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JUN 30 2005

KCC WICHITA

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ReSubmit

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 33233  
Name: Heartland Oil & Gas Corporation  
Address: 2515 East Logan  
City/State/Zip: Ottawa, KS 66067  
Purchaser:  
Operator Contact Person: Steve Littell  
Phone: (785) 242-6875  
Contractor: Name: Thornton Drilling Company  
License: 4815  
Wellsite Geologist:

API No. 15 - 005-20110-00-00  
County: Atchison  
NW - NW - SE - SE Sec. 33 Twp. 6S S. R. 21  East  West  
1193 feet from  N (circle one) Line of Section  
1225 feet from  W (circle one) Line of Section

Footages Calculated from: Nearest Outside Section Corner:  
(circle one) NE  SE NW SW  
Lease Name: Walnut aka Boldridge Well #: 33-4 aka C 1  
Field Name: Forrest City CBM  
Producing Formation: Coal / Shale

Elevation: Ground: 943' Kelly Bushing: 952'  
Total Depth: 1530' Plug Back Total Depth: 1490'  
Amount of Surface Pipe Set and Cemented at 162 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1490  
feet depth to surface w/ 150 \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan *Alt I with 2-27-07*  
(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: \_\_\_\_\_  
Title: District Supervisor Date: 6-28-05  
Subscribed and sworn to before me this 28 day of June  
20 05.  
Notary Public: *Shawn Baus*  
Date Commission Expires: 11-1-08

**SHAWN BAUS**  
Notary Public - State of Kansas  
My Appt. Expires 11-1-08

**KCC Office Use ONLY**  
\_\_\_\_ Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
\_\_\_\_ Wireline Log Received  
\_\_\_\_ Geologist Report Received  
\_\_\_\_ UIC Distribution

Operator Name: Heartland Oil & Gas Corporation Lease Name: Walnut aka Boldridge Well #: 33-4 aka C 1  
 Sec. 33 Twp. 6S S. R. 21  East  West County: Atchison

**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 Log</b> <b>Dual Compensated Porosity Log</b> <b>Gamma Ray/Neutron/CCL</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum          <div style="text-align: center; font-weight: bold; font-size: 1.2em;">                     RECEIVED                      JUN 30 2005                      KCC WICHITA                 </div>
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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 1/4"	8 5/8"	32	158'	Portland	175	
Production	7 7/8"	5 1/2"	17	1524'	OWC	150	1/4# Flo-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
4	1393-1394', 1389-1390'	200 gal. 15% HC1, 100 bbl. fresh water	
4	1344-1346'	200 gal. 15% HC1, 5 bbl. fresh water	
4	1330-1332'	200 gal. 15% HC1, 200 bbl. fresh water	
4	1270-1275'	550 gal. 15% HC1, 250 bbl. fresh water	
4	1198-1199', 1190-1191'	250 gal. 15%HC1, 100 bbl. fresh water	

TUBING RECORD	Size 45 jts. 2 7/8" 6.5#	Set At 1459'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 6-20-03	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 0	Water Bbls. 93	Gas-Oil Ratio	Gravity
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Disposition of Gas      METHOD OF COMPLETION      Production Interval

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

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CONSOLIDATED INDUSTRIAL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
316-431-9210 OR 800-467-8676

KCC WICHITA

TREATMENT REPORT

TICKET NUMBER 14570  
LOCATION Ottawa  
FOREMAN Alan Mader

*JWP*  
20104 Walnut 33-4

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
4-1-03	1674			33	6	21	At	
CHARGE TO <u>BTA Oil Producers</u>				OWNER				
MAILING ADDRESS <u>104 South Pecas</u>				OPERATOR <u>Bobby Johnson</u>				
CITY <u>Midland</u>				CONTRACTOR <u>Thornton Rig #9</u>				
STATE <u>TX</u>		ZIP CODE <u>79701</u>		DISTANCE TO LOCATION <u>90</u>				
TIME ARRIVED ON LOCATION <u>10:15 AM</u>				TIME LEFT LOCATION				

HOLE SIZE	12 1/4
TOTAL DEPTH	162
CASING SIZE	8 5/8
CASING DEPTH	158'
CASING WEIGHT	32 #/ft
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input checked="" type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB  
 386 A Mader  
 363 B Zabel 195 J Trujillo  
 Cement surface casing with Portland "A", 3% CaCl<sub>2</sub>, 2% gel, 1/4" flc seal mixed at 14.8 PPG, yield of 1.35.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS  
 Established pump rate down casing. Mixed 166l dye marker followed by 175.5x cement with 5x hulls. Dropped 8 5/8 wooden plug and displaced with 8.7 bbl clean water at 1 BPM. Shut down and waited 5 min then pumped 2 more bbl at 1/2 BPM. Circulated cement to surface. Mixed another 30.5x cement and filled cellar to collar. 205.5x Total, Displaced 8.7 BBL total. Closed valve.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	<i>Alan Mader</i>
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED Bobby Johnson TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

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211 W. 14TH STREET, CHANUTE, KS 66720  
316-431-9210 OR 800-467-8676

KCC WICHITA

TICKET NUMBER 16501

LOCATION Ottawa

FOREMAN Alan Mader

TREATMENT REPORT

20104 JV-P Walnut 33-4

DATE 7-3-03	CUSTOMER ACCT # 1674	WELL NAME	QTR/QTR	SECTION 33	TWP 6	RGE 21	COUNTY A+	FORMATION
CHARGE TO BTA Oil Producers				OWNER				
MAILING ADDRESS 104 South Pecas				OPERATOR Bobby Johnson				
CITY Midland				CONTRACTOR Thornton #9				
STATE TX		ZIP CODE 79701		DISTANCE TO LOCATION 90				
TIME ARRIVED ON LOCATION 10:30 AM				TIME LEFT LOCATION 2:00 PM				

WELL DATA	
HOLE SIZE	7 7/8
TOTAL DEPTH	1330
CASING SIZE	5 1/2
CASING DEPTH	1324
CASING WEIGHT	17 PPF
CASING CONDITION	Float @ 1490
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
SURFACE PIPE	THEORETICAL	INSTRUCTED
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB  
 386 A Mader 369 J Trujillo  
 368 B Zabel 206 M Kite

JOB SUMMARY  
 Cement bottom 894' of casing with  
 OWC (Portland, 6% gypsum, 2% CaCl, 2%  
 gel) 1/4 # flo-seal. Mixed at 14.7 PPG,  
 1.35 yield.

DESCRIPTION OF JOB EVENTS  
 load casing & establish circulation with clean water.  
 Mixed & pumped 150 gx OWC. Flushed pump clean.  
 Released 5 1/2 rubber plug & displaced to float at 1490'  
 Checked depth with wireline. Well held 900 PSI. Set  
 float.  
 Cement volume based on 894' of gage hole, plus 30%  
 excess

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT	
Alan Mader	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED  
 Bobby Johnson

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.