

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 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>08-01-07</u>	<u>08-02-07</u>	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 121-28481-0000
County: Miami
NW NE SW SE Sec. 03 Twp. 18 S. R. 24 East West
1500 feet from S / **(N)** (circle one) Line of Section
2291 feet from **(E)** W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) **(NE)** SE NW SW
Lease Name: Vohs Well #: 32-3
Field Name: Jake
Producing Formation: Coal/Shale
Elevation: Ground: 1009' Kelly Bushing: _____
Total Depth: 640' Plug Back Total Depth: 602'
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 602'
feet depth to surface w/ 92 sx cmt.

Drilling Fluid Management Plan *ALT II W/H*
(Data must be collected from the Reserve Pit) *12-13-07*
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: 11-16-07
Subscribed and sworn to before me this 16 day of November
20 07
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 19 2007
CONSERVATION DIVISION
WICHITA, KS

NOTARY PUBLIC - State of Kansas
MARCIA LITTELL
My Appl. Exp. 3/3/2010

Operator Name: Heartland Oil & Gas Corporation Lease Name: Vohs Well #: 32-3
 Sec. 03 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	602'	OWC	92	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, 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 Other (Specify) _____

Production Interval _____

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 WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 5580
 LOCATION Ottawa KS
 FOREMAN Fred Mader

P.O. # 023-4C

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/2/02	1099	Valer # 32-3	3	16	24	M

CUSTOMER Aztec
 MAILING ADDRESS
106 E. Main
 CITY Springhill STATE KS ZIP CODE 66083

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred		
495	Casey		
122	Bill		
505-7106	Allen		

JOB TYPE Logging HOLE SIZE 7 7/8 MILE DEPTH 640 CASING SIZE & WEIGHT 5 1/2
 CASING DEPTH 06020 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gallons _____ CEMENT LEFT IN CASING 5 1/2 Plug
 DISPLACEMENT 14.7 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 6 BPM

REMARKS: Check casing depth w/ wire line. Mix + Pump 80 BBL
Flush w/ 1 Gald ESA-41 (soap). Mix + Pump 9 BBL Tell tale
dye. Mix + Pump 92 SKS OWC Cement w/ 10 # Kal Seal
per sack. Flush pump + lines clean. Displace 5 1/2" rubber
plug to casing TA w/ 14.7 BBL HCL water. Pressure
to 600 PSI. Release pressure to set float valve.
Check plug depth w/ wire line.

Note: Mix Cement w/ biocide treated H₂O Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump	495	840.00
5406	45 mi.	MILEAGE Pump Truck	495	148.50
5407	Minimum	Ten Mileage	122	255.00
5000	4 hrs	Transport 505-7106		400.00
5404	3 hrs	Stand by (3 men x 1 hr)		219.00
1126	83 SKS	OWC Cement		1278.20
1110A	920 #	Kal Seal		349.60
4406	1	5 1/2" Rubber Plug		56.00
1140	1/2 Gal	Super Sweet		13.33
1143	1 Gal	ESA-41 (soap)		35.45
1142	1/2 Gal	KCL Substitute		13.00
		<u>Sub Total</u>		<u>3638.14</u>
		<u>Tax @ 6.55%</u>		<u>114.34</u>
		<u>also Glass by Phone</u>		
		SALCS TAX		
		ESTIMATED TOTAL		<u>3752.48</u>

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AUTHORIZATION _____ TITLE _____ DATE _____