

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33233
 Name: Heartland Oil and Gas, Inc.
 Address: c/o BAM Energy, Inc. 6286 East Long Circle North
 City/State/Zip: Englewood, Colorado 80112
 Purchaser: none
 Operator Contact Person: Bill Hayworth
 Phone: (303) 221-4768
 Contractor: Name: Gulick Drilling, Inc.
 License: 32854
 Wellsite Geologist: Chris Ryan - Atoka Coal Labs
 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>4/10/04</u>	<u>4/11/04</u>	<u>8/06/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 131-20181 - 0000
 County: Nemaha
SWNE SE SW Sec. 12 Twp. 3 S. R. 14 East West
810 feet from (S) N (circle one) Line of Section
3150 feet from (E) W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE (SE) NW SW
 Lease Name: Renyer Well #: 14-12
 Field Name: wildcat
 Producing Formation: Cherokee
 Elevation: Ground: 1279' Kelly Bushing: 1287'
 Total Depth: 2720' Plug Back Total Depth: 2657'
 Amount of Surface Pipe Set and Cemented at 282.4 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____ sx cmt.
Drilling Fluid Management Plan PLA KJR 2-6-08
 (Data must be collected from the Reserve Pit)
 Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used evaporation
 Location of fluid disposal if hauled offsite: **RECEIVED**
KANSAS CORPORATION COMMISSION
SEP 29 2004
 Operator Name: _____
 Lease Name: _____ License No. _____
 Quarter _____ Sec. _____ Twp. _____ S. R. WICHITA 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: [Signature]
 Title: Consulting Engineer Date: 9/20/04
 Subscribed and sworn to before me this 20th day of September
04
 Notary Public: [Signature]
 Date Commission Expires: _____

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

My Commission Expires 03/16/2005

Operator Name: Heartland Oil and Gas, Inc. Lease Name: Renyer Well #: 14-12
 Sec. 12 Twp. 3 S. R. 14 East West County: Nemaha

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: Dual Induction Dual Compensated Porosity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Marmaton 1727' Cherokee 1896' Mississippian 2674' KANSAS CORPORATION COMMISSION Geological Report Enclosed <div style="text-align: right; font-weight: bold; font-size: 1.2em;"> SEP 29 2004 RECEIVED </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"	23#	282.4'	Class A	112	2% gel, 3% CaCl
Production	7 7/8"	5 1/2"	15.5#	2703.4'	Class A	195	6% gypsum, 2% gel, 2% CaCl

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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
4 spf	2318'-2320, 2330'-2332', 2374'-2376', 2388'-2389'	1200 gal 15% HCL	2318' -
	2405'-2407', 2473'-2475'	875 bbls fluid w/ 47,000 # sand	2475'

TUBING RECORD		Size <u>2 3/8"</u> Set At <u>2491'</u>	Packer At <u>none</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>8/06/04</u>		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. <u>0</u>	Gas Mcf <u>0</u>	Water Bbls.	Gas-Oil Ratio <u>unknown</u> Gravity <u>unknown</u>

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) _____

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

TICKET NUMBER 29070
 LOCATION Ottawa
 FOREMAN Bill Zabel

TREATMENT REPORT

DATE <u>4-9-04</u>	CUSTOMER# <u>3576</u>	WELL NAME <u>Rever</u> <u>14-12</u>	FORMATION
SECTION <u>12</u>	TOWNSHIP <u>3</u>	RANGE <u>14</u>	COUNTY <u>NM</u>
CUSTOMER <u>Heartland Oil + Gas</u>			
MAILING ADDRESS <u>6286 E Long Circle North</u>			
CITY <u>Englewood</u>			
STATE <u>Co</u>			
ZIP CODE <u>80112</u>			
TIME ARRIVED ON LOCATION			

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>368</u>	<u>Bradley</u>		
<u>369</u>	<u>Aaron, H.</u>		
<u>122</u>	<u>Rick A</u>		
<u>372</u>	<u>Bill Z</u>		
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SEP 29 2004			
KANSAS CORPORATION COMMISSION CONSERVATION DIVISION WICHITA, KS			

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WELL DATA	
HOLE SIZE <u>12 1/4</u>	PACKER DEPTH
TOTAL DEPTH <u>288'</u>	PERFORATIONS
	SHOTS/FT
CASING SIZE <u>8 5/8</u>	OPEN HOLE
CASING DEPTH <u>272'</u>	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
<u>Sub = 12'</u>	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	Total Displ. <u>264' - 288'</u>

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"/> MISP. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>
	3

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

Pump 15 BBL H2O. Followed By 9 BBL Dye marker Mix + Pumped
 INSTRUCTION PRIOR TO JOB 112 sa Portland A, 2% gel, 3% caly, 1/4 lb. flo seal,
Circulated Dye Released 8 5/8' Plug + Displaced with 16 1/2 BBL
of water. Circulated 4 BBL cement Retains

AUTHORIZATION TO PROCEED

TITLE

DATE

4-9-04
Bill Zabel

TIME AM/PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
							BREAKDOWN PRESSURE
							DISPLACEMENT
						<u>100 psi</u>	MIX PRESSURE
							MIN PRESSURE
						<u>200 psi</u>	ISIP
							15 MIN.
						<u>48ppm</u>	MAX RATE
							MIN RATE

[Signature]

189769

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

TICKET NUMBER **23132**
 LOCATION Ottawa
 FOREMAN Alan Made

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
4-12-04	3576	Benyer 14 B		12	3	17	NA	
CHARGE TO <u>Heartland Oil & Gas</u>				OWNER				
MAILING ADDRESS <u>6286 E. Longcircle North</u>				OPERATOR <u>Leo Robb</u>				
CITY <u>Englewood</u>				CONTRACTOR <u>Cullick</u>				
STATE <u>Co.</u> ZIP CODE <u>80112</u>				DISTANCE TO LOCATION <u>115</u>				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

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 KANSAS CORPORATION COMMISSION
 SEP 29 2004
 CONSERVATION DIVISION
 WICHITA, KS

WELL DATA	
HOLE SIZE	<u>7 7/8</u>
TOTAL DEPTH	<u>2726</u>
CASING SIZE	<u>5 1/2</u>
CASING DEPTH	<u>2703</u>
CASING WEIGHT	
CASING CONDITION	<u>float collar @ 2669</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

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PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB
386 A Mader 36A A Hardman
365 B Zabel 195 B Arb

cement bottom of casing with 1955x OWC 1/4" # floeal. (Portland, 1990 gypsum, 2% Cabl, 2% gel.) Mixed @ 14.7 1996 yield of 1.44.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Established circulation. Mixed & pumped 20 bbl flush with 2 gal foamer. Mixed & pumped 1955x OWC cement. Flushed pump clean. Released 5 1/2 rubber plug. Pumped plug to float collar @ 2669 with 63.8 bbl of 15CL water. Well held 1200 PSI. Set float. Plug down @ 7:10 AM

Used 3/4 gal bactericide in cement water. Alan Made

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	<u>200</u> psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	<u>1200</u> psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	<u>4.5 BPM</u>

AUTHORIZATION TO PROCEED
Ray 2 R

TITLE
 DATE 4/12/04