

*Harpoon Install Report

1 University of Utah Geothermal

Sent By

Jose Quintana
019

Sent At

16 February 2024
at 03:15 PM

Submitted By:

Jose Quintana

Weather:

Cloudy 18-36 degrees Fahrenheit

Report # (Serial Number, Setup Number, S for Setup) ie. H15P-012 J5 S:

H20P-14 S

Customer:

Shalestone

Field Contact:

Nate Aue

Phone #:

(720) 350-7436

Supervisor Name:

Nate Aue

Groundwork Supervisor:

Nate Aue

Lease Name:

16B (78)-32 WELL SITE 4874 EAST FORGE ROAD • MILFORD, UT 84751

State/Province:

Utah

Tank Size:

H20P

Start Time:

2024-02-14 01:30 PM



Fluid Composition:

Fresh

Finish Time:

2024-02-16 01:40 PM



Equipment Type:

Lifting Implements Serial #:

QA-05,10,18

Lifting Implements Visually Inspected?:

☒ Yes ☐ No

Groundwork Details:

Description:

Complete

Pad Grade Within Spec:

☒ Yes ☐ No

Pad Compaction Sufficient:

☒ Yes ☐ No

Photos of Pad:



Equipment Used:

Tank Panels Serial #:

H20P-14

Tank Panels Visually Inspected?:

☒ Yes ☐ No

Tank Panels Properly Installed?:

☒ Yes ☐ No



Repairs Required?

NA

Liner Serial #:

HL-20P- 010

Liner Visually Inspected?:

☒ Yes ☐ No

Liner Properly Installed?:

☒ Yes ☐ No

Liner Installed By:

Shalestone Inc.



Comments:

Advise crew to not get in a hurry and spread/prep to make pulling liner more efficient

Groundcloth Visually Inspected?:

☒ Yes ☐ No

Groundcloth Properly Installed?:

☒ Yes ☐ No



HYDRM Serial Number and Sensors Installed:

123456789 None

- ☒ Manifold Pressure Sensor
- ☐ Tank Floor Pressure Sensor
- ☐ Antenna
- ☐ Ultrasonic Level Sensor
- ☐ Temperature Sensor
- ☐ Auxiliary Solar Panel

Upload Photo of Installed HYDRM System:



Manifold Set Serial #:

SM, FM - 030

Manifold Set Visually Inspected?:

☒ Yes ☐ No

Manifold Set Properly Installed?:

☒ Yes ☐ No

Repairs Needed?

NA



Additional Items Installed or Left On Location:

Light bars



Additional Items Installed Not Listed:

All Liner Connections Double Checked?

Complete

- ☒ Fill Manifold Connection
- ☒ Suction Manifold Connection
- ☒ Inner Manway Connection
- ☒ Outer Manway Connection

Third Party Vendors:

☐ Yes ☒ No

General Project Comments:

Assemble H20P-13

16B (78)-32 WELL SITE

4874 EAST FORGE ROAD • MILFORD, UT 84751

Dirt work was completed for forth tank

Grader was down for blown coolant hose

Started spreading ground pad 10:30

High constant winds present

Started steel approx: 11am

Finished steel @ 3:30pm

3:30-6:30 pull liner

Used 1in drill bit to drill hole in liner for manifold gaskets.

Two water trucks hauling water.

Left site 8:30pm

2.16.24

Arrive on site 7am

Pulled liner. Waited for water 1.5 hrs.

Used 1 inch drill bit to drill out holes for manifold bolts

Seated floor

Crew left site approximately 2pm

Signed on

Corfix

X *Jose Quintana*

Jose Quintana 019

(jose@hydrera.com)

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Signed 3:16:04 PM Fri Feb 16 2024

From IP 172.59.152.209, 172.31.83.19