

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 33233
Name: Heartland Oil & 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: Kevin Severance

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Designate Type of Completion: **KCC WICHITA**
 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>8/1/03</u>	<u>8/7/03</u>	<u>11/23/03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 131-201780000
County: Nemaha
_____ SW SW Sec. 17 Twp. 5 S. R. 14 East West
605 feet from (S) N (circle one) Line of Section
815 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW (SW)

Lease Name: Bloom Well #: 13-17
Field Name: Wildcat
Producing Formation: Cherokee
Elevation: Ground: 1245' Kelly Bushing: 1253'
Total Depth: 2720' Plug Back Total Depth: 2639'
Amount of Surface Pipe Set and Cemented at 282 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)

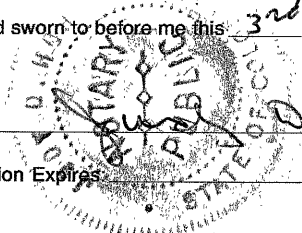
Alton 1-29-04

Chloride content _____ ppm Fluid volume _____ bbis
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ 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: W. L. Hayworth
Title: Consultant Date: 1/3/04
Subscribed and sworn to before me this 3rd day of January,
2004.
Notary Public: _____ my Commission Expires 03/22/2005
Date Commission Expires _____



KCC Office Use ONLY

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

ORIGINAL

Operator Name: Heartland Oil & Gas, Inc. Lease Name: Bloom Well #: 13-17
 Sec. 17 Twp. 5 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 Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy)

List All E. Logs Run:

BC Sonic
 Dual Comp. Porosity
 Dual Induction Log
 Microresistivity

Log Formation (Top), Depth and Datum Sample

Name Top Datum

Marmaton 1703'

Cherokee 1846'

Geologic 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#	282'	Class A	135	3%CaCL, 2%Gel, 1, 1/4# Flocele
Production	7 7/8"	5 1/2"	15.5	2677'	OWC THIXO	245	1/4# Flocele

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	2266'- 2268', 2277'- 2279', 2287'- 2289'	756 bbls of fluid	2266'-
	2296'- 2298', 2300- 2302', 2335' - 2337', 2348'- 2350',	& 53,468# of sand	2414'
	2359'- 2361', 2384'- 2386', 2412'- 2414'		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	2375'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
11/23/03		<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	0	109	Unknown	Unknown

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) _____

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KCC WICHITA

ORIGINAL

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

TICKET NUMBER 23112

LOCATION Ottawa

FOREMAN Alan Mader

TREATMENT REPORT

15-131-20178-0000

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
8-2-03		Bloom 13-17		17	5	14	NM	
CHARGE TO <u>Heartland Oil + Gas</u>				OWNER				
MAILING ADDRESS <u>6286 E Longacre North</u>				OPERATOR				
CITY <u>Engelwood</u>				CONTRACTOR <u>Gullick</u>				
STATE <u>CO</u>		ZIP CODE <u>80112</u>		DISTANCE TO LOCATION <u>110</u>				
TIME ARRIVED ON LOCATION <u>11:00 P.M.</u>				TIME LEFT LOCATION				

WELL DATA

HOLE SIZE	<u>12 1/4</u>
TOTAL DEPTH	<u>293'</u>
CASING SIZE	<u>8 5/8</u>
CASING DEPTH	<u>294' - 12' land sub</u>
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
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"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB
386 A Mader
308 B Williams 195 M Kite

cement surface with Portland,
390 Gal, 270 gal 1/4" fly seal. Mixed
at 14.8 PPG yield of 1.35.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Established circulation. Pumped 20 bbl water
to flush hole. Mixed + pumped 10 bbl dry followed by
135 sx cement. Released 8 5/8 varden plug. Displaced plug
with 17 1/4 bbl clean water. Circulated 3 bbl cement
returns. Closed valve. R + V equipment.

Alan Mader

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING		psi
FINAL DISPLACEMENT	<u>100</u>	psi
ANNULUS		psi
MAXIMUM		psi
MINIMUM		psi
AVERAGE		psi
ISIP	<u>100</u>	psi
5 MIN SIP		psi
15 MIN SIP		psi

TREATMENT RATE

BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	<u>5 BPM</u>

AUTHORIZATION TO PROCEED [Signature] TITLE _____ DATE _____

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

