

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 Corporation
Address: 1610 Industrial Park Drive
City/State/Zip: Paola, KS 66071
Purchaser: _____
Operator Contact Person: James Harmaon
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. _____
11-8-07 11-9-07
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 121-28515-0000
County: Miami
s/4 NW 1/4 Sec. 04 Twp. 18 S. R. 24 East West
1647 feet from S / (N) (circle one) Line of Section
2215 feet from E / (W) (circle one) Line of Section

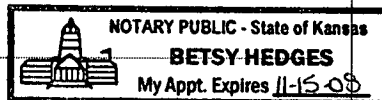
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Johnson Well #: 22-4
Field Name: Jake
Producing Formation: Coal/Shale
Elevation: Ground: 964' Kelly Bushing: _____
Total Depth: 700' Plug Back Total Depth: 679'
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 679'
feet depth to Surface w/ 111 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *ALT II with 2-8-08*
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
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: James Harmaon
Title: Area Superintendent Date: 1-16-08
Subscribed and sworn to before me this 22nd 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 **JAN 24 2008**
 UIC Distribution **CONSERVATION DIVISION WICHITA, KS**

Operator Name: Heartland Oil and Gas Corporation Lease Name: Johnson Well #: 22-4
 Sec. 04 Twp. 18 S. R. 24 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 <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 Compensated Neutron/SSD	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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	679'	OWC	111	10# Kol-Seal

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth

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 **METHOD OF COMPLETION** Production Interval **KANSAS CORPORATION COMMISSION**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify)

RECEIVED
JAN 24 2008
CONSERVATION DIVISION
WICHITA, KS



INSOLIDATED OIL WELL SERVICES, LLC
 P. BOX 884, CHANUTE, KS 68720
 0-431-9210 OR 800-467-8676

TICKET NUMBER 15748
 LOCATION Ottawa
 FOREMAN Alan Made

TREATMENT REPORT & FIELD TICKET
 CEMENT

W.O. # 180 HC

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-9-07	1099	Johnson #22-4	4	18	24	M.
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
AZTEC			516	Alan M		
BILLING ADDRESS			368	Bill Z		
06 S Main			325/T106	Mark W		
Springhill			503	Jason		
STATE		ZIP CODE	HOLE DEPTH			
KS		66023	700			
HOLE SIZE		HOLE DEPTH	CASING SIZE & WEIGHT			
7 7/8		700	3 1/2			
DRILL PIPE		TUBING	OTHER			
SLURRY VOL		WATER gal/ok	CEMENT LEFT in CASING			
DISPLACEMENT PSI		MIX PSI	RATE			
			4 gpm			

MARKS: Established rate. Mixed & pumped 25 bbl water with EST 41 for flush, followed by 10 bbl dye marker. Mixed & pumped 11 5/8 DWL with 10 bbl Kal-seal. Circulated dye to surface. Flushed pump. Pumped plug to casing TD. Circulated 6bl cement returns. Well held 800 PSI. Set float, checked depth with wireline. Mixed cement with bacteriaicide in water. Pumped plug with KCl water.

Alan Made

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE	368	840.00
5406	40	MILEAGE	368	137.00
5402	675'	Casing footage	368	285.00
5407	min	ten miles		
5501C	3	transport	305/T106	300.00
1110A	1110	Kal-seal		421.80
1126	99	DWL		1524.60
1170	1/2 gal	supersweet		3.33
1142	1 1/4 gal	KCl substitute		32.50
1143	1 gal	EST 41		35.45
4406	1	5 1/8 plug		56.00
5143	1	5 1/8 flipper float shoe		260.00
				3900.60
SALES TAX 6.55%				153.51
ESTIMATED TOTAL				4054.11

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 KANSAS CORPORATION COMMISSION
 JAN 24 2008
 CONSERVATION DIVISION
 WICHITA, KS

Authorization: No company rep
 Received Time: Nov. 23, 2007 9:28AM No. 0552

TITLE: W.O. # 218427

DATE: 11/23/07