

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. 1659
 _____ Depth to Top: _____ Bottom: _____ T.D. _____
 _____ Depth to Top: _____ Bottom: _____ T.D. _____

API Number: 15-005-20113-00-00
 Lease Name: Walnut
 Well Number: 4-3
 Spot Location (QQQQ): _____ - NW - NE - SW - SW
875 Feet from North / South Section Line
606 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: 2-28-06
 Plugging Completed: 2-28-06

KCC 7/7/06 PRT per CP-1

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	217'	8 5/8	217'	None
	Production	GL	1651'	5 1/2	1651'	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 1600'. Pumped 10.75 bbls of gel (3 sx) down tubing to 1537' and pumped 14 bbls (4 sx) of gelled water.
Pumped 35 sx of Class A cement with 1 sx of Cottonseed hulls and displaced with 7.25 bbls of gelled water (2 sx). Had gel from 1537' to 1600' and cement from 1233' to 1537' and gelled water from 275' to 1233'. 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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JUL 05 2006
CONSERVATION DIVISION
WICHITA, KS

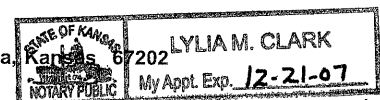
KCC 7/7/06 PRT per operator

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



PRT

FED ID# 48-1214033
 MC ID # 158212
 Shop # 620 437-2881
 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 2-28-06

COUNTY Atchison CITY _____

CHARGE TO HEARTLAND OIL & GAS

ADDRESS _____ CITY _____ ST _____ ZIP _____

LEASE & WELL NO. WALNUT 4-3 CONTRACTOR HURRICANE BIZ #2

KIND OF JOB Plug TO ABANDON SEC. 4 TWP. 7 RNG. Z1 EAST

DIR. TO LOC. _____ 7:00 A OLD NEW

Quantity	MATERIAL USED	Serv. Charge	
705x	CLASS A	550.00	
95x	GOL		
15x	COTTON SEED HULLS		
795x	BULK CHARGE		
	BULK TRK. MILES 3.7 TON		
	PUMP TRK. MILES		
	PLUGS		
		SALES TAX	
		TOTAL	

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 WICHITA, KS

NK

T.D. 1659 ABTD 1622
 SIZE HOLE 7 7/8
 MAX. PRESS. 900
 PLUG DEPTH 1233-1537/0-286'
 PLUG USED CLASS A

CSG. SET AT 1651 VOLUME _____
 TBG SET AT _____ VOLUME _____
 SIZE PIPE 2 7/8 TUB 5 1/2 REG
 PKER DEPTH _____
 TIME FINISHED 1:30 P

REMARKS: _____

SEE ATTACHMENT

EQUIPMENT USED

NAME <u>SAM ARGO</u>	UNIT NO. <u>84</u>	NAME <u>JENNY STRAKER</u>	UNIT NO. <u>91</u>
<u>Neal</u>			
CEMENTER OR TREATER		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 2-28-06 District MADISON Ticket No. 1283
 Company HEARTLAND OIL & GAS Rig 1
 Lease WALWORTH Well No. 4-3
 County ARCHERSON State KS
 Location _____ Field _____

CASING DATA: PTA Squeeze Acid Mini Frac
 Surface Intermediate Production Liner
 Size 5 1/2 Type LTC Weight 15.5 Collar 10N9

Casing Depths: Top 95/8 217' Bottom 5 1/2 1651'

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. 1659 ft. P.B. to 1622 ft.

CAPACITY FACTORS:

Casing: Bble/Lin. ft. .0238 Lin. ft./Bbl. 42.01
 Open Hole: Bble/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bble/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bble/Lin. ft. .10152 Lin. ft./Bbl. 65.71
 Tubing: Bble/Lin. ft. .10059 Lin. ft./Bbl. 172.76
 Perforations: From 1296 ft. to 1492 ft. Amt. 8.5275
 Packer Setting: _____ B-Plug Depth _____

CEMENT DATA:

Spacer Type: GEL/20 H₂O
 Amt. 9 Skts Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type CLASS A
15x OSH Excess _____

Amt. 70 Skts Yield 1.17 ft³/sk Density 1512 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skts Yield _____ ft³/sk Density _____ PPG

WATER: Lead 5.2 gals/sk Tail _____ gals/sk Total 8.5 Bbls

Acid Type _____

Pump Truck Used 84 RECEIVED
 Bulk Equipment 91 KANSAS CORPORATION COMMISSION

JUL 05 2006

Floater Equip: Manufacturer _____

Shoe: Type _____ CONSERVATION DIVISION

Floater: Type _____ WICHITA, KS Dept

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 Rupp

TIME AM / PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Pull Rods - Run Tubing @ 1600'
					3.0	LOAD HOLE
	800			60-0	3.0	HOLE WOULD NOT LOAD START BELLED H ₂ O @ 1600'
	800		60.75	10.75	3.0	Belled H ₂ O IN - START PULL TUBING
						TUBING @ 1537 - START GEL (WIK)
	800			14.0	3.0	GEL IN (NO RETURNS) START CEMENT 353x-1537
	600		26.25	7.25	3.0	START BELLED DEEP (20K) - HAVE RETURNS
	0		29.25	7.0		CEMENT IN PLACE SHUT DOWN - PULL TUBE
						GEL - 1537-1600
						CEMENT - 1233-1537
						GEL - 275-1233
	100			5.0	3.0	TUBING @ 296' - LOAD HOLE
						START CEMENT (55X)
						CIRCULATE CEMENT TO SURF. - PULL TUBE
						CEMENT - 0-296'
						USED: 70 SK CEMENT
						9 SK GEL
						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