### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

## **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1 September 1999 ORIGINAL Form Must Be Typed

Operator: License # 33233	API No. 15 - 131-20191 - CCC
Name: Heartland Oil and Gas, Inc.	County: Nemaha
Address: _c/o BAM Energy, Inc. 6286 East Long Circle North	SW_NW Sec. 20 Twp. 5 S. R. 14 V East West
City/State/Zip: Englewood, Colorado 80112	2130 feet from S (N) (circle one) Line of Section
Purchaser: none	630 feet from E / W/(circle one) Line of Section
Operator Contact Person: Bill Hayworth	Footages Calculated from Nearest Outside Section Corner:
Phone: (303) 221-4768	(circle one) NE SE (NW) SW
Contractor: Name: Gulick Drilling, Inc.	Lease Name: Bohannon Well #: 5-20
License: 32854	Field Name: wildcat
Wellsite Geologist: Chris Ryan - Atoka Coal Labs	Producing Formation: Cherokee
Designate Type of Completion:	Elevation: Ground: 1242' Kelly Bushing: 1250'
New Well Re-Entry Workover	Total Depth: 2710' Plug Back Total Depth: 2639'
OilSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 281.7 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, 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.
Well Name:Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
<b>,</b> , , , , , , , , , , , , , , , , , ,	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls .
Plug BackPlug Back Total Depth	Dewatering method used evaporation
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:
7/16/04 7/18/04 10/3/04	Quarter Sec TwpS. R
Spud Date or Page Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
	South No.
Kansas 67202, within 120 days of the spud date, recompletion, workown information of side two of this form will be held confidential for a period of 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	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It is months if requested in writing and submitted with the form (see rule 82-3-104 and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	and the statements
Signature: Willia / Syants	KCC Office Use ONLY
Title: Consulting Engineer Date: 10/19/03	Letter of Confidentiality Received
Subscribed and sworn to before me this Hay of Octobe	If Denied, Yes Date:
20 04	Wireline Log Received RECENDS
Aug la	Geologist Report Received
Notary Public: YUSTO PUBLICATION PUBLICATI	Wireline Log Received  Geologist Report Received  UIC Distribution  Wireline Log Received  Color 1 8 2000  CCT 1 8 2000  CCC WICHITA
Date Commission Expires: Commission Expires	RCC WOLL
02/05/2005	- VICHITA

The same of the sa

02/05/2005

#### Side Two

Next Notice   Show important tops and seed of formations penetrated. Datal all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressure, valender stutic level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface sea, along with final chart(s). Affach extra sheet if more space is needed. Affach copy of all Electric Writeria. Cryps surveyed. Affach into geocycles well see report.    Dill Stem Tosts Taken	Operator Name: He	artland Oil and G	as, Inc.		Leas	e Name:-	Bohannon		Well #: 5-2	0	
tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, full recovery, and flow rates it gas to surder east, 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	Sec. 20 Twp	5 S. R. 14	☑ East 🗌	] West							
Name   Top   Datum	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										
Samples Sent to Geological Survey			Yes	<b>☑</b> No			og Formatio	on (Top), Depth ar	nd Datum	. 🗆	Sample
Cores Taken	Samples Sent to Ge	ological Survey	☐ Yes	<b>☑</b> No		Nam	ie		Тор	ı	Datum
Dual Induction   Dual Compensated Porosity   Size Hole   Dual Compensated Porosity   Size Hole   Size Casing RECORD   New   Used   Report all strings sel-conductor, surface, intermediate, production, etc.	Electric Log Run	•	Yes	<b>☑</b> No		Che	rokee 1870	)'			
CASING RECORD   New   Used	List All E. Logs Run					IVIIS	sissippian 200	U			
Purpose of String   Size Hole   Size Casing   Weight   Depth   Cement   Used   Type of   Used   Additives			′			Geo	logical Repor	t Enclosed			
Surface   12 1/4"   8 5/8"   23#   281.7'   Class A   145   2% gel, 3% CaCl			Report all s					ion, etc.			
Production	Purpose of String										
Shots Per Foot   PERFORATION RECORD - Bridge Plugs Set/Type   Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)   Depth   Specify Footage of Each Interval Perforated   4 spf   2295' - 2296', 2302' - 2304', 2311' - 2313', 2346' - 1200 gal 15% HCL   2295' - 2348', 2362' - 2364', 2377' - 2379', 2399' - 2401',   2428' - 2430'   1103 bbls fluid & 62,856 # sand    TUBING RECORD   Size   Set At   Packer At   Liner Run   Yes   No   Date of First, Resumerd Production, SWD or Enhr.   Producing Method   Flowing   Pumping   Gas Lift   Other (Explain)   Care Stimulated Production   Other (Explain)   Per 24 Hours   Other (Explain)   Other (Explain)   Per 24 Hours   Other (Explain)   Other	Surface	12 1/4"	8 5/8	3"	23	3#	281.7'	Class A	145	2% ge	I, 3% CaCl
ADDITIONAL CEMENTING / SQUEEZE RECORD  Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone  PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated A spf  2295' - 2296', 2302' - 2304', 2311' - 2313', 2346' - 2348', 2362' - 2364', 2377' - 2379', 2399' - 2401', 2428' - 2430'  TUBING RECORD Size 23/8" 23/8" 23/96' None  Date of First, Resumerd Production, SWD or Enhr. 10/3/04  Estimated Production Per 24 Hours  O  Bepth Type of Cement #Sacks Used Type and Percent Additives  Type and Percent Additive Additi	Production	7 7/8"	5 1/2	)# -	15.5# 2686.8' Class A		170	6% gypsum, 2%			
Purpose:         Depth Top Bottom         Type of Cement         #Sacks Used         Type and Percent Additives           — Perforate         — Protect Casing         — Protect Casing         — Plug Back TD         — Perforate         — Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)         Depth         — Depth         — Depth         — Depth         — Perforate         — Perforate         — Perforate         — Depth         <										gel, 2	% CaCl
Perforate			AD	DITIONAL	CEMENT	ING / SQL	JEEZE RECORD				
— Protect Casing         — Plug Back TD           — Plug Off Zone         PERFORATION RECORD - Bridge Plugs Set/Type         Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)         Depth           4 spf         2295' - 2296', 2302' - 2304', 2311' - 2313', 2346' -         1200 gal 15% HCL         2295' -           2348', 2362' - 2364', 2377' - 2379', 2399' - 2401',         2430'         2430'           TUBING RECORD         Size         Set At 2396'         Packer At none         Liner Run Yes         No           Date of First, Resumerd Production, SWD or Enhr. 10/3/04         Producing Method         Flowing         Pumping         Gas Lift         Other (Explain)           Estimated Production Per 24 Hours         Oil Bbls. Gas Mcf         Water Bbls. Gas-Oil Ratio Gravity NA         NA	1		Type of Ce	ement	#Sack	s Used		Type and Pe	rcent Additives	<b>;</b>	
Specify Footage of Each Interval Perforated	Protect Casing Plug Back TD										
Specify Footage of Each Interval Perforated											
2348', 2362' - 2364', 2377' - 2379', 2399' - 2401',   2430'     2428' - 2430'     1103 bbls fluid & 62,856 # sand	Shots Per Foot	and the second s				•				rd	Depth
2428' - 2430'  TUBING RECORD Size Set At Packer At Liner Run 2 3/8" 2396' none Yes Mo  Date of First, Resumerd Production, SWD or Enhr. 10/3/04  Estimated Production Per 24 Hours  O	4 spf	2295' - 2296', 23	02' - 2304', 2	2311' - 23	313', 23	346' - 1200 gal 15% HCL 2299			2295' -		
TUBING RECORD Size Set At Packer At Liner Run 2 3/8" 2396' none Yes V No  Date of First, Resumerd Production, SWD or Enhr. 10/3/04 Producing Method Flowing Pumping Gas Lift Other (Explain)  Estimated Production Per 24 Hours 0 0 21 NA NA		2348', 2362' - 23	64', 2377' - 2	2379', 23	99' - 24	01',					2430'
2 3/8" 2396' none		2428' - 2430'					1103 bbls flu	id & 62,856 #	sand		
2 3/8" 2396' none						····					
Date of First, Resumerd Production, SWD or Enhr.  10/3/04  Producing Method  Flowing Pumping Gas Lift Other (Explain)  Estimated Production Per 24 Hours  O 0 0 21 NA NA	TUBING RECORD			n		At		Yes 🗸 No			
Per 24 Hours 0 0 21 NA NA	· ·	d Production, SWD or E			od	Flowing			Othe	er (Explain,	)
			3bls.		Mcf		er Bb			N	- 1
Vented Sold Used on Lease Open Hole Perl. Dually Comp. Commingled MECEIVED  Other (Specify)  COMMINITY  OCT 18 2004	Disposition of Gas		OMPLETION				Production Interv				
CT 18 2004  KCC WICHITA			=	•		i. 🔲 🛚	ually Comp.	Commingled	<i>r</i>	TECE	IVED
KCC WICHITA	Uther (Speci				v)				0	CT 18	200%
									KC	O WIC	-vu <del>y</del> Shita

CONSOLIDATED OIL WELL SERVICES C. 211 W. 14TH STREET, CHANUTE, KS 65, 20 620-431-9210 OR 800-467-8676

T ET NUMBER	1350			
LOCATION EUREKA				
FOREMAN KevIN /	MCCoy			

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER#	WELL NAME & NUM	MBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-16-04		BohANNON # 5-2		20	55	14E	Nemaha
CUSTOMER			<u> </u>		1	1,72	TACHANH
HEARTIAN	doil & e	SAS INC.		TRUCK #	550/55	T	
MAILING ADDRE	SS		<del>-</del>	TRUCK #	DRIVER	TRUCK#	DRIVER *
				445	TROY		
6286 EAS	+ Long CII	-cle North		439	Justin		
CITY		STATE ZIP CODE			003.770	<del>                                     </del>	<del> </del>
Englewood	<u>d</u>	Co. 80112	į			<u> </u>	
JOB TYPE Su		HOLE SIZE 12/4	→ _ HOLE DEPTI	286	CASING SIZE & W	FIGHT 85/8	23 #
CASING DEPTH_		DRILL PIPE	TUBING			OTHER	
SLURRY WEIGHT	т <u>/5</u> #	SLURRY VOL 35 BBL	WATER galls	k 6.5	CEMENTIES	OTHER	,
DISPLACEMENT	16. BBL	DISPLACEMENT PSI 200 PS	MIX PSI	100 PSI	RATE		
REMARKS: JA	Fety Meet	ing: Kig up to	85/8 CASU	NO. BREAK	Carcalada	1 w/20	BL Foesh
with the . I	4mp / 86	L 1740 WATER MIN	Ked 145	sks Kecula	a Como t	11 201 1	Cool Do
_ Gel /4	# Flocele 1	per/sk (c) 15 # Pen/9	al (viet	1 1354 56	T do 6	2-1	17012 2 70
Disalaca	. 1 1/ 7	5 01/ 5 /	7.C. Cyrere	1 -1	77 00WN. X	elease Pl	49.
- SPINCE	$\omega_1 = \omega_2$	5 BLL Fresh WAter.	Shut a	own. Shut	CASING IN	1 @ 200	PS1.
<u>600 d</u> CE	ement Ket	VRNS TO SURFACE	= 8 Bb	- Slurry.	Job Com	plete 4.	30 Pm
						<u></u>	<del></del>
			<del></del>	<del></del>	<del> </del>		

ACCOUNT	QUANITY or UNITS		<u> </u>	<del></del>
CODE	QUANTIT OF UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	/ .	PUMP CHARGE	550.00	550.00
		MILEAGE	1 330.00	N/c
			1.	
1104	145 5KS	Regular Class A" Cement	8.90	1290.50
1102	8 SKS	CAC/Z 3%	35.70	
1118	3 sks	GeL 2%		285.60
1107	1/2 5KS	Flocele 1/4 # Per/sk	12.40	37.20
		1700ER 74 1473 K	40.00	60.00
5502 C	4 HRS	80 011 11		
3002 C	7 11123	80 BbL VAC TRUCK	78.00	312.00
4132	2	85/8 x 12 /4 Centralizees	40.00	0.
4432		8 /8 wooden Plug	50.00	80.00 50.00
				. 30700
5407 A		TON Mileage RECEIVED		450.00
		OCT .		700,00
		OCT 18 2004		
		KCC WICHITA		
		TA	Sub TotaL	3115.30
		6.3%	SALES TAX	113.61
	1		ESTIMATED	0.000

JTHORIZTION Jayla Akee

TITLE Co. Reg.

TOTAL 3228.9

CONSOLIDATED OIL WELL SERVICES C. 211 W. 14TH STREET, CHANUTE, KS 66, 20 620-431-9210 OR 800-467-8676

T' KET NUME	BER	1361	
LCCATION	EureKa		
FOREMAN	Brad F	Butler	

# TREATMENT REPORT & FIELD TICKET CEMENT

			O E IVI E I V	1 1			*
DATE	CUSTOMER#	WELL NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-18-04 CUSTOMER	<u> </u>	Bohannon 3	-20	20	55	14E	Nemaha
	-1 · 1 m · 1	, <u> </u>					
Heart MAILING ADDRE	Tand Oil	Gas, Inc.	Gulick	TRUCK#	DRIVER	TRUCK#	DRIVER
		ν.	Drilling	436	Rick		
6286	East Long	STATE ZIP CODE		439	Alan		<u> </u>
CHY	<i>y</i>	STATE ZIP CODE		437	Jin		ļ. ———
Englewo	od	CO, 80/12		707	0///	<del>_</del>	<del></del>
JOB TYPE	engstring	HOLE SIZE 77%	HOLE DEPTH	27/2	CASING SIZE & WI	FIGUE 5 1/2"	15511
CASING DEPTH_	2690-	DRILL PIPE	ZHOWN PR	TO 2644			- 15.5 /b.
SLURRY WEIGH	т_ <i>/4.4/b.</i>	SLURRY VOL 44 Bbls	WATER gal/sl			OTHER	
DISPLACEMENT	63 Bbls.	DISPLACEMENT PSI 600	Landed Alug PSI	1100	RATE 4	RPM	>
REMARKS: 5	SeTy Meet	ing: RigupTo 51/2"C	asing Area	K cicalaTia	of Charles	<del>-</del> - D	. 207//
MeTasilicaTa	Preslush Co	Howed with 15 Bbl. water	Shocer 1	Mired 170 C	Ve OUC Co	Jale, Tum	red du Bbls
27.6eL, 2	To CACLE ) WI	ith 1413, PYSK of Floce	e at 14.4	the person	11. del (1111)	GL TI	S' CALST-AL,
washed ou	Toumo & Lines	- Release Plug - D.	isoloce Plus	13 RL	1, 401 To	Shul dow	,w
Final	augain at /	OD PST. P.	Black Tray	WINGO DD	B. KC Wale.	2	·
FlogT +	Hall ale	600 PSI - Bumped	Frug 10 //	00 FSI L	vait dmin, - K	elease Mis	swe
7. 1091 7	leid- Ubse	- casing in with OPS	- Lande	d Plugar 9	:45 pm.		
- Necipieca	le cosing d	lung Displacement of Pr	lug - we h	ed good circ	elation during	Cementine Pro	cedure
		Job ca,	npleTe- 1	ear down			
	<u></u>						

		"Thank You"			***************************************
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES o	r PRODUCT	UNIT PRICE	TOTAL
5401	/	PUMP CHARGE		710,00	710.00
	0	MILEAGE	·	770,00	NC
1/0/					140
1126	170 SKS	O.W.C. (class Acemui, 6%,	AL-SEAL, 236-1, 28AC)	11.85	2014.50
1107	2 SKs.	Flocele 1416, P4/SK		40,00	80.00
1205		SuperSweet BacTericlside	(Mixing Water)	23.65	23.65
12.15	6 GAL.	KCL Substitute	(Displacement water)	23.10	/38.60
1238	2 GAL.	Foamer	(Preflush)	31.50	63.00
5502 C	6 Hrs.	80 Bbl. VAC Truck	OCT LEVED	78.00	468,00
			CHICHIA		, , , , ,
1/202		40	10 0		
4203	/	5'2" Guide Shoe	Ch. 2006	102.00	102.00
4178		5/2" Float Collar	Chi	215.00	215,00
4130		51/2" Centrolizes	"/4	28.00	420.00
7906	/	51/2" Top Rubber Plug		40.00	40.00
5407 A		Ton Mila			
		Ton Milegge			450.00
			63%	SALES TAX	180.90
_	1. 11			ESTIMATED	·LIDALIC