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#:
Year-Month-Day: 2021 – 11 – 18
EPA Permit # (or RA):

Inspector(s): Anthony Shelton (lead), Carl Weller
Carol Chen ,

Start Time: 11:32 am
End Time: 11:40 am

Facility Contact Information

Facility Name: PETRO HARVESTER OPERATING COMPANY, LLC
Street Address: 1107 W 6th St (office address)
City: Laurel County: Jones State: MS Zip: 39440
Nature of Business: Oil and gas extraction industry
Facility Owner/Operator: PETRO HARVESTER OPERATING COMPANY, LLC Phone: 601-651-2100
Email: kerry.allen@rockallenergy.com
Facility Contact (if different): Kerry Allen, Sr. Operations Manager Phone: 601-651-2105
O/O Mailing Address: 1107 W 6th St (office address)
City: Laurel County: Jones State: MS Zip: 39440

Well Data from File

Well Name & #: Laurel Field Unit (LFU) 36-13 #1
Well Type (see table): Produced Fluid Disposal, UIC Class II State Permit: API#2306720409-01-01
Latitude (°N): 31.69891 Longitude (°W): -89.1613 Elevation (ft): 218'(Gr)
Injection Method (check applicable): ☐Casing Injector; ☒Tubing & Packer; ☐Cemented Injection Tubing
PBTD@4106' ☐Other:
Total Depth (ft): 11,500' Inner Casing Size (in): 5 ½" Tubing Size (in): 2 ⅞" Packer Depth (ft): 3943.98'
Inj. Zone: ☐Open Hole; ☒Perforated; Top(ft) 4,020' Bottom(ft): 4,078' Max. Injection Pressure (psig): 682 psi

Field Measurements and Observations

Latitude (°N): 31.69890 Longitude (°W): -89.16133 Elevation (ft):
EPA GPS ID: SX8123 Well Status (see table): TA If not Active, Reported Date Last Active: 9/1/2016
Nature of Injected Fluid(s) if any: Produced fluids
General Condition of the Well Site: NA

Notes & Comments (include discrepancies from database values): Tubing gauge: 0 psi Annulus gauge: 0 psi
Field hand on-site stated that no injection pump was on this location since 2016 and tanks may contain some rainwater along with produced fluids. 40% produced fluids were visible in 2 tanks of 400 bbls, 60% produced fluids were visible in 4 tanks of 210 bbls.
Perforations provided by field hand on-site are:
4,020' to 4,034'
4,050 to 4,078

See reverse for additional observations, comments and photo log

Owner/Operator Representative (Optional)

Name:
Signature:

UIC Inspector

Name: Anthony Shelton
Signature: ANTHONY SHELTON Digitally signed by ANTHONY SHELTON Date: 2022.01.19 10:05:38 -05'00'

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'

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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:

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'