>		ZIP CODE <u>80112</u>	
TIME ARRIVED ON LOCATION			

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>372</u>	<u>Bill Z</u>		
<u>195</u>			
<u>369</u>	<u>Rick A</u>		
<u>368</u>	<u>Brad W</u>		
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CONSERVATION DIVISION
 WICHITA, KS

TYPE OF TREATMENT

<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISP. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

PRESSURE LIMITATIONS

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

WELL DATA

HOLE SIZE <u>7 7/8"</u>	PACKER DEPTH
TOTAL DEPTH <u>2740</u>	PERFORATIONS
	SHOTS/FT
CASING SIZE <u>5 1/2"</u>	OPEN HOLE
CASING DEPTH <u>2720'</u>	
CASING WEIGHT <u>1516</u>	TUBING SIZE
CASING CONDITION	TUBING DEPTH
<u>Float Collar 2675'</u>	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

INSTRUCTION PRIOR TO JOB
 Mixed & Pumped 20 BBL Mud Flush with 2% gal soap, mixed & pumped 2055x OWC with 1/4% Flow Seal - @ 14.7 mpa yield 1.44 Flashed Pump Clean Pumped 5 1/2 Puller Plug to Float Collar @ 2675' casing held 1200 PSI SET Float, RI DEgt. & wash up.
 OWC = Roll and Ag 6% Cal gel, 2% Cal. am, 2% gal, with 1/4% Flow Seal, Plug Down 5:04 AM.

AUTHORIZATION TO PROCEED

TITLE

DATE

3-28-04

TIME AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
							BREAKDOWN PRESSURE
							DISPLACEMENT
						<u>750 PSI</u>	MIX PRESSURE
							MIN PRESSURE
<u>5:04 AM</u>						<u>1200 PSI</u>	ISIP
							15 MIN.
						<u>4 1/2 BPM</u>	MAX RATE
						<u>1 BPM</u>	MIN RATE
<u>Large DE</u>							