

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 103 - 02922 County Wetzel District Magnolia
Quad Porters Falls Pad Name Tracy Field/Pool Name Mary
Farm name Tracy, Mary J. Living Trust Well Number #1H
Operator (as registered with the OOG) Stone Energy Corporation
Address 1300 Fort Pierpont Dr. - Suite 201 City Morgantown State WV Zip 26508

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,385,531 Easting 520,384
Landing Point of Curve Northing 4,385,811 Easting 520,006
Bottom Hole Northing 4,387,031 Easting 519,186

Elevation (ft) 1101 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)
Salt/Polymer Water Based Drilling Fluid including: Caustic Soda, Sodium Chloride, Sulfatrol, Starch, PAC, Xanplex D, Barite, Corrosion Inhibitor, and ROP Enhancer

Date permit issued 11/26/2013 Date drilling commenced 11/13/2014 Date drilling ceased 10/1/2016
Date completion activities began 10/20/2016 Date completion activities ceased 10/25/2016
Verbal plugging (Y/N) N Date permission granted _____ Granted by _____

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 102 Open mine(s) (Y/N) depths N
Salt water depth(s) ft None Reported Void(s) encountered (Y/N) depths N
Coal depth(s) ft 904 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

APPROVED

NAME: [Signature]
DATE: 5-25-17

RECEIVED
Office of Oil and Gas
MAR 13 2017
WV Department of
Environmental Protection

Reviewed by: [Signature]

06/02/2017

API 47- 103 - 02922 Farm name Tracy, Mary J. Living Trust Well number #1H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
Marcellus	6690'	TVD	12,210'-12,462' MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface psi Bottom Hole psi DURATION OF TEST hrs

OPEN FLOW Gas mcfpd Oil bpd NGL bpd Water bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	0		0		
See Attached Sheet					

Please insert additional pages as applicable.

Drilling Contractor Highlands (top hole) & Nomac (horizontal)
Address 900 Virginia Street - East / 3400 S. Radio Road City Charleston / El Reno State WV / OK Zip 25301 / 73036

Logging Company Scientific Drilling (top hole) & Baker Hughes (horizontal)
Address 124 Vista Drive / 17021 Aldine Westfield City Charleroi / Houston State PA / TX Zip 15022 / 77073

Cementing Company Halliburton (top hole) & Baker Hughes (horizontal)
Address 121 Champion Way / 17021 Aldine Westfield City Canonsburg / Houston State PA / TX Zip 15317 / 77073

Stimulating Company Baker Hughes
Address 1681 E. Main St. City Bridgeport State WV Zip 26330

Please insert additional pages as applicable.

Completed by Greg Zofchak Telephone 304-225-1600
Signature  Title Drilling Engineer Date 2/8/2017

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

Tracey #1H
API 47-103-02922
Stone Energy Corporation

	Horizontal			
	Top (ft TVD)	Top (ft MD)	Bottom (ft TVD)	Bottom (ft MD)
Sandstone & Shale	Surface		*	FW @ 102
Coal	904		*	908
Sandstone & Shale	909		*	1,874
Little Lime	1,875		*	1,890
Big Lime	1,980		*	2,170
Big Injun	2,071		*	2,255
Sandstone & Shale	2,256		*	2,580
Berea Sandstone	2,581		*	2,590
Shale	2,591		*	2,776
Gordon	2,777		*	2,800
Undiff Devonian Shale	2,801		*	6,099
Rhinstreet	6,100	6,112	~	6,430
Cashaqua	6,431	6,315	~	6,549
Middlesex	6,550	6,650	~	6,602
West River	6,603	6,730	~	6,638
Undiff Devonian Shale	6,639	6,802	~	6,670
Geneseo	6,671	6,839	~	6,694
Tully Limestone	6,695	6,900	~	6,730
Hamilton Shale	6,731	6,990	~	6,768
Marcellus	6,769	7,108	~	12,535
TD				12,535

* From Pilot Hole Log and Driller's Log
~ From MWD Gamma Log

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Discharge Monitoring Report
Oil and Gas General Permit

Company Name: STONE ENERGY CORPORATION
API No: 47-103-02961 County: Wetzel
District: Magnolia Well No: Tracy #2H
Farm Name: Tracy, Mary J. Living Trust
Discharge Date/s From:(MMDDYY) N/A To: (MMDDYY) N/A
Discharge Times. From: N/A To: N/A
Total Volume to be Disposed from this facility (gallons): 16,800 (Drilling Only)
Disposal Option(s) Utilized (write volumes in gallons):

- (1) Land Application: N/A (Include a topographical map of the Area.)
(2) UIC: 16,800 Permit No. 34-105-23619, 34-121-23995, 34-121-24086, 2D0859721
(3) Offsite Disposal: N/A Site Location: N/A
(4) Reuse: N/A Alternate Permit Number: N/A
(5) Centralized Facility: N/A Permit No. N/A
(6) Other method: N/A (Include an explanation)

Follow Instructions below to determine your treatment category:

Optional Pretreatment test: N/A Cl- mg/l N/A DO mg/l

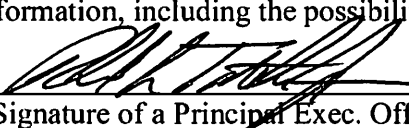
1. Do you have permission to use expedited treatment from the Director or his representative?
(Y/N) N/A If yes, who? N/A and place a four (4) on line 7.
If not go to line 2
2. Was Frac Fluid or flowback put into the pit? (Y/N) No If yes, go to line 5. If not, go to line 3.
3. Do you have a chloride value pretreatment (see above)? (Y/N) N/A If yes, go to line 4
If not, go to line 5.
4. Is the Chloride level less than 5000 mg/l? (Y/N) N/A If yes, then enter a one (1) on line 7.
5. Do you have a pretreatment value for DO? (See above) (Y/N) N/A If yes, go to line 6
If not, enter a three (3) in line 7.
6. Is the DO level greater than 2.5 mg/l?(Y/N) N/A If yes, enter a two (2) on line 7. If not, enter a three (3) on line 7.
7. N/A is the category of your pit. Use the Appropriate section.
8. Comments on Pit condition: A closed loop drilling system was utilized on this well and as such, no pit was constructed. All cuttings were hauled to a permitted landfill.

Name of Principal Exec. Officer: Richard L. Toothman

Title of Officer: Exec. VP Appalachia

Date Completed: 3/1/2017

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.


Signature of a Principal Exec. Officer or Authorized agent.

06/02/2017

Category 1
Sampling Results

API No : 47-103-02961

Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	5	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl	5,000	_____	5,000	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
Total Al***		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Disposal Area		_____	Monitor	_____	Acres

*** Al is only reported if the pH is above 9.0

Category 2
Sampling Results

API No : 47-103-02961

Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	10	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
Total Al***		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Disposal Area		_____	Monitor	_____	Acres

* Can be 25,000 with inspector's approval,

(Inspector's signature): _____

Date: _____

** Include a description of your aeration technique.

Aeration Code: _____

*** Al is only reported if the pH is above 9.0

Category 3
Sampling Results

API No : 47-103-02961

Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	20	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
Total Al***		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Disposal Area		_____	Monitor	_____	Acres

* Can be 25,000 with inspector's approval,

(Inspector's signature): _____

Date: _____

** Include a description of your aeration technique.

Aeration Code: _____

*** Al is only reported if the pH is above 9.0.

Category 4
Sampling Results

API No: 47-103-02961

Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	1	_____	N/A	N/A	Days
Fe	Monitor	_____	Monitor	_____	mg/l
D.O.	Monitor	_____	Monitor	_____	mg/l
Settleable Sol.	Monitor	_____	Monitor	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Activated Carbon (0.175)		_____	N/A	N/A	lb/Bl
Date Site Reclaimed	N/A	N/A			10 days from dis.
Disposal Area		_____	Monitor	_____	Acres

* Can be 25,000 with inspector's approval,

(Inspector's signature): _____

Date: _____