

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
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. _____

3-19-03	3-22-03	
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

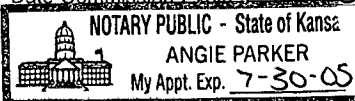
API No. 15 - 005-20106-00-00
County: Atchison
SE NE SW SE Sec. 32 Twp. 6S S. R. 21 East West
785 feet from S / N (circle one) Line of Section
1395 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Walnut AKA Boldridge Well #: 32-2 AKA 1
Field Name: Forrest City CBM
Producing Formation: Coal / Shale
Elevation: Ground: _____ Kelly Bushing: _____
Total Depth: 1518 Plug Back Total Depth: 1484
Amount of Surface Pipe Set and Cemented at 188 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1484
feet depth to surface w/ 180 sx cmt.
Drilling Fluid Management Plan A171 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 _____



X

Operator Name: Heartland Oil & Gas Corporation Lease Name: Walnut AKA Boldridge Well #: 32-2 AKA 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: Unknown	<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	188'	Portland	105	
Production	7 7/8"	5 1/2"	17	1503'	OWC	180	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) _____

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

ORIGINAL
 TICKET NUMBER 20962
 LOCATION Ottawa
 FOREMAN Alan Mader

TREATMENT REPORT

20104 JV-P Walnut 32.2

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
3-19-05	1674			32	6	21	A+	
CHARGE TO <u>BTA O:1 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 miles</u>			
TIME ARRIVED ON LOCATION <u>10:30</u>				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	<u>12 1/4</u>
TOTAL DEPTH	<u>203'</u>
CASING SIZE	<u>8 5/8</u>
CASING DEPTH	<u>188'</u>
CASING WEIGHT	<u>32 lb</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		
SURFACE PIPE	THEORETICAL	INSTRUCTED
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB
386 A Mader
368 B Label 206 M Kite
cement surface casing with Portland A, 3% CaCl, 2% gal, 1/4" flo seal at 14.8 ppb, 1.35 yield

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Established circulation. Mixed & pumped 5 bbl dye marker, followed by 105 sx cement. Circulated dye to surface. Dropped 8 5/8 wooden plug, displaced plug to 172' with 11 bbl clean water. Circulated 5 bbl cement return to pit. Closed valve. R+D equipment.

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

TICKET NUMBER 20963
 LOCATION Ottawa
 FOREMAN Alan Mader

TREATMENT REPORT

20104 JV-P Walnut 32-2

DATE <u>3-21-03</u>	CUSTOMER ACCT # <u>1674</u>	WELL NAME	QTR/QTR	SECTION <u>32</u>	TWP <u>6</u>	RGE <u>31</u>	COUNTY <u>At</u>	FORMATION
CHARGE TO <u>BFA Oil Producers</u>				OWNER				
MAILING ADDRESS <u>104 South Pecos</u>				OPERATOR <u>Bobby Johnson</u>				
CITY <u>Midland</u>				CONTRACTOR <u>Thornton Drilling</u>				
STATE <u>Tx</u>		ZIP CODE <u>79701</u>		DISTANCE TO LOCATION <u>90</u>				
TIME ARRIVED ON LOCATION <u>11:30 AM</u>				TIME LEFT LOCATION				

WELL DATA

HOLE SIZE <u>7 7/8</u>
TOTAL DEPTH <u>1518</u>
CASING SIZE <u>3 1/2</u>
CASING DEPTH <u>1503</u>
CASING WEIGHT <u>17.67</u>
CASING CONDITION <u>float at 1472'</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

386 AMader
368 B Zabel 295 MKite 2% Latex, 2% gel with 14% floccul
yield of 1.44 @ 14.7 PPG
 cement bottom of casing with OWC (Portland A, 6% gypsum, Mix 30% excess

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Established circulation. Mixed & pumped 180 bx OWC at 14.7 PPG & yield of 1.44. Flushed pump & lines clean. Dropped 5 1/2 rubber plug. Displayed plug to float at 1472'. Checked depth with wireline. Pressure held at 1000 PSI. Set float. Cement volume based on 900 of fill of calipered hole plus 30% excess.

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	<u>250</u> psi
FINAL DISPLACEMENT	<u>300</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	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	

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AUTHORIZATION TO PROCEED

Bobby Johnson

TITLE

DATE