

Class I and II Well Inspection Form US Environmental Protection Agency – Region 4 Underground Injection Control Program 61 Forsyth Street SW, MC 9T25, Atlanta, Georgia, 30303 Phone: (404)562-9424					Inspection ID EPA Well ID#: 2021–11–18 Year-Month-Day: EPA Permit # (or RA): Page 1 Of 2										
Inspector(s): <u>Anthony Shelton</u> (lead), <u>Carl Weller</u>					Start Time: <u>11:32 am</u>										
<u>Carol Chen</u>					End Time: <u>11:40 am</u>										
Facility Contact Information	Facility Name: <u>PETRO HARVESTER OPERATING COMPANY, LLC</u>														
	Street Address: <u>1107 W 6th St (office address)</u>														
	City: <u>Laurel</u>					County: <u>Jones</u>					State: <u>MS</u> Zip: <u>39440</u>				
	Nature of Business: <u>Oil and gas extraction industry</u>														
	Facility Owner/Operator: <u>PETRO HARVESTER OPERATING COMPANY, LLC</u>										Phone: <u>601-651-2100</u>				
	Email: <u>kerry.allen@rockallenergy.com</u>														
	Facility Contact (if different): <u>Kerry Allen, Sr. Operations Manager</u>										Phone: <u>601-651-2105</u>				
	O/O Mailing Address: <u>1107 W 6th St (office address)</u>														
Well Data from File	Well Name & #: <u>Laurel Field Unit (LFU) 36-13 #1</u>														
	Well Type (see table): <u>Produced Fluid Disposal, UIC Class II</u>										State Permit: <u>API#2306720409-01-01</u>				
	Latitude (°N): <u>31.69891</u>					Longitude (°W): <u>-89.1613</u>					Elevation (ft): <u>218'(Gr)</u>				
	Injection Method (check applicable): ☐ Casing Injector; ☒ Tubing & Packer; ☐ Cemented Injection Tubing														
	PBTD@4106' ☐ Other: _____														
	Total Depth (ft): <u>11,500'</u>					Inner Casing Size (in): <u>5 ½"</u>					Tubing Size (in): <u>2 ⅞"</u> Packer Depth (ft): <u>3943.98'</u>				
	Inj. Zone: ☐ Open Hole; ☒ Perforated; Top(ft) <u>4,020'</u> Bottom(ft): <u>4,078'</u> Max. Injection Pressure (psig): <u>682 psi</u>														
	Field Measurements and Observations	Latitude (°N): <u>31.69890</u>					Longitude (°W): <u>-89.16133</u>					Elevation (ft): _____			
EPA GPS ID: <u>SX8123</u>					Well Status (see table): <u>TA</u>					If not Active, Reported Date Last Active: <u>9/1/2016</u>					
Nature of Injected Fluid(s) if any: <u>Produced fluids</u>															
General Condition of the Well Site: <u>NA</u>															
Notes & Comments (include discrepancies from database values): <u>Tubing gauge: 0 psi Annulus gauge: 0 psi</u>															
<u>Field hand on-site stated that no injection pump was on this location since 2016 and tanks may contain</u>															
<u>some rainwater along with produced fluids. 40% produced fluids were visible in 2 tanks of 400 bbls,</u>															
<u>60% produced fluids were visible in 4 tanks of 210 bbls.</u>															
<u>Perforations provided by field hand on-site are:</u>															
<u>4,020' to 4,034'</u>															
<u>4,050 to 4,078</u>															
See reverse for additional observations, comments and photo log															
Owner/Operator Representative (Optional)										UIC Inspector					
Name: _____										Name: <u>Anthony Shelton</u>					
Signature: _____										Signature: <u>ANTHONY SHELTON</u> Digitally signed by ANTHONY SHELTON Date: 2022.01.19 10:05:38 -05'00'					

Version 2018-04-18

Inspector Carl Weller's signature: _____ Inspector Carol Chen's signature: CAROL CHEN Digitally signed by CAROL CHEN
Date: 2022.01.18 17:41:32 -05'00'

Class I and II Well Inspection Form
US Environmental Protection Agency – Region 4
Underground Injection Control Program
61 Forsyth Street SW, MC 9T25, Atlanta, Georgia, 30303
Phone: (404)562-9424

Inspection ID

EPA Well ID#:

2	0	2	1	-	1	1	-	1	8		

Year-Month-Day:
EPA Permit # (or RA):

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Field Measurements and Observations (Cont.)

(Cont.) Laurel Field Unit (LFU) 36-13 #1

36-13-1 Class II Well/SPCC Observations:

- The operators informed the inspection team that the drilling field has two 16,800 gallon aboveground storage tanks (AST)s on site that are approximately 40 % full with produced fluids and four 8,820 gallon ASTs on site that are approximately 60 % full with produced fluids. The inspection team did not observe any other ASTs in this drilling field.
- The P.E. certified SPCC Plan for this drilling field stated that soil should be used for secondary containment for the six ASTs.
- The tank farm uses soil (permeable material) as a secondary containment for the six aforementioned ASTs.
- The six ASTs were badly rusted and looked like they were poorly maintained.

Team's observations/comments:

We Inspected 8 wells that day, with a total of 9 people: 4 from Petro Harvester, 2 from MSOGB and 3 from EPA. All inspected wells were located in areas that were fenced and gated. All the pumping units and injection pumps were in good condition and operated almost silently. The well locations seemed to be kept clean and organized. The focus of this inspection was well 36-13-1 which was TA with 0 psi on Tubing and 0 psi on Annulus. Also, the well was chained and locked in the closed position.

Photo Log

Photographer: Carl Weller EPA Camera ID: SX8123
Photo ID: 107 Time: 11:33 am Lat (°N): 31.69887 Long (°W) -89.16132
Description: overview, no injection pump, (2) 400 bbl tanks, (4) 210 bbl tanks
Photo ID: 108 Time: 11:36 am Lat (°N): 31.69896 Long (°W) -89.16129
Description: well site
Photo ID: Time: Lat (°N): Long (°W)
Description:
Photo ID: Time: Lat (°N): Long (°W)
Description:
Photo ID: Time: Lat (°N): Long (°W)
Description:
Photo ID: Time: Lat (°N): Long (°W)
Description:

Owner/Operator Representative (Optional)

Name: _____
Signature: _____

UIC Inspector

Name: Anthony Shelton
Signature: ANTHONY SHELTON
Digitally signed by ANTHONY SHELTON
Date: 2022.01.19 10:06:02 -05'00'

Version 2018-04-18

Inspector Carl Weller's signature: _____ Inspector Carol Chen's signature: CAROL CHEN
Digitally signed by CAROL CHEN
Date: 2022.01.18 17:42:06 -05'00'