

**Notice:** Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL PLUGGING RECORD  
K.A.R. 82-3-117**

Form CP-4  
December 2003  
Type or Print on this Form  
Form must be Signed  
All blanks must be Filled

Lease Operator: Heartland Oil & Gas Corporation  
 Address: 1610 Industrial Park Drive Paola KS 66071  
 Phone: (913) 294-1400 Operator License #: 33233  
 Type of Well: Gas Docket #: \_\_\_\_\_  
 (Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other) (If SWD or ENHR)  
 The plugging proposal was approved on: 3-02-06 (Date)  
 by: Taylor Herman (KCC District Agent's Name)  
 Is ACO-1 filed?  Yes  No If not, is well log attached?  Yes  No  
 Producing Formation(s): List All (If needed attach another sheet)  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. 1530  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

API Number: 15-005-20110-00-00 *KCC PKT 2/17/06*  
 Lease Name: Walnut (C Boldridge #1) *Per CP-1 +*  
 Well Number: 33-4 1 *oper*  
 Spot Location (QQQQ): NW - NW - SE - SE  
1193 Feet from  North /  South Section Line  
1225 Feet from  East /  West Section Line  
 Sec. 33 Twp. 6 S. R. 21  East  West  
 County: Atchison  
 Date Well Completed: 4-29-03  
 Plugging Commenced: 3-07-06  
 Plugging Completed: 3-07-06

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface Conductor & Production)				
Formation	Content	From	To	Size	Put In	Pulled Out
	Surface	GL	158'	8 5/8	158'	None
	Production	GL	1524'	5 1/2	1524'	None

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Ran tubing and tagged at 1490'. Pumped 10 bbls of gelled water (2.5 sx). With tubing at 1440', pumped 11.5 bbls (3 sx) of gelled water. Pumped 35 sx of Class A with 1 sx of Cottonseed hulls. Displaced with 6.5 bbls of gel (1.5 sx). Pulled tubing to 286' and pumped 30 sx of Class A cement to surface. Had gel from 1440' to 1480', cement from 1136' to 1440', gel from 275' to 1136' and cement from surface to 286'.

Name of Plugging Contractor: Hurricane Well Service, Inc. License #: 32006  
 Address: PO Box 782228 Wichita KS 67278-2228  
 Name of Party Responsible for Plugging Fees: Hurricane Well Service, Inc.  
 State of Kansas County, Sedgwick, ss. \_\_\_\_\_  
Darrel G. Walters (Employee or Operator) or (Operator) on above-described well as first duly

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**JUL 05 2006**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

*KCC 7/10/06  
PKT PSM  
Operator*

sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

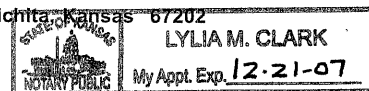
(Signature) *[Signature]*

(Address) PO Box 782228 Wichita KS 67278-2228

SUBSCRIBED and SWORN TO before me this 5<sup>th</sup> day of July, 2006

*[Signature]* My Commission Expires: 12-21-2007  
 Notary Public

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



*PKT*

FED ID# 48-1214033  
 MC ID # 156212  
 Shop # 620 437-2661  
 Cellular # 620 437-7582  
 Office # 316 685-5908  
 Office Fax # 316-685-5926  
 Shop Address: 3613A Y Road  
 Madison, KS 66860

Hurricane Truck Services, Inc.  
 P.O. Box 782228  
 Wichita, KS 67278-2228

Cement and Acid  
 Service Ticket  
 T 1288

DATE 3-7-06

CHARGE TO HEARTLAND OIL & GAS COUNTY Atchison CITY \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ST \_\_\_\_\_ ZIP \_\_\_\_\_  
 LEASE & WELL NO. WALNUT 33-4 CONTRACTOR HURRICANE REG # 2  
 KIND OF JOB Plug TO ABANDON SEC. 33 TWP. 6 RNG. 21 EAST  
 DIR. TO LOC. \_\_\_\_\_ 7:00A  OLD  NEW

Quantity	MATERIAL USED	Serv. Charge
655x	CLASS A	550.00
75x	Gell	
15x	COTTON SEED HULLS	
		RECEIVED KANSAS CORPORATION COMMISSION JUL 05 2006 CONSERVATION DIVISION WICHITA, KS
	BULK CHARGE	
	BULK TRK. MILES <u>3.4 TON</u>	
	PUMP TRK. MILES	
	PLUGS	
		SALES TAX
		TOTAL

T.D. 1530 P 1490  
 SIZE HOLE 7 7/8  
 MAX. PRESS. 800  
 PLUG DEPTH 1136-1440 / 0-286  
 PLUG USED CLASS A

CSG. SET AT 1524 VOLUME \_\_\_\_\_  
 TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_  
 SIZE PIPE 2 7/8 / 5 1/2  
 PKER DEPTH \_\_\_\_\_  
 TIME FINISHED 2:00P

REMARKS:

SEE ATTACHMENT

EQUIPMENT USED

NAME SAM ARGO UNIT NO. 84  
Neal [Signature]  
 CEMENTER OR TREATER

NAME JERRY STRAKER UNIT NO. 91  
 OWNER'S REP.

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 Shop Address: 3613A Y Road  
 Madison, KS 66860

Hurricane Truck Services, Inc.  
 P.O. Box 782228  
 Wichita, KS 67278-2228

Acid/Cementing Log

Date 3-7-06 District MADISON Ticket No. 1288  
 Company HEARTLAND OIL & GAS Rig 1  
 Lease WALNUT Well No. 23-4  
 County ATCHISON State KS  
 Location \_\_\_\_\_ Field \_\_\_\_\_

CASING DATA:  WPTA  Squeeze  Acid  Mini Frac  
 Surface  Intermediate  Production  Liner  
 Size 5 1/2 Type LR Weight 15.5 Collar LONG  
 Casing Depth: Top 8 5/8 154 Bottom 5 1/2 1524

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 7 7/8 T.D. 1530 ft. P.B. to 1490 ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0238 Lin. ft./Dbl. 42.01  
 Open Hole: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Dbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Dbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. .0152 Lin. ft./Dbl. 65.71  
 Tubing: Bbls/Lin. ft. .0054 Lin. ft./Dbl. 172.76  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_  
 Packer Setting: \_\_\_\_\_ B-Plug Depth \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: Gelled H<sub>2</sub>O  
 Amt. 7 Skys Yield \_\_\_\_\_ ft/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type CLASS A  
1 sk C.S.H. Excess \_\_\_\_\_  
 Amt. 6.5 Skys Yield 1.17 ft/sk Density 15.2 PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

WATER: Lead 5.2 gals/sk Tail \_\_\_\_\_ gals/sk Total 8.0 Bbls

Acid Type \_\_\_\_\_ RECEIVED  
 Pump Truck Used 84 KANSAS CORPORATION COMMISSION  
 Bulk Equipment 91 JUL 05 2006  
 Float Equip: Manufacturer: \_\_\_\_\_ CONSERVATION DIVISION  
 Shoe: Type \_\_\_\_\_ WICHITA, KS  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Tap \_\_\_\_\_ Dum. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG  
 Fluid Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_ CEMENTER/TREATER NEAL RUPP

TIME AM / PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Dbls Min.	
						STRIP OUT WELL - LAYOUT TUBING
					3.0	RUN TUBING TAG @ 1490' LOAN HOLE
800				15.0	3.0	HOLE LOADS - START Gelled H <sub>2</sub> O (240 sk)
0				10.0		GELL IN - PULL TUBING
800					3.0	Tub @ 1440' - START Gelled H <sub>2</sub> O (35 sk)
800			22.5	11.5	3.0	Gell IN - START CEMENT (35 sk 11 sk 134)
500			29.75	7.25	3.0	CEMENT IN - START Gelled Disp. (110 sk)
0			36.25	6.5		CEMENT IN - PLACE - PULL TUBING
						Gell - 1440 - 1490
						CEMENT - 1136 - 1440
						Gell 275 - 1136
					3.0	Tubing @ 286' - LOAN HOLE
100				5.00		HOLE LOADS START CEMENT (30 sk)
0				6.25		CIRCULATE CEMENT TO SURFACE
						PULL TUBING
						USED: 65 sk CLASS A
						7 sk GELL
						1 sk COTTON SEED HULLS

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs.  
 ISIP \_\_\_\_\_ PSI 5 MIN \_\_\_\_\_ PSI 10 MIN \_\_\_\_\_ PSI 15 MIN \_\_\_\_\_ PSI