

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. \_\_\_\_\_  

<u>7-25-07</u>	<u>7-26-07</u>	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 121-28476-0000  
County: Miami  
SE - SW - SW - Sec. 02 Twp. 18 S. R. 24  East  West  
440 feet from (S) N (circle one) Line of Section  
956 feet from E / (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Reichert Well #: 14-2  
Field Name: Jake  
Producing Formation: Coal/Shale  
Elevation: Ground: 941' Kelly Bushing: \_\_\_\_\_  
Total Depth: 560' Plug Back Total Depth: 520'  
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 520'  
feet depth to Surface w/ 76 sx cmt.  
Alt 2-Dig - 11/16/09

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
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 Harmon  
Title: Area Superintendent Date: 11-9-07  
Subscribed and sworn to before me this 9 day of November,  
2007.  
Notary Public: Marcia Littell  
Date Commission Expires: 3/3/2010

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**NOV 13 2007**



CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Heartland Oil & Gas Corporation Lease Name: Reichart Well #: 14-2  
 Sec. 02 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:  <b>Dual Induction and Compensated Neutron/SSD</b>	<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	520'	OWC	76	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (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, Resumed 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
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
 NOV 13 2007  
 CONSERVATION DIVISION  
 WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, INC.  
 P.O. BOX 884, CHANUTE, KS 66720  
 620-431-9210 OR 800-457-6676

TICKET NUMBER 15572  
 LOCATION Ottawa KS  
 FOREMAN Fred Mader

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7/26/07	1099	Reichert # <u>1418</u>	2	18	24	MI
CUSTOMER <u>AZTEC</u>						
MAILING ADDRESS <u>106 So. Main</u>						
CITY <u>Springhill</u>			STATE <u>KS</u>		ZIP CODE <u>66083</u>	
JOB TYPE <u>Log string</u>		HOLE SIZE <u>2 3/8</u>	HOLE DEPTH <u>560'</u>	CASING SIZE & WEIGHT <u>5 1/2"</u>		
CASING DEPTH <u>0-520'</u>		DRILL PIPE	TUBING	OTHER		
SLURRY WEIGHT		SLURRY VOL	WATER gal/sk	CEMENT LEFT IN CASING <u>5 1/2 Plug</u>		
DISPLACEMENT <u>12.68</u>		DISPLACEMENT PSI	MIX PSI	RATE <u>5BPM</u>		

REMARKS: Check casing depth/wireline. Mix Pump 20 BALS  
Flush w/ 1 Gal ESA-41 (soap) Mix Pump 7 BALS  
Telltale dye. Mix Pump 76 SKS OWC Cement  
w/ 10# Kal Seal per sack. Flush pump/lines clean.  
Displace 5 1/2" Rubber plug to casing TD w/ 12.68 BALS  
KCL water pressure to 600 PSI. Release pressure  
to set float valve. Check plug depth/wireline.

Note: Mix Cement w/ Biocide Treated H<sub>2</sub>O. Fred Mader

ACCOUNT CODE	QUANTITY OF UNITS	DESCRIPTION OF SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump	495	890.00
5406	45 mi	MILEAGE Pump Truck	495	148.25
5407	Maintenance	Tax Mileage	122	285.00
5501C	3 hrs	Transport 505-7106		300.00
7126	68 <sup>5B</sup> SKS	OWC Cement		1047.00
1110A	760 #	Kal Seal		289.00
4406	1	5 1/2" Rubber Plug		56.00
1205	1/2 Gal	Super Sweet (Biocide)		13.00
1215	1 Gal	KCL Substitute		26.00
1238	1 Gal	ESA-41 (soap)		35.00
RECEIVED KANSAS CORPORATION COMMISSION				
Sub Total				3040.28
TAX @ 6.55%				91.18
SALES TAX ESTIMATE TOTAL				3131.46

AUTHORIZATION alva stage TITLE Watt 215011 DATE \_\_\_\_\_