

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33233	API No. 15 - 121-28494-0000
Name: Heartland Oil & Gas Corporation	County:Miami
Address: 1610 Industrial Park Drive	NE -NE - Sec. 01 Twp. 18 S. R. 23 Fast West
City/State/Zip: Paola, KS 66071	feet from S/ N (circle one) Line of Section
Purchaser:	feet from (E)/ W (circle one) Line of Section
Operator Contact Person: James Harmon	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 294-1400	(circle one) NE SE NW SW
Contractor: Name: Aztec Well Services, Inc.	Lease Name: Prothe Well #: 43-1
License: 33972	Field Name: Lancaster
Wellsite Geologist:	Producing Formation: Coal/Shale
Designate Type of Completion:	Elevation: Ground: 889' Kelly Bushing: 549'
✓ New Well Re-Entry Workover	Total Depth: 600' Plug Back Total Depth: 579'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented atFeet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes ✓ No
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 579
Operator:	feet depth to surface w/ 106 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) 2-8-08 Chloride content ppm Fluid volume bbls
Deepening Re-perf Conv. to Enhr./SWD	Z-8-08 Chloride content
Plug Back Plug Back Total Depth	
Commingled Docket No.	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No.	Operator Name: Heartland Oil & Gas Corporation
9-28-07 10-1-07	Lease Name: Prothe 43-1 License No.: 33233
Spud Date or Date Reached TD Completion Date or Recompletion Date Completion Date Recompletion Date	Quarter_NE_Sec01 Twp18_S. R23 East West County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1 107 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. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
Signature: Jame Osfanusa	KCC Office Use ONLY
Title: Area Superintendent Date: 1-21-08	Letter of Confidentiality Received
Subscribed and sworn to before me this 22nd day of	If Denied, Yes Date:RECEIVED
O	Wireline Log Received KANSAS CORPORATION COMMISSION
20 0/8 NOTARY PUBLIC - SI	
Notary Public: Detay Oledge BETSY HI	EDGES UIC Distribution
Date Commission Expires: 11–15-03 My Appt. Expires	CONSERVATION DIVISION WICHITA, KS

perator Name: Heartla					e name:	othe		- Well #:4	3-1	
ISTRUCTIONS: Show sted, time tool open a simperature, fluid recovelectric Wireline Logs stems.	v important tops a nd closed, flowing ery, and flow rates	nd base of fo and shut-in if gas to sur	rmations pe pressures, v face test, al	enetrated. whether s long with	shut-in press	ure reached s	static level, hydro	static pressu	res, bottom hole	
rill Stem Tests Taken (Attach Additional Sho	ee(s)	Yes	√ No		✓ Log	Formatic	on (Top), Depth a	nd Datum	Sample	
Samples Sent to Geolog	ŕ	✓ Yes	□No		Name Mulberr	, Coal		Top 336	Datum GL	
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ✓ Yes	✓ No ☐ No		Lexingto	•		372'	GL	
ist All E. Logs Run:										
Dual Induction Compensated N	leutron/SSD									
		Report al	CASING F		-	Used	on, etc.			
Purpose of String	Size Hole Drilled	Size C Set (In	asing	We	eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	12 1/2"	8 5/8		2	4	20'	Portland	7	7.00	
Production	7 7/8"	5 1/2	II.	15.5		579'	owc	106	10# kol-seal	
- LOUIS AND THE STATE OF THE ST		A	DDITIONAL	CEMENT	ING / SQUE	ZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of (Cement	#Sack	ks Used		Type and Pe	ercent Additive	s	
Shots Per Foot PERFORATION RECORD - Bridge Plugs S Specify Footage of Each Interval Perfore								Shot, Cement Squeeze Record nd Kind of Material Used) Depth		
TUBING RECORD	Size	Set At		Packer	At l	iner Run	Yes No			
Date of First, Resumerd P	roduction, SWD or E	nhr. Pi	roducing Meth	ıod	Flowing	Pumpin		Oth	ner (Explain)	
Estimated Production Per 24 Hours	Oil I	3bls.	Gas I	Mcf	Water	Bt		as-Oil Ratio	Gravity	
Per 24 Hours Disposition of Gas	METHOD OF C	OMPLETION			F	roduction Interv	val		RECEIVED	
	Used on Lease		Open Hole Other (Specif	√ Per		lly Comp.	Commingled		JAN 2 4 200	

CONSERVATION DIVISION WICHITA, KS

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RECEIVED KANSAS CORPORATION COMMISSION