

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>6/07/04</u>	<u>6/10/04</u>	<u>9/03/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 085-20075-00-00  
 County: Jackson  
 \_\_\_\_\_ NW SW NE Sec. 15 Twp. 5 S. R. 15  East  West  
KCC 3420 3496 feet from S / N (circle one) Line of Section  
GPS logs 2130 2143 feet from E / W (circle one) Line of Section  
Pool KGR  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Atwater Well #: 7-15  
 Field Name: wildcat  
 Producing Formation: Cherokee  
 Elevation: Ground: 1107' Kelly Bushing: 1115'  
 Total Depth: 2404' Plug Back Total Depth: 2327'  
 Amount of Surface Pipe Set and Cemented at 243.3' 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** R+H KGR 2-6-08  
 (Data must be collected from the Reserve Pit)  
 Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used evaporation  
**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
SEP 29 2004  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: CONSERVATION DIVISION  
 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: Consulting Engineer Date: 9/20/04  
 Subscribed and sworn to before me this 20<sup>th</sup> day of September  
 2004  
 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: Atwater Well #: 7-15  
 Sec. 15 Twp. 5 S. R. 15  East  West County: Jackson

**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 checked="" type="checkbox"/> Yes <input 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, Sonic Dual Compensated Porosity,	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%;"> <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>1488'</td> <td></td> </tr> <tr> <td>Cherokee</td> <td>1640'</td> <td></td> </tr> <tr> <td>Mississippian</td> <td>2358'</td> <td></td> </tr> </table> <p style="text-align: center;">Geological Report Enclosed</p>	Name	Top	Datum	Marmaton	1488'		Cherokee	1640'		Mississippian	2358'	
Name	Top	Datum											
Marmaton	1488'												
Cherokee	1640'												
Mississippian	2358'												

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**SEP 29 2004**  
 CONSERVATION DIVISION  
 WICHITA, KS

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#	243.3'	Class A	120	2% gel, 3% CaCl
Production	7 7/8"	5 1/2"	15.5#	2376.3'	Class A	190	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	1992'-1994', 2038'-2040', 2049'-2051', 2076'-2078',	1600 gal 15% HCL	1992' -
	2097'-2099', 2123'-2125', 2150'-2151', 2177'-2179,	1217 bbls fluid w/ 69,435 # sand	2186'
	2184'-2186'		

<b>TUBING RECORD</b>		Size <b>2 3/8"</b>	Set At <b>2148'</b>	Packer At <b>none</b>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>9/03/04</b>		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. <b>0</b>	Gas Mcf <b>0</b>	Water Bbls.	Gas-Oil Ratio <b>unknown</b>	Gravity <b>unknown</b>

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

PO Box 103  
Eureka, Kansas 67045

Ordering Ticket  
and Invoice Number

No. **5537**

Date <b>6-7-04</b>	Customer Order No.	Secl. <b>15</b>	Twp. <b>55</b>	Range <b>15E</b>	Truck Called Out	On Location	Job Began	Job Completed
Owner <b>Heartland Oil &amp; Gas, Inc.</b>		Contractor <b>Gulick Drilling</b>			Charge To <b>Heartland Oil &amp; Gas, Inc.</b>			
Mailing Address <b>6286 East Long Circle North</b>		City <b>Englewood</b>			State <b>Co. 80112</b>			
Well No. & Form <b>ATwater 7-15</b>		Place <b>JACKSON</b>			State <b>KANSAS</b>			
Depth of Well <b>257'</b>	Depth of Job <b>247'</b>	Casing <input checked="" type="radio"/> New <input type="radio"/> Used	Size <b>8 5/8</b>	Weight <b>23 #</b>	Size of Hole Amt. and Kind of Cement <b>12 1/4 120 SKS</b>	Cement Left in casing by <input type="radio"/> Request <input checked="" type="radio"/> Necessity <b>20'</b> feet		
Kind of Job <b>SURFACE Pipe</b>					Drillpipe	<input checked="" type="radio"/> Rotary <input type="radio"/> Cable		<b>mud 445</b>
					Tubing	Truck No. <b>445</b>		

Price Reference No. <b>54015</b>	Price of Job <b>525.00</b>
Second Stage	
Mileage <b>NIC</b>	
Other Charges	
Total Charges <b>525.00</b>	

Remarks **SAFETY Meeting: Rig up to 8 5/8 casing. BREAK Circulation w/ 20 BBL Fresh water. Pump 8 BBL Dye water. Mix 120 SKS Regular Cement w/ 3% CaCl2, 2% Gel, 1/4 # Flocele Pulsk @ 14.9 # per/gal (yield 1.35). Shut down. Release Plug. Displace w/ 14.5 BBL Fresh water. Shut casing in. @ 200 PSI. Good Cement Returns to Surface = 6 BBL Slurry. Job Complete @ 8:15 PM Rig down.**

Cementor **Kevin McCoy**  
 Helper **Troy Anthony** 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	
120 SKS	Regular Class "A" Cement	1104	8.50	1020.00	
7 SKS	CaCl2 3%	1102	34.00	238.00	
2 SKS	Gel 2%	1118	11.80	23.60	
1 1/2 SKS	Flocele 1/4 # per/sk	1107	37.75	56.62	
5 Hrs	80 BBL VAC TRUCK #444 RECEIVED 5502 C		75.00	375.00	
KANSAS CORPORATION COMMISSION					
SEP 29 2004					
CONSERVATION DIVISION WICHITA, KS					
2	8 5/8 Centralizers	4132	40.00	80.00	
1	8 5/8 wooden Plug	4432	46.50	46.50	
Plugs	5407 Ton Mileage			450.00	
				Sub Total	2814.72
Delivered by Truck No. <b>439</b>				Discount	
Delivered from <b>EUREKA</b>				Sales Tax	
Signature of operator <i>[Signature]</i>				Total	

# CONSOLIDATED OIL WELL SERVICES

PO Box 103  
Eureka, Kansas 67045

Counting Ticket and Invoice Number

No. 5593

Date	Customer Order No.	Sect.	Twp.	Range	Truck Called Out	On Location	Job Began	Job Completed
6-11-04		14	55	15E				
Owner Heartland Oil & Gas, Inc.		Contractor Gulick Drig.			Charge To Heartland Oil & Gas, Inc.			
Mailing Address 6286 East Long Circle North		City Englewood			State Co. 80112			
Well No. & Form ATwater # 5WPA 7-15	Place 7-15	County JACKSON			State KANSAS			
Depth of Well 2404	Depth of Job 2379'	Casing New	Size 5 1/2	Weight 15.50 #	Size of Hole Amt. and Kind of Cement 190 SKS	Cement Left in casing by	Request Necessity 44' feet	
Kind of Job Longstring P.B.T.D. 2333'					Drillpipe	Rotary mud		Truck No. 445

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

Remarks: Safety Meeting: Rig up to 5 1/2 casing. Break Circulation. Pump 20 BBL Pre flush, 15 BBL water spacer. Mixed 190 SKS O.W.C. Cement w/ 1/4 # Flocele Perisk @ 14.4 # per gal (yield 1.44). Wash out Pump & Lines. Shut down. Release Plug. Displace w/ 55.5 BBL fresh water. FINAL Pumping Pressure 700 PSI. Bump Plug to 1200 PSI. Wait 2 minutes. Release Pressure. Float Held. Shut casing in @ 0 PSI. Good Circulation At ALL times while Cementing. Job Complete. Rig down

Cementer: Kevin McCoy  
Helper: Troy, Justin, Harold  
District: EUREKA  
State: KS  
Agent of contractor or operator: [Signature]

Recipitated casing while displacing.

THANK YOU

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
190 SKS	O.W.C. (CLASS "A" Cement 6% CAL-SEAL, 2% GEL, 2% CACK) 1126	11.30	2147.00
2 SKS	Flocele 1/4 # Perisk 1107	37.25	75.50
1 GAL	Supersweet Bacterialside (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 (OTTAWA) RECEIVED 5502C	75.00	450.00
3000 gals	City water KANSAS CORPORATION COMMISSION 1123	11.25 per 1000	33.75
1	5 1/2 Guide Shoe SEP 29 2004 4203	102.00	102.00
1	5 1/2 Float Collar 4178	215.00	215.00
15	Centralizers 5 1/2 x 7 7/8 CONSERVATION DIVISION WICHITA, KS 4130	28.00	420.00
1	5 1/2 Top Rubber Plug 4406	40.00	40.00
Handling & Dumping			
Plugs	5407 Ton Mileage		450.00
Sub Total			4,822.75
Delivered by Truck No. 439			Discount
Delivered from EUREKA			Sales Tax
Signature of operator Kevin McCoy			Total