

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. _____
5/12/04 5/14/04 8/08/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 131-20185 - 00-00
County: Nemaha
NE SW SW Sec. 14 Twp. 4 S. R. 14 East West
KCC 810 784 feet from (S) N (circle one) Line of Section
GPS 810 4500 feet from (E) (circle one) Line of Section
Footages KAR
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW (SW)
Lease Name: Bloom Well #: 13-14
Field Name: wildcat
Producing Formation: Cherokee
Elevation: Ground: 1237' Kelly Bushing: 1245'
Total Depth: 2728' Plug Back Total Depth: 2669'
Amount of Surface Pipe Set and Cemented at 281' 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 P+A KJR 2/7/08
(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: RECEIVED
KANSAS CORPORATION COMMISSION
Operator Name: _____ SEP 29 2004
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. WICHITA 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. Hayworth
Title: Consulting Engineer Date: 9/20/04
Subscribed and sworn to before me this 20th day of September
04
Notary Public: Diane Cane
Date Commission Expires: _____

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

Commission Expires 09/16/2005

Operator Name: Heartland Oil and Gas, Inc. Lease Name: Bloom Well #: 13-14
 Sec. 14 Twp. 4 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 <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Marmaton</td> <td>1682'</td> <td></td> </tr> <tr> <td>Cherokee</td> <td>1842'</td> <td></td> </tr> <tr> <td>Mississippian</td> <td>2674'</td> <td></td> </tr> </table> Geological Report Enclosed	Name	Top	Datum	Marmaton	1682'		Cherokee	1842'		Mississippian	2674'	
Name	Top	Datum											
Marmaton	1682'												
Cherokee	1842'												
Mississippian	2674'												

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#	281'	Class A	130	2% gel, 3% CaCl
Production	7 7/8"	5 1/2"	15.5#	2709.8'	Class A	195	6% gypsum, 2% gel, 2% CaCl

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: _____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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 KANSAS CORPORATION COMMISSION
SEP 29 2004
 CONSERVATION DIVISION
 WICHITA, KS

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	2163'-2165', 2232'-2234', 2305'-2307', 2311'-2313', 2339'-2341', 2348'-2350', 2368'-2370', 2425'-2427', 2470'-2472'	1800 gal 15% HCL 1190 bbls fluid w/ 62,182 # sand	2163' - 2472'

TUBING RECORD		Size 2 3/8"	Set At 2490'	Packer At none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 8/07/04		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 0	Water Bbls.	Gas-Oil Ratio unknown	Gravity 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) _____

CONSOLIDATED OIL WELL SERVICES, INC.
 211 West 14th, P.O. Box 607
 Chanute, Kansas 66720

Cementing Ticket
 and Invoice Number

N^o 5498

Date 5-13-04	Customer Order No.	Secl. 14	Twp. 4s	Range 14E	Truck Called Out	On Location	Job Began	Job Completed
Owner Heartland Oil + Gas, Inc.		Contractor Gulick Drilling			Charge To Heartland Oil + Gas, Inc.			
Mailing Address 6286 East Long Circle North		City Englewood			State CO. 80112			
Well No. & Form Bloom 13-14		Place Nemaha			State Kansas			
Depth of Well 288'	Depth of Job 285'	Casing (New) Size 8 5/8" (Used) Weight 23lb.	Size of Hole Amt. and Kind of Cement 12 1/4" 130 SKS.		Cement Left in casing by) Request Necessity 20' feet			
Kind of Job Surface Pipe					Drillpipe Tubing		(Rotary) (Cable) Truck No. #444	

Remarks Safety Meeting: Rig up to 8 5/8" casing, break circulation with 20 Bbls. Freshwater. Pumped 8 Bbls Dyewater. Ahead Mixed 130 SKS. Reg. cement w/ 3% CACHz, 2% Gel and Flocc 1/4 lb P/SK. Shut down - Release Plug - Displace Plug with 16 3/4 Bbls water. Shut down - close casing in at 1:00 AM. Good cement returns to surface with 7 Bbls. Slurry 15 PPG

Price Reference No. #54015	Price of Job 525.00
Second Stage	
Mileage	N/C
Other Charges	
Total Charges	525.00

Cementer Brad Butler Job complete - Tear down
 Helper Alan - Rick District Eureka State Kansas
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

[Signature]
 Agent of contractor or operator

"Thank you"

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
130 SKS	Regular - class "A" cement #1104	8.50	1105.00
8 SKS	CACHz 3% #1102	34.00	272.00
2.5 SKS	Gel 2% #1118	11.80	29.50
1.5 SKS	Flocete 1/4 lb. P/SK #1107	37.75	56.62
5 Hrs	80 Bbl. VAC Truck #5502	75.00	375.00
RECEIVED KANSAS CORPORATION COMMISSION			
2	8 5/8" Centralizers SEP 29 2004 #4132		75.00
1	8 5/8" Wooden Plug #4432		46.50
CONSERVATION DIVISION WICHITA, KS			
Plugs	#5407 Ton Mileage		450.00
		Sub Total	2934.62
Delivered by Truck No. #442		Discount	
Delivered from Eureka		Sales Tax	
Signature of operator Brad Butler		Total	

CONSOLIDATED OIL WELL SERVICES, INC.

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

N^o 5511

Date	Customer Order No.	Secl.	Twp.	Range	Truck Called Out	On Location	Job Began	Job Completed
5-15-04		14	45	14E				
Owner HEARTLAND OIL & GAS, INC.		Contractor GULICK DRG.			Charge To HEARTLAND OIL & GAS, INC.			
Mailing Address 6286 EAST LONG CIRCLE NORTH		City ENGLEWOOD			State Co. 80112			
Well No. & Form Bloom 13-14		Place Nemaha			State KS			
Depth of Well 2728'	Depth of Job 2712'	Casing (New) Size 5 1/2 (Used) Weight 15.5 #	Size of Hole Amt. and Kind of Cement 7 7/8 195 SKS		Cement Left in casing by		Request Necessity 44' feet	
Kind of Job Longstring PBTD 2664'					Drillpipe		Rotary mud Cable Truck No. 445	

Price Reference No. 5401
Price of Job 675.00
Second Stage _____
Mileage N/C
Other Charges _____
Total Charges 675.00

Remarks Safety Meeting: Rig up to 5 1/2 casing. Break Circulation. Pump 30 BBL PreFlush, 15 BBL water spacer. Mixed 195 sks O.W.C. (Class "A" Cement 6% CAL-SEAL, 2% Gel 2% CaCl₂) 1/4" flocele per/sk @ 14.5 # per/gal. wash out Pump & Lines. Shut down. Release Plug. Displace w/ 63.5 BBL KCL water @ 4.5 BPM. FINAL Pumping Pressure 650 PSI. Bump Plug to 1150 PSI. wait 2 minutes. Release Pressure. Float Held. SHUT CASING IN @ 0 PSI. Good Circulation AT ALL times while Cementing. Job Complete @ 1:20 PM

Cementor Kevin McCoy * Recipitated casing while Displacing Plug.
Helper Mike, Justin, Rick District EUREKA State KS

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.
Thank you [Signature]
Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	#	PRICE	TOTAL
195 SKS	O.W.C. (CLASS "A" CEMENT, 6% CAL-SEAL, 2% CaCl ₂ , 2% GEL)	1126 J	11.30	2203.50
2 SKS	Flocele 1/4" PER/SK	1107	37.75	75.50
1 GAL.	Supersweet BACTERIALSIDE (IN MIXING WATER)	1205	22.50	22.50
6 GAL.	KCL Substitute (Displacement water)	1215	22.00	132.00
2 GAL.	FOAMER (PRE FLUSH)	1238	30.00	60.00
6 HRS	80 BBL VAC TRUCK	RECEIVED 5502 C	75.00	450.00
3000 gals		KANSAS CORPORATION COMMISSION 1123	11.25	33.75
SEP 29 2004				
1	5 1/2 Guide Shoe	4203	102.00	102.00
1	5 1/2 Float Collar	CONSERVATION DIVISION 4178	215.00	215.00
15	5 1/2 x 7 7/8 Centralizers	WICHITA, KS 4130	28.00	420.00
1	5 1/2 Top Rubber Plug	4406	40.00	40.00
Handling & Dumping				
Plugs		5407	Mileage	450.00
				Sub Total
				4879.25
Delivered by Truck No. 439			Discount	
Delivered from EUREKA			Sales Tax	
Signature of operator <u>Kevin McCoy</u>			Total	