

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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Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion:

New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Catholic, 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>3-24-03</u>	<u>3-26-03</u>	
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 005-20105-00-00

County: Atchison

SE SW NE Sec. 32 Twp. 6S S. R. 21  East  West

1995 feet from S / (N) (circle one) Line of Section

1657 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 Nies Well #: 32-1 AKA W 1

Field Name: Forrest City CBM

Producing Formation: Coal / Shale

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: 1575' Plug Back Total Depth: 1541'

Amount of Surface Pipe Set and Cemented at 136 Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from 1541

feet depth to surface w/ 153 sx cmt.

Drilling Fluid Management Plan AH 1 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

NO Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution



X

**ORIGINAL**

Operator Name: Heartland Oil & Gas Corporation Lease Name: Walnut AKA Nies Well #: 32-1 AKA W 1  
 Sec. 32 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 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	136'	Portland	82	
Production	7 7/8"	5 1/2"	17	1570'	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 <i>(Amount and Kind of Material Used)</i>	Depth

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ORIGINAL

CONSOLIDATED OIL WELL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

TICKET NUMBER 22559  
LOCATION O'Hare  
FOREMAN Alan Mader

TREATMENT REPORT

20104 JV-P Walnut 32-1

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
3-24-03	1674			32	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	12 1/4
TOTAL DEPTH	150'
CASING SIZE	8 5/8
CASING DEPTH	136'
CASING WEIGHT	32#
CASING CONDITION	
TUBING SIZE	Landing nipple 12 1/4
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  
368 B2abel 206 MKite

Job SUMMARY  
cement surface casing with Portland "A" 3% CaCl<sub>2</sub> 2% gel 1/4" # flo-seal, mixed at 14.8 PPG, 1.35 yield.

DESCRIPTION OF JOB EVENTS  
Established circulation. Mixed & pumped 2 bbl dye marker followed by 82 gc of cement. Circulated dye to surface. Dropped 8 5/8 wooden plug. Displaced plug to 120' with 8 bbl clean water. Circulated 3 1/2 bbl cement return to pit. Closed valve.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	200 psi
FINAL DISPLACEMENT	100 psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	100 psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	RECEIVED
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	APR 20 2005
MAXIMUM BPM	
AVERAGE BPM	41 bpm WICLITA

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

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

ORIGINAL

TICKET NUMBER 22560

LOCATION Ottawa

FOREMAN Alan Mader

CONSOLIDATED OIL WELL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

TREATMENT REPORT

20104 JV-P Walnut 32.1

DATE <u>3:26'03</u>	CUSTOMER ACCT # <u>1074</u>	WELL NAME	QTR/QTR	SECTION <u>32</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 S Felos</u>				OPERATOR				
CITY <u>Midland</u>				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME ARRIVED ON LOCATION <u>6:30 AM</u>				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION <u>8:30 AM</u>				

HOLE SIZE <u>7 7/8</u>	TOTAL DEPTH <u>1575'</u>
CASING SIZE <u>5 1/2</u>	CASING DEPTH <u>1570</u>
CASING WEIGHT <u>17 #/ft</u>	CASING CONDITION <u>float at 1541'</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		

INSTRUCTION PRIOR TO JOB  
356 - A Mader  
368 - B Label 195 - M Kite

JOB SUMMARY  
cement bottom 970' of casing with OWC (Portland A" 6% gypsum, 2% C. A. G. 2% gel) with 1/4" flo seal. Volume based on cement at 14.7 PPG + 1.44 yield. caliper hole plus 30%.

DESCRIPTION OF JOB EVENTS  
Established circulation. Mixed & pumped 153 sx OWC at 14.7 PPG, yield of 1.44. Flushed pump and lines clean. Released 5 1/2 rubber plugs and pumped it to float at 1541' with 35.8 bbls of clean water. Well held 1000 PSI. Set float on third try. Checked depth with wireline. R & D equipment.

Alan Mader

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	<u>100</u>	psi
FINAL DISPLACEMENT	<u>500</u>	psi
ANNULUS		psi
MAXIMUM		psi
MINIMUM		psi
AVERAGE		psi
ISIP	<u>1000</u>	psi
5 MIN SIP		psi
15 MIN SIP		psi

TREATMENT RATE

BREAKDOWN BPM	<b>RECEIVED</b>
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	<b>APR 20 2005</b>
MAXIMUM BPM	
AVERAGE BPM	<u>4 BPM</u>

**KCC WICHITA**

AUTHORIZATION TO PROCEED: Bohannon Johnson TITLE DATE