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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	API No. 15 - 005-20110-00-00
Name: Heartland Oil & Gas Corporation	County: Atchison
Address: 2515 East Logan	NW_NW_SE_SE_Sec. 33 Twp. 6S S. R. 21 V East West
City/State/Zip: Ottawa, KS 66067	1193 feet from S/ N (circle one) Line of Section
Purchaser: RECEIVED	1225 feet from E/ W (circle one) Line of Section
Operator Contact Person: Steve Littell	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 242.6875 APR 2 0 2005	(circle one) NE (SE) NW SW
Contractor: Name: Thornton Drilling Company WICHITA License: 4815	Lease Name: Walnut AKA Boldridge Well #: 33-4 AKA C 1 Field Name: Forrest City CBM
Wellsite Geologist:	Producing Formation: Coal / Shale
Designate Type of Completion:	Elevation: Ground: 943' Kelly Bushing:
✓ New Well Re-Entry Workover	Total Depth: 1530 Plug Back Total Depth: 1490
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 162 Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1490
Operator:	feet depth to_surface w/sx cmt.
Well Name:	`
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Output No. 7-23-05
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
4-01-03 4-04-03	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-3 and geologist well report shall be attached with this form. ALL CEMENTING S. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: Stury Fulled	KCC Office Use ONLY
Title: District Supervisor Date: 4-18-05	Letter of Confidentiality Received
Subscribed and sworn to before me this 18 day of 4pril	If Denied, Yes Date:
20.05	Wireline Log Received
Number to have	Geologist Report Received
Notary Public: HVQQ W	UIC Distribution
Date Commission Expires: 7-30-05	



X

Side Two

7 19 1

ORIGINAL

Operator Name: Hear Sec. 33 Twp. 6S			Lease Na		alnut AKA B	oldridge	Well #:	4 AKA C 1
NSTRUCTIONS: Sho ested, time tool open emperature, fluid reco	ow important tops a and closed, flowing overy, and flow rates	and base of formations p g and shut-in pressures, s if gas to surface test, a inal geological well site	enetrated. De whether shut- dong with fina	etail all in pres	cores. Report sure reached	static level, hydro	ostatic pressur	es, bottom hole
orill Stem Tests Taken		☐ Yes ✓ No		[] Lo	g Formati	on (Top), Depth a	and Datum	Sample
amples Sent to Geol	ogical Survey	Yes No		Name			Тор	Datum
ores Taken lectric Log Run (Submit Copy)		Yes No						
ist All E. Logs Run:								
Unknown								
WIA		CASING Report all strings set-c		✓ New		ion, 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		158'	Portland	175	
Production	7 7/8"	51/2"	17		1524'	owc	150	1/4# Flo-seal
	,	ADDITIONAL	CEMENTING	/ SQUE	EZE RECORD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Us	ed		Type and I	Percent Additives	3
Shots Per Foot		DN RECORD - Bridge Plug Footage of Each Interval Per				cture, Shot, Cemen	1	rd Depth
						RI	CEIVE	D
							R 2 0 200	
TUBING RECORD	Size	Set At	Packer At		Liner Run	Yes No	CWICH	
Date of First, Resumerd I	Production, SWD or E	nhr. Producing Meti	_	Flowing	√ Pumpir	ıg 🔲 Gas Li	ft 🗌 Oth	er (Explain)
Estimated Production Per 24 Hours	Oil I	Bbls. Gas	Mcf	Water	В	ols. (Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C	OMPLETION		**** ****;	Production Inter	/al		1007/1
Vented Sold	Used on Lease	Open Hole	✓ Perf.	☐ Du	ally Comp.	Commingled _		

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

TREATMENT REPORT

LOCATION Ottang
FOREMAN Alan Made

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20104	Walnut 3.	3-4					
DATE CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
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CHARGE TO B TA D:	Producer	5	OWNER				
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2011		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	CONTRACTO			Act pice of	7t- G
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TIME ARRIVED ON LOCATION DIK	AM	<u> SELZE AS MELDINES - AN EL SAN</u>	TIME LEFT L	22/27/12/12/23/23/23		<u> </u>	
WELL	ATA						
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The second of	A Commence of the bell		insti	JRFACE PIPE	-	() A	CID BDE AKBOUN
CASING SIZE 81/8	· · · · · · · · · · · · · · · · · · ·			RODUCTION			CID BREAKDOWN
CASING DEPTH 130 CASING WEIGHT 32#/4+							CID STIMULATION
CASING CONDITION			·	QUEEZE CEI		- •	CID SPOTTING
	(A) made (1986)			UG & ABAN	DON	[]F	
TUBING SIZE TUBING DEPTH		**********		UG BACK			RAC + NITROGEN
TUBING WEIGHT		VED.		SC PUMP		[] F	OAM FRAC
TUBING CONDITION	RECE	VED	{ }OT	HER		[] N	ITROGEN
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OPEN HOLE	tisal and Unitable		TUBING			······································	
TREATMENT VIA							
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368 B 2abel 1953	J Try5.16	<u> seal</u>	nixed	at	14.8P	Plo Vie	eld of 1,35
	€.	JOB SUMMA	.RY				
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2 more bul at	12 BPM.	Circula	ator	CEME	nt	to 541	Faco,
Mixed another 30.	5x cement	- and	Filled	d ce	Mar	to co	llar,
205 CV Todal	Diaster	1-0-7	221	1-1		01-0-	1 1 1
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ANNULUS MAXIMUM	psi psi		FINAL BPM	· · · · · · · · · · · · · · · · · · ·			
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ALL THE TERMS AND CONDITIONS STAT	IED ON THE REVERSE S	SIDE ARE INCOF	RPORATED AS	PART OF T	HIS SALE.		

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

TREATMENT REPORT

LOCATION O Hawa

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city Midland			CONTRACTO	DR T	horto	n #4	}
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