



ANNUAL REPORT OF PRESSURE MONITORING, FLUID INJECTION AND ENHANCED RECOVERY

Complete all blanks - add pages if needed. Copy to be retained for five (5) years after filing date.

OPERATOR: License # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____
Lease Name: _____
Well Number: _____

API No.: _____
Permit No.: _____
Reporting Year: _____
(January 1 to December 31)
____ - ____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ E W
(a/a/a/a)
_____ feet from N / S Line of Section
_____ feet from E / W Line of Section
County: _____

I. Injection Fluid:

Type (Pick one): Fresh Water Treated Brine Untreated Brine Water/Brine
Source: Produced Water Other (Attach list)
Quality: Total Dissolved Solids: _____ mg/l Specific Gravity: _____ Additives: _____
(Attach water analysis, if available)

II. Well Data:

Maximum Authorized Injection Pressure: _____ psi Injection Zone: _____
Maximum Authorized Injection Rate: _____ barrels per day
Total Number of Enhanced Recovery Injection Wells Covered by this Permit: _____ (Include TA's)

III.	Month:	Total Fluid Injected BBL	Maximum Fluid Pressure	Total Gas Injected MCF	Maximum Gas Pressure	# Days of Injection
	January	_____	_____	_____	_____	_____
	February	_____	_____	_____	_____	_____
	March	_____	_____	_____	_____	_____
	April	_____	_____	_____	_____	_____
	May	_____	_____	_____	_____	_____
	June	_____	_____	_____	_____	_____
	July	_____	_____	_____	_____	_____
	August	_____	_____	_____	_____	_____
	September	_____	_____	_____	_____	_____
	October	_____	_____	_____	_____	_____
	November	_____	_____	_____	_____	_____
	December	_____	_____	_____	_____	_____
	TOTAL	_____	_____	_____	_____	_____



Central Iowa Laboratory
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Oklahoma City, Oklahoma 73134

Upstream Chemicals

REPORT DATE: 09/28/2010

COMPLETE WATER ANALYSIS REPORT SEP-11-2010

CUSTOMER: WABASH ENERGY
DISTRICT: KANSAS
AREAL/AIRSE: SCOTT CITY AREA
SAMPLE POINT NAME: STREETXRT SWD NORTH
SITE TYPE: WELL SITES
SAMPLE POINT DESCRIPTION: WELL HEAD

ACCOUNT NO.:
SAMPLE ID:
SAMPLE DATE:
ANALYSIS DATE:
ANALYST:

SCOTT A. WELLSBROCK
20420200004
09/20/10
BOLCHMAN
IS

WABASH ENERGY, SCOTT CITY AREA, STREETXRT SWD NORTH

FIELD DATA

Parameter	Unit	Value
Initial Temperature (°F)		50.0
Final Temperature (°F)		51.0
Initial Pressure (psig)		320
Final Pressure (psig)		250
pH		7.3
Iron (Fe) (mg/L)		0.1
Manganese (Mn) (mg/L)		0.0
Cadmium (Cd) (mg/L)		ND
Chromium (Cr) (mg/L)		ND
Lead (Pb) (mg/L)		ND
Mercury (Hg) (mg/L)		ND
Asbestos (mg/L)		ND
Fluoride (F) (mg/L)		1.9
Barium (Ba) (mg/L)		ND
Cyanide (CN) (mg/L)		ND
Formaldehyde (mg/L)		ND
Acetylene (mg/L)		ND
Benzene (mg/L)		ND
Chloroform (mg/L)		ND
Dibromochloroethane (mg/L)		ND
1,1-Dichloroethene (mg/L)		ND
1,2-Dichloroethane (mg/L)		ND
1,1,1-Trichloroethane (mg/L)		ND
1,2,2-Trichloroethane (mg/L)		ND
1,1,2-Trichloroethane (mg/L)		ND
1,1,1,2-Tetrachloroethane (mg/L)		ND
1,1,2,2-Tetrachloroethane (mg/L)		ND
1,1,1,2,2-Pentachloroethane (mg/L)		ND
1,2,2,3-Tetrachlorobutane (mg/L)		ND
1,1,2,2,3-Pentachlorobutane (mg/L)		ND
1,1,1,2,2-Pentachloropropane (mg/L)		ND
1,1,2,2,3-Pentachloropropane (mg/L)		ND
1,1,1,2,2-Pentachloropropane (mg/L)		ND
1,1,2,2,3-Pentachloropropane (mg/L)		ND
1,1,1,2,2-Pentachloropropane (mg/L)		ND
1,1,2,2,3-Pentachloropropane (mg/L)		ND
1,1,1,2,2-Pentachloropropane (mg/L)		ND
1,1,2,2,3-Pentachloropropane (mg/L)		ND
1,1,1,2,2-Pentachloropropane (mg/L)		ND
1,1,2,2,3-Pentachloropropane (mg/L)		ND
1,1,1,2,2-Pentachloropropane (mg/L)		ND
1,1,2,2,3-Pentachloropropane (mg/L)		ND
1,1,1,2,2-Pentachloropropane (mg/L)		ND
1,1,2,2,3-Pentachloropropane (mg/L)		ND

SCALE FROM TYPICAL BASED ON FIELD REPORTED DATA, NUMBER AT THIS RATE MAY BE REQUIRED FOR VERIFICATION OF USE IN PRODUCTION OF GAS

Condition	Calcium (CaCO ₃)		Magnesium (CaCO ₃)		Sulfate (CaCO ₃)		Total Hardness (CaCO ₃)	
	Index	Area (gal)	Index	Area (gal)	Index	Area (gal)	Index	Area (gal)
75°F	25 gal	0.00	0.05	33.00	-0.05	0.00	-0.11	0.00
97°F	24 gal	0.00	0.14	30.40	-0.05	0.00	-0.23	0.00
114°F	24 gal	0.00	0.05	44.41	-0.04	0.00	-0.13	0.00
117°F	43 gal	0.00	0.77	53.20	-0.02	0.00	-0.02	0.00
117°F	51 gal	0.00	0.00	53.20	0.00	0.00	0.00	139.60
127°F	62 gal	0.00	1.09	63.34	0.00	14.61	0.32	322.50
157°F	72 gal	0.00	1.15	68.00	0.00	30.60	0.35	430.40
207°F	81 gal	0.00	1.30	73.94	0.00	147.00	0.40	501.00
217°F	91 gal	0.00	1.40	79.40	0.12	206.00	0.81	605.10
237°F	102 gal	0.00	1.50	84.00	0.18	261.00	0.73	701.50

Notes: 1. These reports generated from the program with the data entered on the field report. 2. 2. Frequency of test varies according to the test schedule. 3. 3. Some test results are not reported if the value is below the detection limit.

Comments: