

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

ORIGINAL

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

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APR 20 2005

KCC WICHITA

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. \_\_\_\_\_

3-28-05	3-31-05	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 005-20108-00-00

County: Atchison

E2 SW NW Sec. 33 Twp. 6S S. R. 21  East  West  
2063 feet from S / N (circle one) Line of Section  
1060 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 Chapman Well #: 33-2 AKA M 1

Field Name: Forrest City CBM

Producing Formation: Coal / Shale

Elevation: Ground: 1003' Kelly Bushing: \_\_\_\_\_

Total Depth: 1580 Plug Back Total Depth: 1549

Amount of Surface Pipe Set and Cemented at 200 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1549  
feet depth to surface w/ 143 sx cmt.

Drilling Fluid Management Plan AH 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.

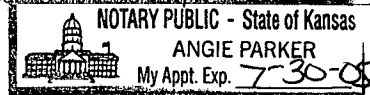
Signature: Steve Littell

Title: District Supervisor Date: 4-18-05

Subscribed and sworn to before me this 18 day of April, 2005.

Notary Public: Angie Parker

Date Commission Expires: 7-30-05



**KCC Office Use ONLY**

NO 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 Chapman Well #: 33-2 AKA M 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run <i>(Submit Copy)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
<b>Unknown</b>				

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"	32	197'	Portland	230	
Production	7 7/8"	5 1/2"	15.5	1577	OWC	143	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 <i>(Amount and Kind of Material Used)</i>		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 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

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**APR 20 2005**  
**KCC WICHITA**

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: \_\_\_\_\_

ORIGINAL

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

TICKET NUMBER  
LOCATION Ottawa  
FOREMAN Alan Mader

TREATMENT REPORT

20104 JV-P Walnut 33-2

DATE <u>3-28-05</u>	CUSTOMER ACCT # <u>1674</u>	WELL NAME	QTR/QTR	SECTION <u>33</u>	TWP <u>6</u>	RGE <u>21</u>	COUNTY <u>At</u>	FORMATION
CHARGE TO <u>BTA Oil Producers</u>				OWNER				
MAILING ADDRESS <u>104 South Pecos</u>				OPERATOR <u>Bobby</u>				
CITY <u>Midland</u>				CONTRACTOR <u>Thornton Drilling</u>				
STATE <u>TX</u>		ZIP CODE <u>79701</u>		DISTANCE TO LOCATION <u>90m</u>				
TIME ARRIVED ON LOCATION <u>11:30 PM</u>				TIME LEFT LOCATION <u>5:30 P.M</u>				

WELL DATA	
HOLE SIZE <u>12 1/2</u>	
TOTAL DEPTH <u>200</u>	
CASING SIZE <u>8 5/8</u>	
CASING DEPTH <u>197'</u>	
CASING WEIGHT <u>32 #/ft</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		

INSTRUCTIONS PRIOR TO JOB

386. A Mader 195. M/kite  
368. 1/2 Heid

cement surface casing w. 4  
Portland "A", 3% CaCl, 2% gel,  
1/4 # flo-seal at 17.8 PPG and 1.35 v.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Attempt to circulate. Casing was plugged, pulled casing  
and washed back to bottom without circulation. Pumped slow  
while rig gelled up. We ran 2sx gel. No circulation. Pumped  
1 bbl dye followed by 230sx cement with 6sx of rgs  
mills. Dropped 8 5/8 wooden plug. Displaced with 11 bbl clean  
water. Circulated cement to surface.

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	
<b>RECEIVED</b>	
<b>APR 20 2005</b>	
<b>KCC WICHITA</b>	
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.

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

TICKET NUMBER \_\_\_\_\_  
 LOCATION Ottawa  
 FOREMAN Alan Mader

## TREATMENT REPORT

20104 JV-P Walnut 33-2

DATE <u>3-30-03</u>	CUSTOMER ACCT # <u>1674</u>	WELL NAME	QTR/QTR	SECTION <u>33</u>	TWP <u>6</u>	RGE <u>21</u>	COUNTY <u>AK</u>	FORMATION
CHARGE TO <u>BTA Oil Producers</u>				OWNER				
MAILING ADDRESS <u>104 South Pecos</u>				OPERATOR <u>Bobby Johnson</u>				
CITY <u>Midland</u>				CONTRACTOR <u>Thornton</u>				
STATE <u>TX</u>		ZIP CODE <u>79701</u>		DISTANCE TO LOCATION <u>90</u>				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	<u>7 7/8</u>
TOTAL DEPTH	<u>1580'</u>
CASING SIZE	<u>5 1/2</u>
CASING DEPTH	<u>1577'</u>
CASING WEIGHT	<u>15.50 #/ft</u>
CASING CONDITION	<u>float at 1549'</u>
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		

**INSTRUCTIONS PRIOR TO JOB**

386 A Mader 369. M Kite  
365 H Reid 206. G Taylor

cement bottom of casing up to 650' with DWL (Portland B, 67% gypsum, 2% CaCl<sub>2</sub>, 2% gel) 1/4" flo seal mixed at 14.7 PPG, 1.44 yield.

**DESCRIPTION OF JOB EVENTS** hodd casing and establish circulation with clean water. Mixed & pumped 1433x cement. Flush pump clean. Dropped 5 1/2 rubber plug and displaced to float at 1549' with 36.5 bbl clean water. Checked depth with wireline. Well held 900 PSI. Set float.

Cement volume based on 30% excess of gauge hole. Alan Mader

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	
INITIAL BPM	
FINAL BPM	<b>RECEIVED</b>
MINIMUM BPM	
MAXIMUM BPM	<b>APR 20 2005</b>
AVERAGE BPM	
<b>KCC WICHITA</b>	
HYD HHP = RATE X PRESSURE X 1.48	

AUTHORIZATION TO PROCEED: Bobby Johnson TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

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