

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

JUL 05 2006

CONSERVATION DIVISION
WICHITA, KS

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. 1585
_____ Depth to Top: _____ Bottom: _____ T.D. _____
_____ Depth to Top: _____ Bottom: _____ T.D. _____

API Number: 15 - 005-20115-00-00
Lease Name: Walnut
Well Number: 5 - 1
Spot Location (QQQ): E2 - W2 SW - SE
685 Feet from North / South Section Line
2154 Feet from East / West Section Line
Sec. 5 Twp. 7 S. R. 21 East West
County: Atchison
Date Well Completed: 5-25-03
Plugging Commenced: 3-16-06
Plugging Completed: 3-16-06

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	233'	8 5/8	233'	None
	Production	GL	1580'	5 1/2	1580'	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 1440'. Pumped 11 bbls of gelled water (3 sx). With tubing at 1440', pumped 80 sx of Class A cement plus 2 sx of cottonseed hulls. Displaced with 4 bbls of gelled water (1 sx). Had cement from 740' to 1440', gel from 284' to 740'. With tubing at 280', pumped 30 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 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



ACT

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 1364

DATE 3-16-06

COUNTY Atchison CITY _____

CHARGE TO HEARTANO OIL & GAS CORP.

ADDRESS _____ CITY _____ ST _____ ZIP _____

LEASE & WELL NO. WALNUT 5-1 CONTRACTOR HURRICANE WELL SERVICE

KIND OF JOB Plug TO ABANDON SEC. 5 TWP. 7 S RNG. 21 EAST

DIR. TO LOC. _____ 1:00⁰ OLD NEW

Quantity	MATERIAL USED	Serv. Charge
1105x	CLASS A	550.00
45x	GEL	
25x	C.S.H	
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1145x	BULK CHARGE	NIC
	BULK TRK. MILES <u>5.4 TON</u>	
	PUMP TRK. MILES	
	PLUGS	
		SALES TAX
		TOTAL

T.D. 1585 P.B.T.D. 1535

CSG. SET AT 1580 VOLUME _____

SIZE HOLE _____

TBG SET AT _____ VOLUME _____

MAX. PRESS. _____

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

PLUG DEPTH 1337-1610 - 0-274'

PKER DEPTH _____

PLUG USED CLASS A

TIME FINISHED 5:30⁰

REMARKS: _____

SEE ATTACHMENT

EQUIPMENT USED

NAME SAM ARGO UNIT NO. 84

NAME JERRY STRAKER UNIT NO. _____

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: 3813A Y Road
 Madison, KS 66860

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

Acid/Cementing Log

Date: 3-16-06 District: Madison Ticket No. 1264
 Company: HEARTLAND OIL & GAS Rig: 1
 Lease: WALNUT Well No.: 5-1
 County: ATCHISON State: KS
 Location: _____ Field: _____

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

Casing Depth: Top 8518 233' Bottom 5 1/2 1540'

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 1585 ft. P.B. to 1535 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 812 ft. to 1429 ft. Amt. 1152.5
 Packer Setting: _____ B-Plug Depth _____

CEMENT DATA:
 Spacer Type: G2L
 Amt. 4 Skts Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type: CLASS A +
25X C.S.H Excess _____
 Amt. 110 Skts Yield 1.17 ft³/sk Density 15.7 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skts Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 5.2 gals/sk Tail _____ gals/sk Total 13.5 Bbls

Acid Type _____
 Pump Truck Used 84
 Bulk Equipment 91
 Float Equip: Manufacturer _____
 Shoe: Type _____
 Float: Type _____
 Centralizers: Quantity _____ Plug Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Fluid Type _____ Weight _____ PPG

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUL 05 2006

CONSERVATION DIVISION
 WICHITA, KS

COMPANY REPRESENTATIVE _____

CEMENTER/TREATER Neal Pupp

TIME AM / PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
					3.0	Run Tub. TAG @ 1440' LOAD HOLE
	800			15.0	3.0	Pump Gelled H ₂ O (35X)
	800			11.0	3.0	Gelled H ₂ O IN Pump CLASS A 80SK + 25X C.S.H
	300		27.25	16.75	3.0	CEMENT IN - START Gelled DISP. (15X)
	0		31.75	4.0		DISPIN - Pull TUBING CEMENT 740'-1440' GELL 294'-740'
	100				3.0	Tubing @ 280' - LOAD HOLE
	100			5.0	3.0	START CLASS A (30SK)
	0		6.25	6.25		CTR. CEMENT TO SURF. Pull TUBING
						USED: 110SK CLASS A 45X GEL 25X COTTON SEED HULLS

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs.

ISIP _____ PSI 5 MIN _____ PSI 10 MIN _____ PSI 15 MIN _____ PSI

P. 004/008

(FRX) 1 620 437 2881

Hurricane Well Service, INC.

MAR-20-2006(MON) 17:07