

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 & Gas Corporation  
Address: 1610 Industrial Park Drive  
City/State/Zip: Paola, KS 66071  
Purchaser: \_\_\_\_\_  
Operator Contact Person: James Harmon  
Phone: ( 913 ) 294-1400  
Contractor: Name: Aztec Well Services, Inc.  
License: 33972

Wellsite Geologist: \_\_\_\_\_  
Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover  
\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_ 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. \_\_\_\_\_  
9-28-07 10-1-07  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 121-28494-0000  
County: Miami  
NE NE SE \_\_\_\_\_ Sec. 01 Twp. 18 S. R. 23  East  West  
2246 feet from (S) N (circle one) Line of Section  
626 feet from (E) W (circle one) Line of Section

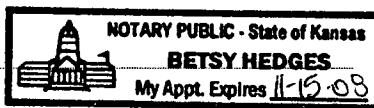
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Prothe Well #: 43-1  
Field Name: Lancaster  
Producing Formation: Coal/Shale  
Elevation: Ground: 889' Kelly Bushing: 549'  
Total Depth: 600' Plug Back Total Depth: 579'  
Amount of Surface Pipe Set and Cemented at 20 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 579'  
feet depth to \_\_\_\_\_ surface w/ 106 \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan *ACT I W M*  
(Data must be collected from the Reserve Pit) *2-8-08*  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite:  
Operator Name: Heartland Oil & Gas Corporation  
Lease Name: Prothe 43-1 License No.: 33233  
Quarter NE Sec. 01 Twp. 18 S. R. 23  East  West  
County: Miami Docket No.: D28279

**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: James Harmon  
Title: Area Superintendent Date: 1-21-08  
Subscribed and sworn to before me this 22<sup>nd</sup> day of January,  
20 08.  
Notary Public: Betsy Hedges  
Date Commission Expires: 11-15-08



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 if Denied, Yes  Date: \_\_\_\_\_ RECEIVED  
 Wireline Log Received KANSAS CORPORATION COMMISSION  
\_\_\_\_\_  
 Geologist Report Received  
\_\_\_\_\_  
 UIC Distribution  
**JAN 24 2008**  
CONSERVATION DIVISION  
WICHITA, KS

Side Two

Operator Name: Heartland Oil & Gas Corporation Lease Name: Prothe Well #: 43-1  
 Sec. 01 Twp. 18 S. R. 23  East  West County: Miami

**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  
 Mulberry Coal 336' GL  
 Lexington Coal 372' GL

List All E. Logs Run:

Dual Induction  
 Compensated Neutron/SSD

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 1/2"	8 5/8"	24	20'	Portland	7	
Production	7 7/8"	5 1/2"	15.5	579'	OWC	106	10# kol-seal

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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
			<input type="checkbox"/> Flowing <input 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

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  
 METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  
 Production Interval  Other (Specify) \_\_\_\_\_

RECEIVED  
 KANSAS CORPORATION COMMISSION

JAN 24 2008

CONSERVATION DIVISION  
 WICHITA, KS

