

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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: 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: \_\_\_\_\_  
 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>3-14-03</u>	<u>3-18-03</u>	
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 005-20109-00-00 **ORIGINAL**  
 County: Atchison  
 E2 SW SW SW Sec. 33 Twp. 6S S. R. 21  East  West  
331 feet from (S) N (circle one) Line of Section  
561 feet from E / (W) (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW (SW)  
 Lease Name: Walnut AKA Smith Well #: 33-3 AKA H 2  
 Field Name: Forrest City CBM  
 Producing Formation: Coal / Shale  
 Elevation: Ground: 1034' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1582 Plug Back Total Depth: 1546  
 Amount of Surface Pipe Set and Cemented at 168 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1546  
 feet depth to surface w/ 153 sx cmt.

Drilling Fluid Management Plan AH J. NCR 7-23-08  
 (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: Steve Littell  
 Title: District Supervisor Date: 4-18-05  
 Subscribed and sworn to before me this 18 day of April  
 20 05  
 Notary Public: Angie Parker  
 Date Commission Expires: 7-30-05



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

X

Operator Name: Heartland Oil & Gas Corporation Lease Name: Walnut AKA Smith Well #: 33-3 AKA H 2  
 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 type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Unknown</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 1/4"	8 5/8"	32	168	Portland	70	
Production	7 7/8"	5 1/2"	17	1588	OWC	153	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
		<b>RECEIVED</b> <b>APR 20 2005</b> <b>KCC WICHITA</b>	

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 checked="" 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  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

*(If vented, Submit ACO-18.)*

ORIGINAL

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

TICKET NUMBER 20961

LOCATION Ottawa

FOREMAN Alan Mader

TREATMENT REPORT

20104 JV-P Walnut 33-3

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
3-17-03	1674			33	6	21	At	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	7 7/8
TOTAL DEPTH	1603'
CASING SIZE	5 1/2
CASING DEPTH	1568'
CASING WEIGHT	17 lbs/ft
CASING CONDITION	float at 1576'
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		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB

386 - A Mader  
368 - B Label 206 M Kite

Cement casing with OWL cement. (Portland A to gypsum, 3% CaCl<sub>2</sub> gel) with 1/4" flo seal Mixed @ 14.7 PPG, yield 1.44.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

Established circulation. Mixed & pumped 153 sx OWL cement. Flushed pump & lines clean. Pumped 5 1/2 rubber plug to float at 1576' with 36.7 bbl water. Pressured casing to 900 PSI. Held pressure. Checked depth with wireline. R&D equipment. Cement volume based on 970' gauge hole plus 30% excess.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	300 psi
FINAL DISPLACEMENT	400 psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	900 psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	

RECEIVED

APR 20 2005

KCC WICHITA

AUTHORIZATION TO PROCEED

Bobby Johnson

TITLE

DATE

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

ORIGINAL

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

TICKET NUMBER 20960  
LOCATION Ottawa  
FOREMAN Alan Mader

TREATMENT REPORT

20104 JV-P Walnut 33-3

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
3-14-05	1674			33	16	21	At	
CHARGE TO <u>BTA O.I. Producers</u>				OWNER				
MAILING ADDRESS <u>104 South Pecos</u>				OPERATOR <u>Bobby Johnson</u>				
CITY <u>M. dland</u>				CONTRACTOR <u>Thorton</u>				
STATE <u>Tx</u>		ZIP CODE <u>79701</u>		DISTANCE TO LOCATION <u>90 m.</u>				
TIME ARRIVED ON LOCATION <u>11:00 AM</u>				TIME LEFT LOCATION <u>12:00 PM</u>				

HOLE SIZE	<u>12 1/4</u>
TOTAL DEPTH	<u>163'</u>
CASING SIZE	<u>8 5/8</u>
CASING DEPTH	<u>32 # 168'</u>
CASING WEIGHT	<u>32 #</u>
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		

INSTRUCTION PRIOR TO JOB

386 A Mader      cement surface to top  
363 B 2abel 144 M kite      with Portland "A" 3% CaCl,  
2% gel, 1/4# flo-seal

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

Established circulation. Pumped 10 bbl water  
to flush hole. Mixed & pumped 4 bbl dye marker followed  
by 70% cement mixed at 14.8 PPG, yield of 1.35. Circulated  
dye to surface. Dropped 8 5/8 wooden plug displaced plug  
to 153' with 10 bbl water. Circulated 3 bbl cement  
return to pit.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	
FINAL DISPLACEMENT	<u>50</u> psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	<u>50</u> psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	<b>RECEIVED</b>
INITIAL BPM	
FINAL BPM	<b>APR 20 2005</b>
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	<b>KCC WICHITA</b>

AUTHORIZATION TO PROCEED

Bobby Johnson

TITLE

DATE