

**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 cm KCC 7/7/06 Per C-1 Docket #: \_\_\_\_\_  
 (Oil, Gas D&A, SWD, ENHR, Water Supply Well, Cathodic, Other) (If SWD or ENHR)  
 The plugging proposal was approved on: 3-10-06 (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. 2060  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_  
 \_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

API Number: 15-005-20101-00-00  
 Lease Name: 20104 JV-P Hawk KCC 7/7/06 Per C-1  
 Well Number: 1  
 Spot Location (QQQQ): \_\_\_\_\_ - NW - SE - NW  
1650 Feet from  North /  South Section Line  
1650 Feet from  East /  West Section Line  
 Sec. 5 Twp. 6 S. R. 18  East  West  
 County: Atchison  
 Date Well Completed: 8-12-02  
 Plugging Commenced: 3-15-06  
 Plugging Completed: 3-15-06

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	626'	8 5/8	626'	None
	Production	GL	2060'	5 1/2	2060'	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 2016'. Pumped 38 bbls of gelled water (9 sx). Pumped 15 sx of Class A cement and displaced with 11 bbls of gelled water (3 sx). Pulled tubing to 284' and pumped 30 sx of Class A cement to surface. Had cement from 1885' to 2060', gel from 284' to 1885' and cement from surface to 284'.

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 of Operator) or (Operator) on above-described well, being first duly 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.

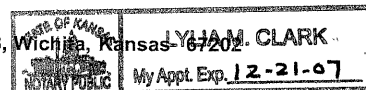
(Signature) [Signature]

(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



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

KCC Per Oper.  
7-7-06

[Handwritten mark]

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 1361

DATE 3-15-06

COUNTY Atchison CITY \_\_\_\_\_

CHARGE TO HEARTLAND OIL & GAS CO. LP

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ST \_\_\_\_\_ ZIP \_\_\_\_\_

LEASE & WELL NO. JV-P HAWK #1 CONTRACTOR HURRICANE WELL SERVICES #1

KIND OF JOB PLUG TO ABANDON SEC. 5 TWP. 6 RNG. 18 EAST

DIR. TO LOC. \_\_\_\_\_ 1:00<sup>P</sup> OLD NEW

Quantity	MATERIAL USED	Serv. Charge
453x	CLASS A	550.00
123x	GEL	
		RECEIVED KANSAS CORPORATION COMMISSION JUL 05 2006 CONSERVATION DIVISION WICHITA, KS
573x	BULK CHARGE	PIC
	BULK TRK. MILES <u>2.7 TDN</u>	
	PUMP TRK. MILES	
	PLUGS	
		SALES TAX
		TOTAL

T.D. 2060 PBTD 2016

CSG. SET AT 2060 VOLUME \_\_\_\_\_

SIZE HOLE \_\_\_\_\_

TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_

MAX. PRESS. SDO

SIZE PIPE 2 7/8 TUB / 5 1/2 CSG.

PLUG DEPTH 1825-2016 - 0-284'

PKER DEPTH \_\_\_\_\_

PLUG USED CLASS A

TIME FINISHED 3:30<sup>P</sup>

REMARKS: \_\_\_\_\_

SEE ATTACHMENT

EQUIPMENT USED

NAME SAM AGO UNIT NO. 89

NAME JELLY STRAKER UNIT NO. 91

[Signature]  
 CEMENTER OR TREATER

[Signature]  
 OWNER'S REP.

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

Acid/Cementing Log

Date 3-15-06 District MADISON Ticket No. 1361  
 Company HEARTLAND OIL & GAS Rig 2  
 Lease J.V.P. HAWK Well No. 1  
 County ATCHAFALAYA State \_\_\_\_\_  
 Location \_\_\_\_\_ Field \_\_\_\_\_

CASING DATA:  PTA  Squeeze  Acid  Mini Frac  
 Surface  Intermediate  Production  Liner  
 Size 5 1/2 Type LTC Weight 15.5 Collar CONS  
 Casing Depth: Top 8578 626 Bottom 512 2060

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 7 1/4 T.D. 2060 ft. P.B. to 2016 ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0238 Lin. ft./Bbl. 42.01  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. .0152 Lin. ft./Bbl. 65.71  
 Tubing: Bbls/Lin. ft. .0058 Lin. ft./Bbl. 172.76  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. 0  
 Packer Setting: \_\_\_\_\_ B-Plug Depth \_\_\_\_\_

CEMENT DATA:

Spacer Type: Gelled H<sub>2</sub>O  
 Amt. 12 Skt Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type CLASS A  
 Excess \_\_\_\_\_

Amt. 45 Skt Yield 1.17 ft<sup>3</sup>/sk Density 15.2 PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Skt Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

WATFR: Lead 5.2 gal/sk Tail \_\_\_\_\_ gal/sk Total 5.5 Bbls \_\_\_\_\_

Acid Type \_\_\_\_\_

Pump Truck Used 74

Bulk Equipment 91

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plugs: Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_

Fluid Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE Taylor Herman (KCC)

CEMENTER/TREATER Neal Kopp

TIME AM / PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
	200			1	3.0	RABTUB TAG @ 2016' - LOAD HOLE HOLE LOGS START Gelled H <sub>2</sub> O - (9SK) Gelled H <sub>2</sub> O IN - START CEMENT (15SK) CEMENT IN - START Gelled Disp. (3SK) CEMENT IN - PACE PULL TUBING CEMENT 1985-2016 GELL 284-1985
	500			38.0	3.0	
	400		41.0	3.0	3.0	
	0		52.0	11.0		
	100				3.0	
	100			2.0	3.0	Tubing @ 284' - LOAD HOLE HOLE LOADED - START CEMENT (30SK) CTR. CEMENT TO SOFT. - PULL TUB. CEMENT 0-284'
	0			6.25		
						USED: 45SK CLASS A 12SK GEL

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 WICHITA, KS

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