

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 API Number: 15 - 005-20116-00-00

Address: 1610 Industrial Park Drive Paola KS 66071 Lease Name: Walnut

Phone: (913) 294 - 1400 Operator License #: 33233 Well Number: 5 - 1 SWD

Type of Well: Gas SWD Docket #: D-28133 Spot Location (QQQQ): 38' S of E/2 - W/2 - SW - SE  
(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. 2426

\_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

\_\_\_\_\_ Depth to Top: \_\_\_\_\_ Bottom: \_\_\_\_\_ T.D. \_\_\_\_\_

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	<del>255'</del> <u>225'</u>	9 5/8"	255'	None
	Production	GL	1918'	7"	1918'	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 2426'. Pumped 60 bbls of gelled water (15 sx). Pumped 70 sx of Class A cement plus 2 sx of cottonseed hulls. Displaced with 10.5 bbls of gelled water (3 sx). Had cement from 1818' to 2426', gel from 280' to 1818'. With tubing at 288', pumped 55 sx of Class A cement and circulated to surface.

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.

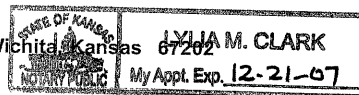
(Signature) [Signature]

(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



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

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 1365

DATE 3-17-06

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

CHARGE TO HEAVY OIL & GAS

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

LEASE & WELL NO. WALNOT 5-1 SWD CONTRACTOR HURRICANE WELL #2

KIND OF JOB Plug TO ABANDON SEC. 5 TWP. 7 RING: 21 EAST

DIR. TO LOC. \_\_\_\_\_ 7:00 A OLD NEW

Quantity	MATERIAL USED	Serv. Charge
125 SX	CLASS A	550.00
18 SX	G2L	
2 SX	COTTON SEED HULLS	
RECEIVED KANSAS CORPORATION COMMISSION JUL 05 2006 CONSERVATION DIVISION WICHITA, KS		
	BULK CHARGE	
	BULK TRK. MILES <u>6.8 TON</u>	
	PUMP TRK. MILES	
	PLUGS	
		SALES TAX
		TOTAL

T.D. 2426  
 SIZE HOLE \_\_\_\_\_  
 MAX. PRESS. 800  
 PLUG DEPTH 1818-2426/0-288'  
 PLUG USED CLASS A

CSG. SET AT 1918' VOLUME \_\_\_\_\_  
 TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_  
 SIZE PIPE 2 7/8 TUB / 7" CSG.  
 PKER DEPTH \_\_\_\_\_  
 TIME FINISHED 7:30 P

REMARKS: \_\_\_\_\_  
SEE ATTACHMENT

EQUIPMENT USED

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

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

FED ID # 48-1214033  
 MC ID # 156212  
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 Cellular # 620 437-7582  
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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

CEMENT DATA:

Spacer Type: G 2 1/4 H<sup>2</sup>O  
 Amt. 18 Skc Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type CLASS A  
+ 25x C.S.H Excess \_\_\_\_\_  
 Amt. 1.25 Skc Yield 1.17 ft<sup>3</sup>/sk Density 15.2 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skc Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Load 5.2 gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls

Acid Type \_\_\_\_\_  
 Pump Truck Used \_\_\_\_\_

Bulk Equipment \_\_\_\_\_  
JUL 05 2006

Float Equip: Manufacturer \_\_\_\_\_  
CONSERVATION DIVISION  
WICHITA, KS

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

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

Special Equip. \_\_\_\_\_  
 Dep. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls, Weight \_\_\_\_\_ PPG  
 Fluid Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_ CEMENTER/MIXER NEAL Rupp

Date 3-17-06 District MADISON Ticket No. 1365  
 Company HEARTLAND OIL & GAS Rig 1  
 Lease WALNUTS SWD Well No. 5-1  
 County ATCHISON State KS  
 Location \_\_\_\_\_ Field \_\_\_\_\_

CASING DATA:  Squeeze  Acid  Mini Frac  
 Surface  Intermediate  Production  Liner  
 Size 7" Type \_\_\_\_\_ Weight 20.0 Collar \_\_\_\_\_

Casing Depths: Top 95/9 225 Bottom 7' 1918

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0405 Lin. ft./Bbl. 24.70  
 Open Hole: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. .0313 Lin. ft./Bbl. 31.91  
 Tubing: Bbls/Lin. ft. .0058 Lin. ft./Bbl. 172.76  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_  
 Packer Setting: \_\_\_\_\_ B-Plug Depth \_\_\_\_\_

TIME AM / PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						<u>Pull 3" Tubing</u>
	<u>800</u>				<u>3.0</u>	<u>Run 279 to 2426 - Load hole</u>
	<u>800</u>			<u>75.0</u>	<u>3.0</u>	<u>Hole would NOT load - Start Gel H<sub>2</sub>O (155x)</u>
	<u>800</u>			<u>60.0</u>	<u>3.0</u>	<u>NO RETURNS - Start CLASS A + 25x C.S.H (705x)</u>
	<u>500</u>		<u>74.5</u>	<u>14.5</u>	<u>3.0</u>	<u>CEMENT IN - RETURNS TO BIT - Start Gel H<sub>2</sub>O (155x)</u>
	<u>0</u>		<u>85.0</u>	<u>10.5</u>		<u>CEMENT IN PLACE - Pull Tubing</u>
						<u>G 2 1/4 - 280' - 181x</u>
						<u>CEMENT 1818 - 2426</u>
	<u>100</u>				<u>3.0</u>	<u>Tubing @ 288' - Load hole</u>
	<u>100</u>			<u>12.0</u>	<u>3.0</u>	<u>Hole Loads - Start CEMENT (555x)</u>
	<u>0</u>			<u>11.5</u>		<u>CIRCULATE CEMENT TO SURFACE</u>
						<u>Pull Tubing</u>
						<u>CEMENT - 0 - 288'</u>
						<u>USED: 1255x CLASS A</u>
						<u>185x GEL</u>
						<u>25x COTTON-SEED-HULLS</u>

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ DBLS.  
 ISIP \_\_\_\_\_ PSI 5 MIN \_\_\_\_\_ PSI 10 MIN \_\_\_\_\_ PSI 15 MIN \_\_\_\_\_ PSI  
 (FRX) 1 620 437 2881 P. 008/008 HURRICANE WELL SERVICE, INC. (MON) 17:09 MR-20-2006