# Post Drilling/Annual Well Site Inspection Form

| Section 1: General Information | |
|---|---|
| **Operation Data** | **Inspection Data** |
| **Operator Name**<br>Snake River Oil + Gas, LLC | **Inspector Name**<br>James Thum |
| **Well Name**<br>Kauffman #1-9, USWN 11-075-20027 | **Area Office**<br>Boise / Director's |
| **Authorized Contact** Dan Johanek (208)707-7867<br>112 N. Plymouth, New Plymouth ID | **Inspection Date**<br>11/29/2021, 3:30 PM |
| **County**<br>Payette | **Report Date**<br>1/6/2022 |
| **Inspector's Signature:** /signed/ James Thum<br><br>**Date of Signature:** 1/6/2022 | **Inspection Summary:**<br>☐ Operation appeared to be in compliance at the time of the inspection.<br>☒ Issues of concern identified at the time of the inspection. |

**Location Description:** 3726 feet WNW from Little Willow Gathering Facility, 4649 Little Willow Road. Google Maps location Latitude 44.053214, Longitude -116.817247. Well is a dual completion; both zones currently S/I.

Weather: partly cloudy, 50˚F, variable light wind <5 MPH

**Scope of Inspection** (check all that apply and, or, were verified during the inspection):

☒ Well site ☐ Tank Battery ☒ Wellhead ☐ Meters ☐ Other:

If well site, is the well a multiple zone completion? ☒ Yes ☐ No

## Section 2: Pits — IDAPA 20.07.02.230

1. Are pits located on site? ☐ Yes ☒ No
   - A. If yes;
     - i. Permitted as: ☐ Short-term pit ☐ Long term pit
     - ii. Use Corresponding Pit Inspection Form and attach with this inspection.

## Section 3: Identification of Wells — IDAPA 20.07.02.300

1. Is a lease access road sign visible where the principal lease road enters the lease? ☒ Yes ☐ No
   - A. If yes;
     - i. Does the sign show:
       - a. The name of the lease? ☒ Yes ☐ No
       - b. The name of the owner or operator? ☒ Yes ☐ No
       - c. The Section, Township and Range? ☒ Yes ☐ No
2. Is a legible well site sign visible near the well? ☒ Yes ☐ No
   - A. If yes;
     - i. Does the well site sign identify the;
       - a. Operator? ☒ Yes ☐ No
       - b. Permit number? ☒ Yes ☐ No
       - c. Well name? ☒ Yes ☐ No
       - d. Emergency telephone number? ☒ Yes ☐ No
3. For multiple completions, is there a sign for each well head connection? ☐ N/A ☒ Yes ☐ No

| Section 4: Location Operations<br>20.07.02.301 | IDAPA |
|---|---|
| 1. Is the well site fenced? **See Comments**<br>(Answer N/A if the well has not been completed and fencing is not erected) | ☐ N/A ☒ Yes ☐ No |
| A. If Yes; | |
| i. Was the fence installed within 60 days of completing the facility? | ☒ Unknown ☐ Yes ☐ No |
| ii. Does the fence appear to: | |
| a. Maintain safe working conditions? | ☒ Yes ☐ No |
| b. Secure the well site? | ☒ Yes ☐ No |
| c. Prevent access by wildlife and livestock? | ☒ Yes ☐ No |
| 2. Is there less than 5% vegetation on site? **See Comments** | ☒ Yes ☐ No |
| 3. Has it been more than six months since the removal of the drilling rig? | ☒ Yes ☐ No |
| A. If No; | |
| i. Are chemicals stored and maintained in accordance with all applicable MSDS requirements? | ☒ N/A ☐ Yes ☐ No |
| ii. Are all materials related to operations palletized? | ☒ N/A ☐ Yes ☐ No |
| iii. Do all vehicles or materials on the site appear to be in use? | ☒ N/A ☐ Yes ☐ No |
| iv. Is the site free from all trash, debris, or scrap metal on site? | ☒ Yes ☐ No |
| a. If no, is all trash, debris and scrap metal pending removal kept in a wind proof container and appear emptied regularly? | ☒ N/A ☐ Yes ☐ No |
| b. If trash or debris constitutes a fire hazard, is it removed to at least 100 feet from the facility, tanks or separators? | ☒ N/A ☐ Yes ☐ No |
| B. If Yes; | |
| i. Are all debris and waste materials including, but not limited to, concrete, sack bentonite and other drilling mud additives, sand, plastic, pipe, and cable associated with the drilling and completion operations removed and disposed of properly? | ☒ Yes ☐ No |
| ii. Are all disturbed areas affected by drilling or subsequent operations, except areas reasonably needed for production operations or subsequent drilling operations within twelve months, reclaimed and revegetated to approximately the pre-drilling condition (in accordance with IDAPA 20.07.02.510.04-07 or to the condition specified in an agreement with the surface owner. | ☒ Yes ☐ No |

| Section 5: Accidents and Fires<br>20.07.02.302 | IDAPA |
|---|---|
| 1. Is the emergency response plan available for use or inspection? | ☒ Yes ☐ No |
| A. If yes, does the operation appear to be consistent with the response plan? | ☒ Yes ☐ No |
| 2. Is the location free of evidence of recent fires? | ☒ Yes ☐ No |
| A. If no, have they been properly reported? | ☒ N/A ☐ Yes ☐ No |

3. Ask for a spill prevention and countermeasures plan (SPCC can be located in company office). Are they aware of it? ☒ Yes ☐ No

**Section 6: Chokes** **IDAPA 20.07.02.312**

1. Are all flowing wells equipped with adequate chokes to properly control flow? ☐ N/A ☒ Yes ☐ No

**Section 7: Measurement of Gas** **IDAPA 20.07.02.402**

1. Is the site a natural gas well? ☒ Yes ☐ No
   A. If yes, is there a standard industry meter approved by the American Gas Association and capable of recording accurately the volume of natural gas produced at each well? ☒ Yes ☐ No
   B. If no, is there another methodology being utilized that has been approved by the Department? ☐ N/A ☐ Yes ☐ No
      a. If yes, describe:

2. Separator location and Meter System Location:
   ☐ Well Site ☒ Little Willow Gathering Facility ☐ Other: _____

**Section 8: Meters** **IDAPA 20.07.02.410**

1. Type of Hydrocarbon Measuring Systems:
   ☒ Coriolis Measuring System for Liquids ☒ Orifice Measuring System for Gas
   ☐ Other: _____
2. Are meter fittings of adequate size to measure gas efficiently? ☒ Yes ☐ No
3. Are meters accessible and viewable? ☒ Yes ☐ No
4. Are valves installed so pressures can be readily obtained on both casing and tubing? ☒ Yes ☐ No
5. Are quarterly meter calibration records available for inspection? ☐ N/A ☒ Yes ☐ No

**Section 9: Tank Batteries** **IDAPA 20.07.02.420**

1. Are there tank batteries located on site? ☐ Yes ☒ No
   A. If yes, are all tank batteries located at least 300 feet from any existing:
      i. Occupied structures? ☐ Yes ☐ No
      ii. Water wells? ☐ Yes ☐ No
      iii. Canals? **N/A** ☐ Yes ☐ No
      iv. Ditches? ☐ Yes ☐ No
      v. Natural or ordinary high water mark of surface waters? ☐ Yes ☐ No
   B. Is location at least 50 feet from highways when measured from outermost portion of the tank dike? ☐ Yes ☐ No
   C. Are all tanks containing produced fluids or crude oil surrounded by tank dikes? ☐ Yes ☐ No
   D. Are all tanks equipped to receive produced fluids surrounded by tank dikes? ☐ Yes ☐ No
      i. If yes;
         a. Do the dikes have a capacity of at least 1 ½ times the volume of the largest tank? ☐ Yes ☐ No

b. Is all piping and manmade improvements that perforate the dike wall or tank battery floor sealed to a minimum radius of 12" from outside edge of the piping or improvement? ☐ Yes ☐ No

c. Are valves and quick-connect couplers at least 18" from inside wall of tank dike? ☐ Yes ☐ No

d. Is vegetation on top and outside surface properly maintained? **N/A** ☐ Yes ☐ No

e. Is a ladder or other permanent device installed over the tank dike to access the containment reservoir? ☐ Yes ☐ No

f. Is containment reservoir free of vegetation, storm water, produced fluids, other oil and gas field related debris, trash or flammable material? ☐ Yes ☐ No

E. Do drain lines have a valve installed, closed and capped off if not in use? ☐ Yes ☐ No

## Section 10: Inspection Comments

**Comments and Issues of Concern:**

Pressure data
Surface casing: N/A (no pressure data included in 11-2021 6 month report)
Production casing: 230 PSI (no pressure data included in 11-2021, 6 month report)
LT Tubing: 147 PSI (no pressure data included in 11-2021, 6 month report)
UT Tubing: N/A

Section 4 comments: Wellsite is fenced with approximately 18-inch high berm around the inside fence perimeter. Vegetation coverage <5% except in the vicinity of the wellhead steel fence and separator enclosure, and along the top and sides of the berm. No weed mitigation measures were apparent.

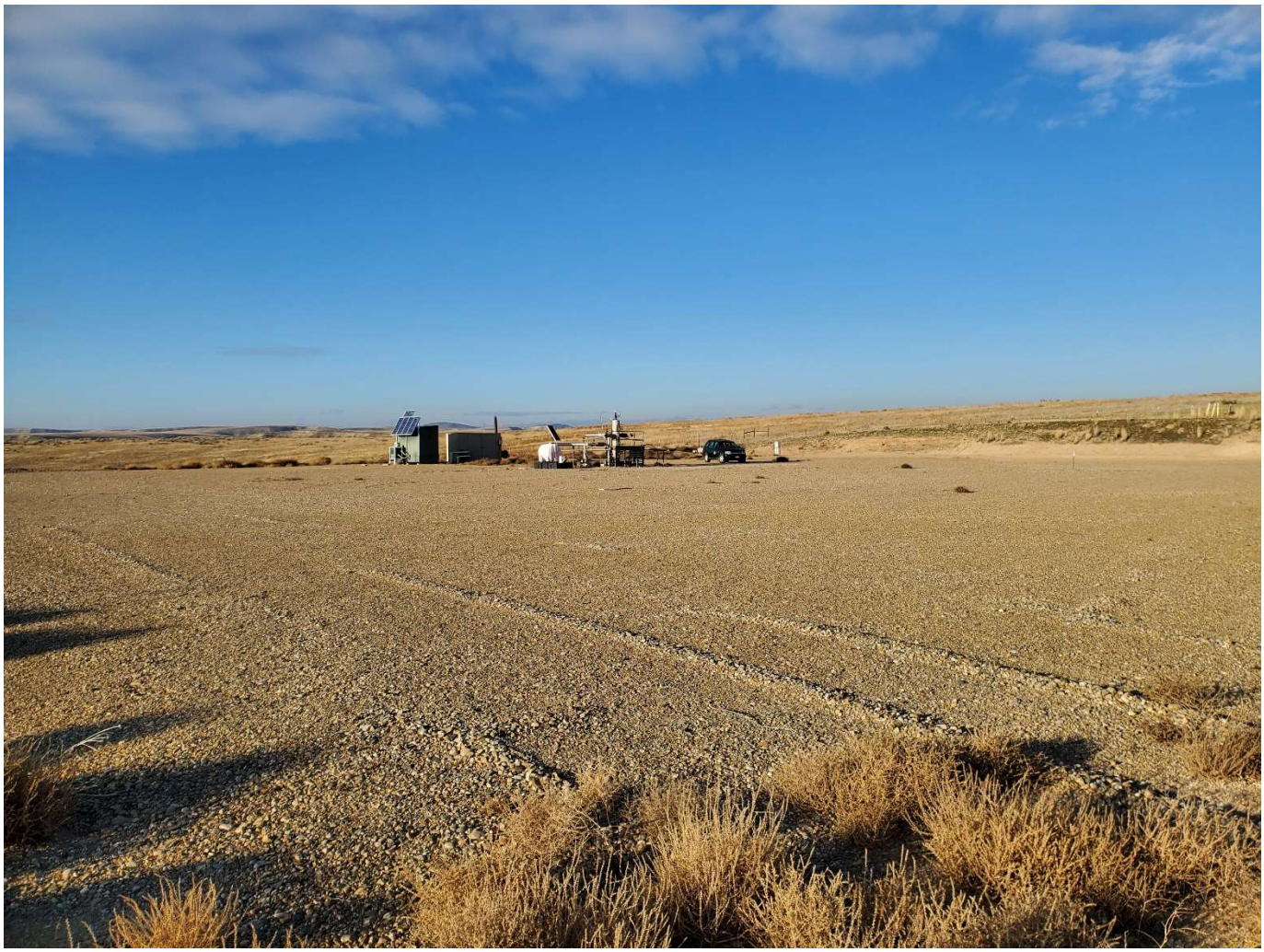
SDS sheets for the chemical storage tank were water-logged and disintegrating and need replaced.

Item of concern: Due to the paraffin inhibitor treatment tube inserted into the LT tubing string, the valves cannot be completely shut. As a result, the LT tubing string is slowly leaking oil. The insulation encasing the wellhead is stained and soaked, and the oil has leaked sufficiently to stain the gravel that has been used to fill in the cellar. Recommend removing the treatment tubing, contaminated gravel and the wellhead insulation material.

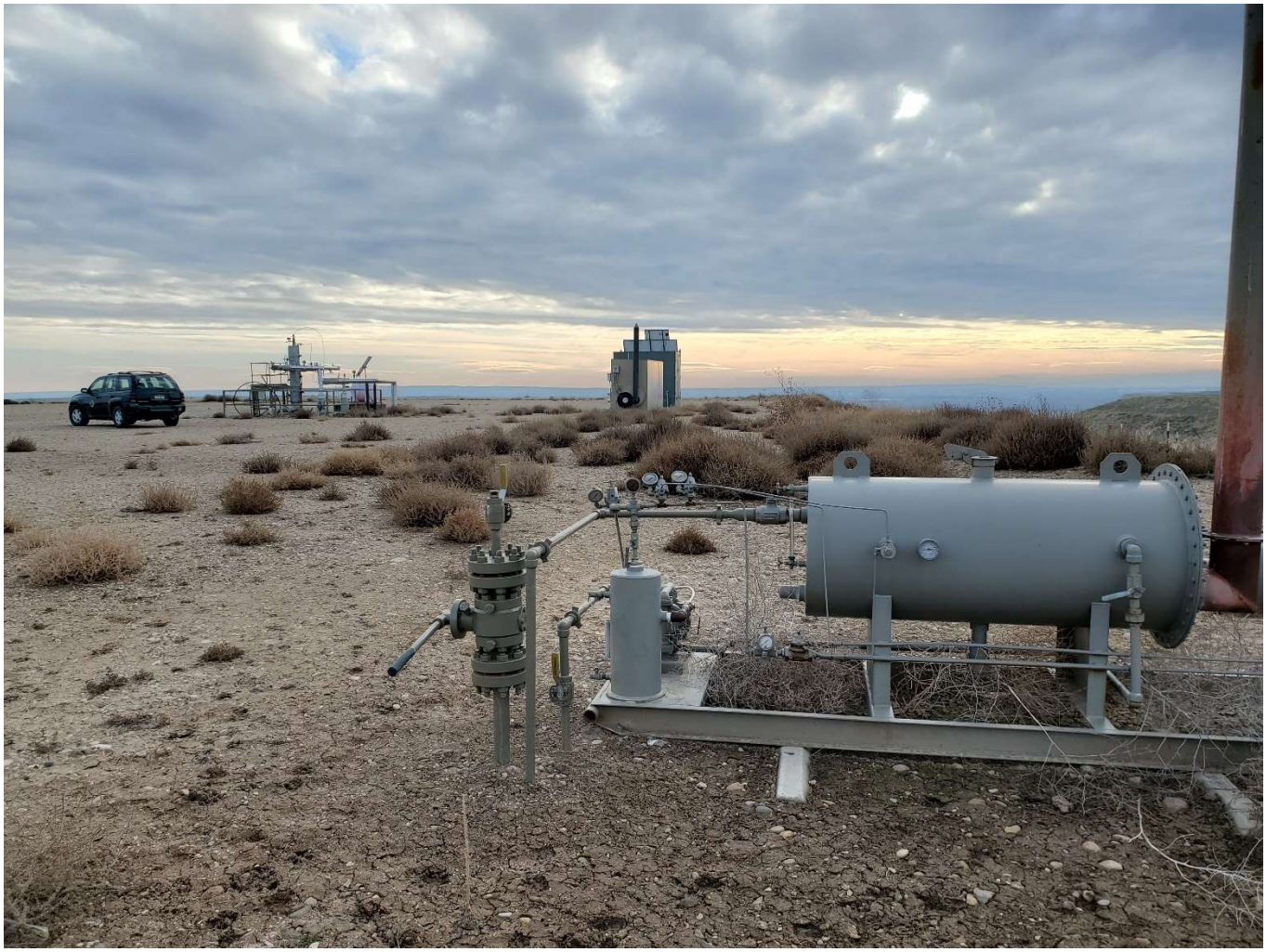
## Section 11: Attachments

**List any and all attachments including photos, samples, documents, etc:** Photo files 20211129-150729 through 20211129-153709 (22 photos) in well file.

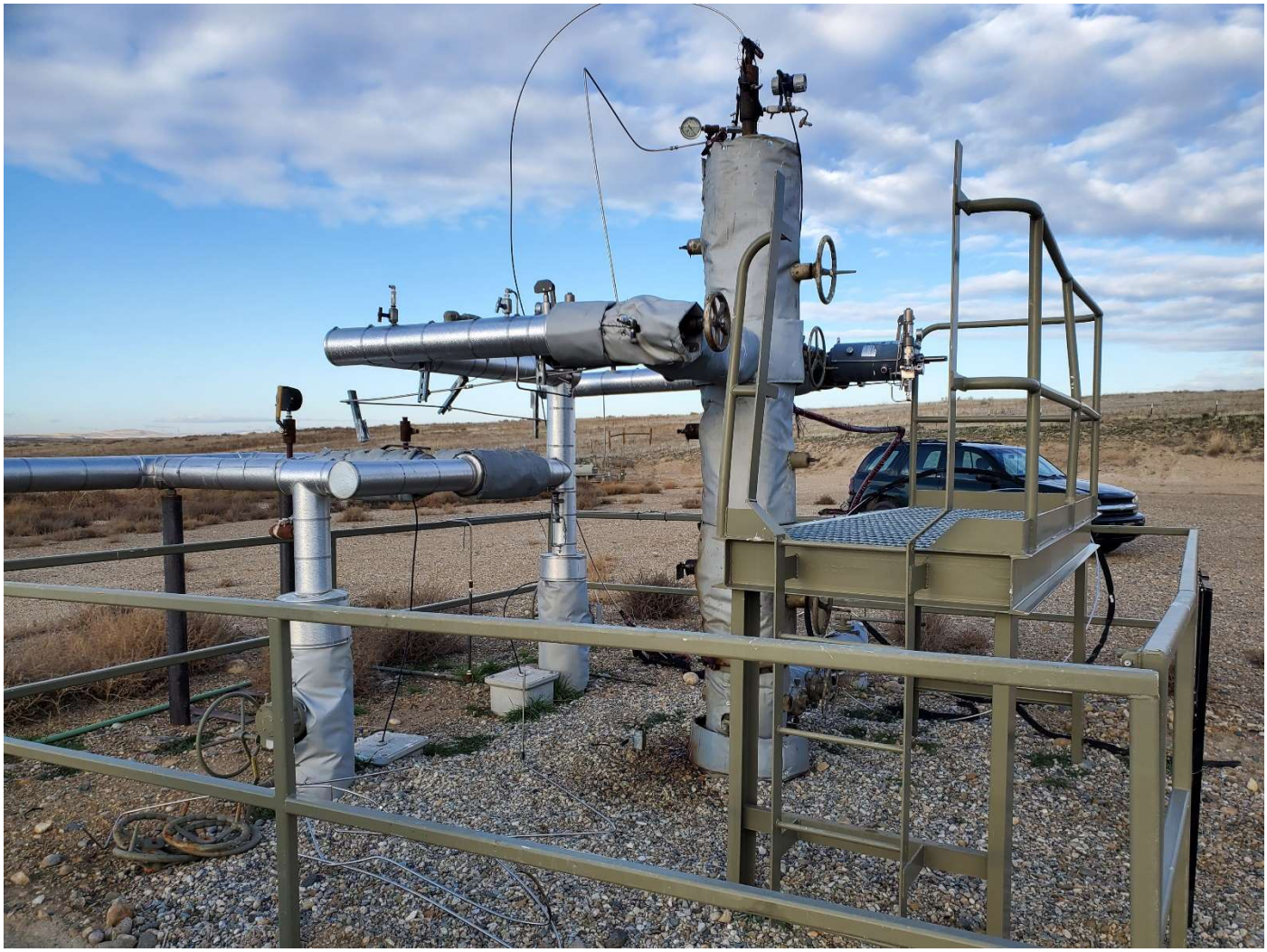
1. Well pad from S corner, view N.  Wellhead center, chemical tank and separator unit to left.



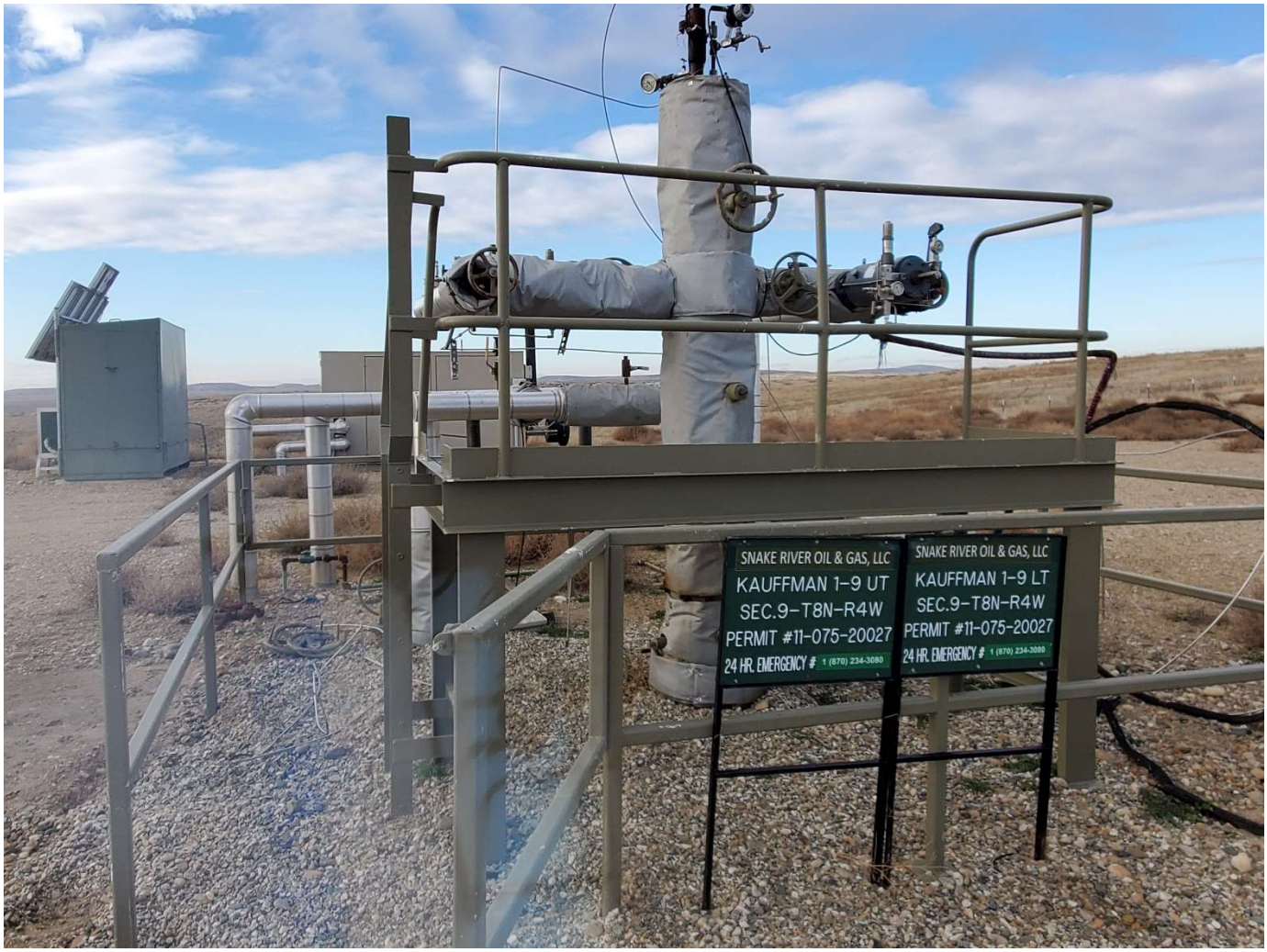
2. Well pad from N corner, view SSW. Decommissioned separator in foreground right, separator unit center rear, wellhead left rear. Note vegetation.



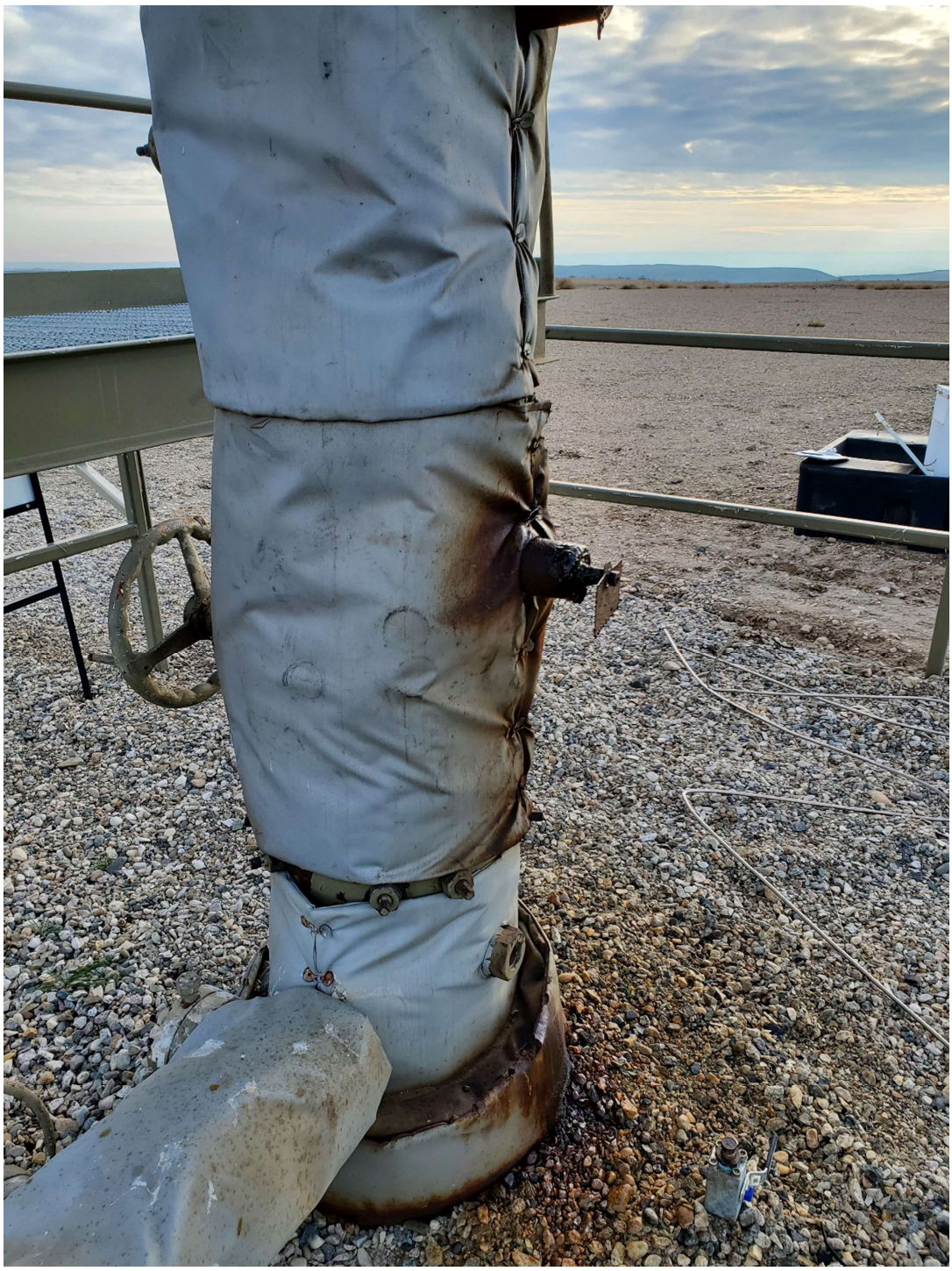
3. Wellhead and inner fencing, view N.  Cellar has been gravel-filled. Note vegetation, oil stained gravel left side, base of wellhead.



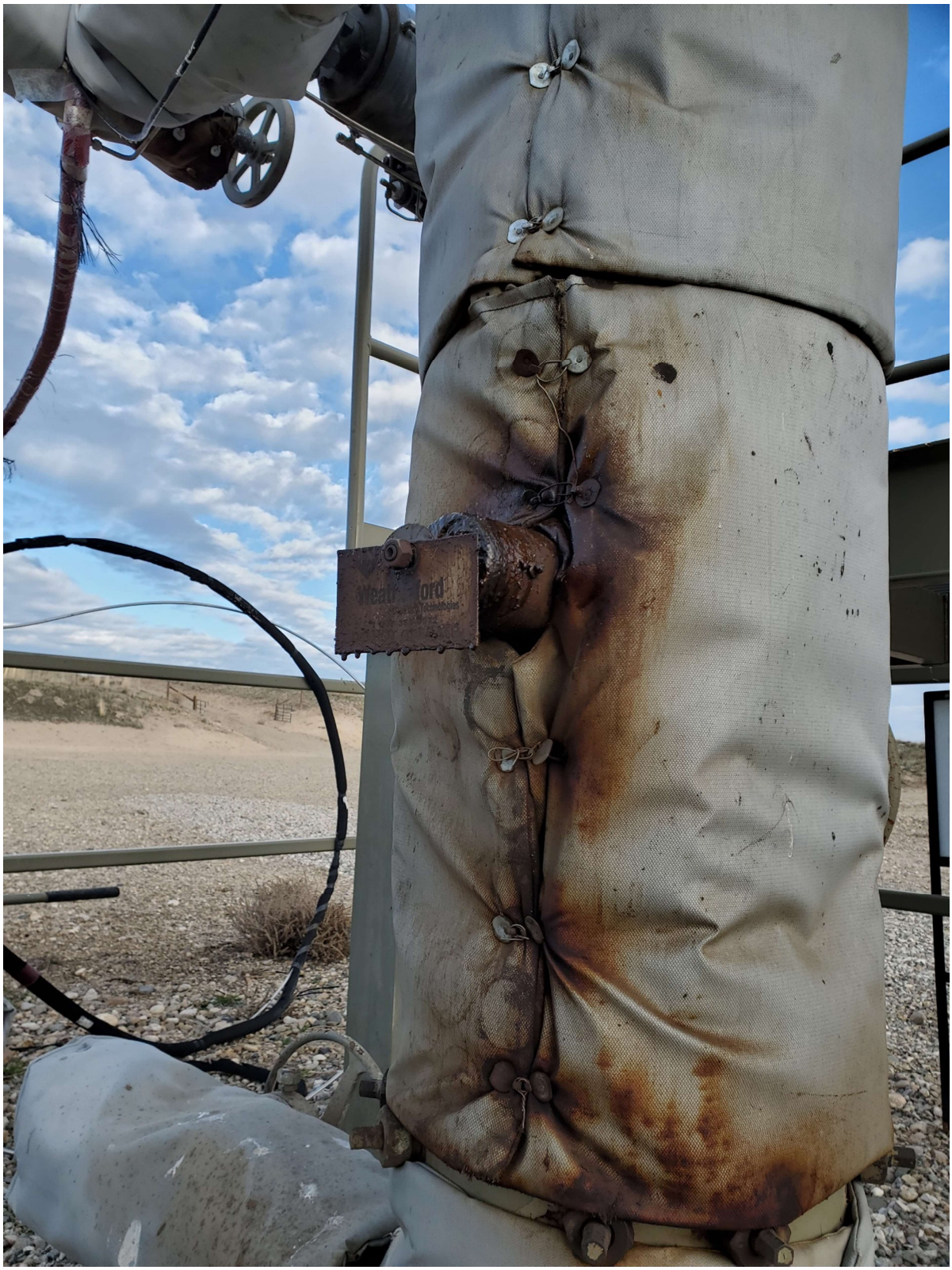
4. Wellhead and inner fencing, view NW. Cellar has been gravel-filled. Note vegetation, oil stained gravel left side, base of wellhead.



5. Detail of lower wellhead and insulation, view S.  Note oil stained gravel, insulation and valve stems.



6. Detail of lower wellhead and insulation, view E.  Note oil stained insulation and valve stems.



7. Detail of lower wellhead and insulation, view E.  Note oil stained insulation and gravel around base of wellhead.