

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: 2-17-06 (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. 1500
 _____ Depth to Top: _____ Bottom: _____ T.D. _____
 _____ Depth to Top: _____ Bottom: _____ T.D. _____

API Number: 15-005-20112-00-00
 Lease Name: Walnut
 Well Number: 4-2
 Spot Location (QQQQ): _____ - NE - SW - NW
1556 Feet from North / South Section Line
1013 Feet from East / West Section Line
 Sec. 4 Twp. 7 S. R. 21 East West
 County: Atchison
 Date Well Completed: 7-19-03
 Plugging Commenced: 2-27-06
 Plugging Completed: 2-27-06

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	223'	8 5/8	223'	None
	Production	GL	1492'	5 1/2	1492'	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 1450'. Pumped 10.5 bbls of gel (3 sx) down tubing to 1355' and pumped 11 bbls (3 sx) of gelled water.
Pumped 30 sx of Class A cement with 1 sx of Cottonseed hulls and displaced with 6.0 bbls of gelled water (1 sx) to 284' Had gel from 1355' to 1450', cement from 1093' to 1355' and gelled water from 275' to 1093'. With tubing at 286', circulated cement to surface with 35 sx of Class A cement.

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

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 5th 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



[Handwritten initials]

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 1282

DATE 2-27-06

COUNTY Atchison CITY _____

CHARGE TO HEARTLAND OIL & GAS CORP.

ADDRESS _____ CITY _____ ST _____ ZIP _____

LEASE & WELL NO. WAINUT 4-2 CONTRACTOR HURRICANE TRK 2

KIND OF JOB Plug to Abandon SEC. 4 TWP. 7 RNG. 21 EAST

DIR. TO LOC. _____ 1:00 P OLD NEW

Quantity	MATERIAL USED	Serv. Charge
<u>655x</u>	<u>CLASS A</u>	<u>550.00</u>
<u>75x</u>	<u>GEL</u>	
<u>15x</u>	<u>COTTON SEED hulls</u>	
<u>725x</u>	<u>BULK CHARGE</u>	
	<u>BULK TRK. MILES 3.4 TON</u>	
	<u>PUMP TRK. MILES</u>	
	<u>PLUGS</u>	
		<u>SALES TAX</u>
		<u>TOTAL</u>

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CONSERVATION DIVISION
WICHITA, KS

NIC

T.D. 1500 PBTD 1458

SIZE HOLE 7 7/8

MAX. PRESS. 800

PLUG DEPTH 1093-1355/0-286

PLUG USED CLASS A

REMARKS:

SEE ATTACHMENT

CSG. SET AT 1492 VOLUME _____

TBG SET AT _____ VOLUME _____

SIZE PIPE 2 7/8 Tubing - 5 1/2 CSG

PKER DEPTH _____

TIME FINISHED 5:30 P

EQUIPMENT USED

NAME SAM ARGO UNIT NO. 84
Neal Corp #19
CEMENTER OR TREATER

NAME Jerry STRYKER UNIT NO. 91
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 2-27-06 District MADISON Ticket No. 1282
 Company HEARTLAND OIL & GAS Rig 1
 Lease WALNUT Well No. 4-2
 County ATCHISON State KS
 Location _____ Field _____

CASING DATA: WPTA Squeeze Acid Mini Frac
 Surface Intermediate Production Linar
 Size 5 1/2 Type LTC Weight 15.5 Collar LONG

Casing Depths: Top 25 1/8 222 Bottom 5 1/2 1452

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 1500 ft. P.D. to 1458 ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 1.6238 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. 1.0102 Lin. ft./Bbl. 56.28
 Tubing: Bbls/Lin. ft. .0058 Lin. ft./Bbl. 172.76
 Perforations: From 1160 ft. to 1309 ft. Amt. 4 SETS
 Packer Setting: _____ B-Plug Depth _____

CEMENT DATA:

Spacer Type: GELL
 Amt. 7 Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type CLASS A
1 SK COTTON SEED HULLS Excess _____

Amt. 65 Skys Yield 1.17 ft³/sk Density 15.2 PPG
 TAIL: Pump Time _____ hrs. Type _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Load 5.2 gals/sk Tail _____ gals/sk Total 9.0 Bbls

Acid Type _____ RECEIVED _____
 Pump Truck Used 94 KANSAS CORPORATION COMMISSION
 Bulk Equipment 91
JUL 05 2006

Float Equip: Manufacturer _____
 Shot: Type _____ CONSERVATION DIVISION
 Float: Type _____ WICHITA, KS
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Fluid Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CCMENTER/TREATER Thad Kemp

TIME AM / PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
	500			17.0	3.0	RUN TUBING TAG @ 1450' - LOAD HOLE
	0			10.5	3.0	HOLE LOADS - START GELL (3.0)
	600				3.0	GELL IN - PULL TUBING TO 1355'
	700		21.5	11.0	3.0	START GEL (3.0)
	500		27.75	6.25	3.0	GELLED H ₂ O IN - START CLASS A + 1SK CSH (30.5x)
	0		33.75	6.0	3.0	CEMENT IN - START GELLED H ₂ O DEEP. (1.2x)
						CEMENT TO PLACE - PULL TUBING
						GELLED H ₂ O - 1355-1450'
						CEMENT - 1093-1355'
						GELLED H ₂ O - 275-1093'
	100			5.0	3.0	TUBING @ 286' - LOAD HOLE
	0	12.25		7.25	3.0	HOLE LOADS START CEMENT (35.0x)
						CIRCULATE CEMENT TO SURFACE - PULL TUBING
						CEMENT 0-286'
						USED: 65% CEMENT
						7.5% GEL
						1.5% C.S.H

FINAL DISP. PRESS: _____ PSI DUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs.
 ISIP _____ PSI 5 MIN _____ PSI 10 MIN _____ PSI 15 MIN _____ PSI