

**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
 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>7/21/03</u>	<u>7/30/03</u>	<u>11/23/03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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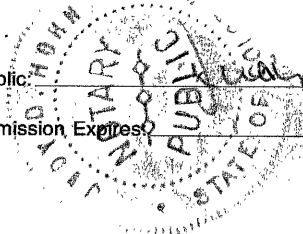
API No. 15 - 131-201750000
 County: Nemaha
 - NE - NE Sec. 19 Twp. 5 S. R. 14 East West
610 feet from S (circle one) Line of Section
610 feet from (circle one) E/W Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Kramer Well #: 1-19
 Field Name: Wildcat
 Producing Formation: Cherokee Coals
 Elevation: Ground: 1256' Kelly Bushing: 1264.5'
 Total Depth: 2708' Plug Back Total Depth: 2665'
 Amount of Surface Pipe Set and Cemented at 350 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 *See 1-19-2-12-04*
 (Data must be collected from the Reserve Pit)
 Chloride content _____ ppm Fluid volume _____ bbls
 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: [Signature]
 Title: Consultant Date: 1/3/04
 Subscribed and sworn to before me this 3rd day of January,
2004
 Notary Public: [Signature]
 Date Commission Expires: _____ My Commission Expires 03/22/2005



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: Kramer Well #: 1-19
 Sec. 19 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)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Pleasanton 1695'
 Marmaton 1740'
 Cherokee 1882'

List All E. Logs Run:

Temperaure Log
 Dual Comp. Porosity
 Dual Induction Log

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	350'	Class A	160	3%CaCL, 2%Gel, 1/4# Flocele
Production	7 7/8"	5 1/2"	15.5	2701'	OWC, THIXO	205	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	2312'- 2314', 2320'- 2322', 2353'- 2355'	844bbbls of fluid	2312'-
	2370'- 2372', 2385- 2387', 2412' - 2414', 2441'- 2443'	& 45,024# of sand	2443'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	2395'	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	82	Unknown	Unknown

Disposition of Gas **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 177,932-C
 (If vented, Submit ACO-18.) Other (Specify) 11-2-1991

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TICKET NUMBER 29005
LOCATION Ottawa
FOREMAN Bill Zabel

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

TREATMENT REPORT

ORIGINAL

DATE <u>7-27-03</u>	CUSTOMER #	WELL NAME <u>Kramer 1-19</u>	FORMATION
SECTION <u>19</u>	TOWNSHIP <u>5</u>	RANGE <u>14</u>	COUNTY <u>NM</u>
CUSTOMER <u>Heartland oil & Gas % Bill Hayworth</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 <u>12:30 AM</u>			

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>368</u>	<u>Brad W</u>		
<u>122</u>	<u>Matt L</u>		
<u>372</u>	<u>Bill Z</u>		

WELL DATA	
HOLE SIZE <u>12 1/4</u>	PACKER DEPTH
TOTAL DEPTH <u>361</u>	PERFORATIONS
	SHOTS/FT
CASING SIZE <u>8 5/8</u>	OPEN HOLE
CASING DEPTH <u>350</u>	
CASING WEIGHT <u>22.6</u>	TUBING SIZE
CASING CONDITION <u>New</u>	TUBING DEPTH
	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"/> OTHER	

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE	<u>-0-</u>	<u>-0-</u>
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB Break Circulation Run 15 BBL Dye Mix and pump
Approx 160 SK of Class A Portland, 3% Calcium, 2% Coal, KNa Pa Seal
Stopped Pump Released 8 5/8 Warden Plug and Displaced with 22 BBL water

Shut in Well, AUTHORIZATION TO PROCEED 8 BBL of Good Cement Returned TITLE Bill Zabel DATE 7-27-03

TIME AM/PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
<u>3:45</u>	<u>Surface</u>	<u>23</u>	<u>5 BPM</u>	<u>14.7</u>		<u>-0-</u>	BREAKDOWN PRESSURE
							DISPLACEMENT
						<u>-0-</u>	MIX PRESSURE
							MIN PRESSURE
							ISIP
							15 MIN.
							MAX RATE <u>5 BPM</u>
							MIN RATE

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TREATMENT REPORT

ORIGINAL

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

TICKET NUMBER 23111
LOCATION Ottawa
FOREMAN Alan Maden

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
7-31-03		Kramer 1-15		17	5	14	NM	
CHARGE TO <u>Heartland Oil Co</u>				OWNER				
MAILING ADDRESS <u>6280 E Long Circle North</u>				OPERATOR <u>Gary Beed</u>				
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>5:30 AM</u>				TIME LEFT LOCATION <u>8:00 AM</u>				

WELL DATA	
HOLE SIZE <u>7 7/8</u>	TOTAL DEPTH <u>2708</u>
CASING SIZE <u>5 1/2</u>	CASING DEPTH <u>2701</u>
CASING WEIGHT <u>Shot Joint = 33.56'</u>	CASING CONDITION <u>Shot Joint = 10'</u>
TUBING SIZE	TUBING DEPTH
TUBING WEIGHT	TUBING CONDITION
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

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"/> 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 221 Williams Cement bottom of casing with
388 B Zabel 122 Mewis OK Heartland, 6% gypsum, 2% total, 2%
gal 1/4 # Fluorol, Mixed @ 14.7 g/g
1.44 yield.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Established circulation. Mixed & pumped 2 gal
foamer with 22 bbl water for mud flush. Mixed & pumped 205.5x
D/L cement. Flushed pump clean. Pumped 515 x volume plug
to float collar @ 2669 with 63.5 bbl water. Well held
1000 PSI. Set float B.O.D. equipment. Used Dacryoxide
in mix water, with city water.

Alan Maden

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT <u>500</u>	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP <u>1000</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>5.0 BPM</u>	

AUTHORIZATION TO PROCEED Dan Beed TITLE _____ DATE 7/31/03
 ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

15-131-20175-0000