Active Drilling Inspection Form

Section 1: General Information

Operation Data	Inspection Data
Operator Name Snake River Oil + Gas LLC	**Inspector Name** James Thum
Well Name Fallon #1-11, USWN 11-075-20037	**Area Office** Boise / Director's Office
Authorized Contact(s) Nate Caldwell-Operations Manager (870) 904-7305 Clint Harmon-Company Man (713) 822-3167	**Inspection Date** 11/3/2021 In: 6:00 AM Out: 10:00 AM
County Payette	**Report Date** 11/4/2021
Inspector's Signature: /signed/ James Thum **Date of Signature:** 11/5/2021	**Inspection Summary:** ☒ Operation appeared to be in compliance at the time of the inspection. ☐ Issues of concern identified at the time of the inspection.

Location Description:

1 mile NE of Fruitland, north side of Killebrew Road across from Payette Rocks Gravel Quarry. Location is just off the road, in irrigated farmland / pasture. Approximate coordinates from Google maps, Latitude 44.040807, Longitude -116.905884. Weather- cold, 35° F with overcast/fog, winds calm.

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

☐ Well site ☐ Tank Battery ☒ Casing ☐ BOP ☒ Other: Witness surface casing per IDAPA 20.07.02.310.05

If well site, is the well a multiple zone completion? ☒ N/A ☐ 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.

Note: Paul Graham (PG) Rig no. 4 utilizes a closed (tank) mud system

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? *See note 1 ☐ 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? *See note 1 ☒ 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 — IDAPA 20.07.02.301

1. Is the well site fenced? *See note 2 ☒ N/A ☐ Yes ☐ No
(Answer N/A if the well has not been completed and fencing is erected)
A. If yes;
i. Was the fence installed within 60 days of completing the facility? ☐ 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. Are chemicals stored and maintained in accordance with all applicable MSDS requirements? ☐ N/A ☒ Yes ☐ No

3. Are all materials related to operations palletized? ☒ Yes ☐ No

4. Do all vehicles or materials on the site appear to be in use? ☒ Yes ☐ No

5. Is there less than 5% vegetation on site? ☒ Yes ☐ No

6. 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

Section 5: Accidents and Fires — IDAPA 20.07.02.302

1. Is the emergency response plan available for use or inspection? *See note 3 ☒ 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 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? ☐ 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 1.5 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? ☐ 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: Casing — IDAPA 20.07.02.310

What casing string are you inspecting? Surface (Required) Intermediate (Optional) Production (Optional)

1. Do the casing and cement match those approved on the permit and do they conform to API SPEC 5CT and API SPEC 10A? ☒ Yes ☐ No

A. Is the conductor casing length a minimum of 40' below ground surface? ☒ Yes ☐ No

B. Surface Casing. (Surface casing is required to be witnessed by the Dept.)

i. Was IDL notified in writing 72 hours before planned spud activity? ☒ Yes ☐ No

ii. Was IDL notified in writing 24 hours in advance of cementation? ☒ Yes ☐ No

iii. Is the surface casing set to 10% of the proposed total depth of the well? ☒ Yes ☐ No

iv. Is the surface casing seated through a sufficient series of low permeability, competent lithologic units, to insure a solid anchor for BOP equipment and protection of usable ground water? ☒ Yes ☐ No

v. Is the casing cemented solid to surface by pump and plug, displacement, or other approved method? ☒ Yes ☐ No

vi. Were surface samples of cement cured prior to drilling activity continuing? ☒ Yes ☐ No

C. Intermediate Casing. (IDL may witness and document) N/A

i. Was IDL notified in writing 24 hours in advance of cementation? ☐ Yes ☐ No

ii. Was casing run to surface or lapped at least 100' into the next largest casing? ☐ Yes ☐ No

iii. Is casing cemented solidly to surface or the top of the casing? ☐ Yes ☐ No

iv. Was casing cemented and pressure tested before cement plugs were drilling ☐ Yes ☐ No

D. Production Casing. (IDL may witness and document) N/A

i. Was IDL notified in writing 24 hours in advance of cementation? ☐ Yes ☐ No

ii. Was casing run to surface or lapped at least 100' into the next largest casing? ☐ Yes ☐ No

iii. Is casing cemented solidly to surface or the top of the casing? ☐ Yes ☐ No

iv. Was casing cemented and pressure tested before cement plugs were drilling? ☐ Yes ☐ No

v. If the bottom plug will be drilled out, is the open hole interval going to be

completed? ☐ Yes ☐ No

Section 10: BOP — IDAPA 20.07.02.310

1.	Is the BOP the same as the schematic submitted in the drilling permit?	☒ Yes ☐ No
2.	Does the accumulator maintain a pressure capacity reserve that provides for operation of the hydraulic preventers and valves with no outside source?	☒ Yes ☐ No
3.	Is all BOP equipment, choke lines, and manifolds installed above ground level?	☒ Yes ☐ No
4.	If casing heads and spools are installed below ground level, are the visible and accessible?	☒ Yes ☐ No
5.	Does the BOP equipment, and related casing heads and spools have a vertical bore that is no smaller that the inside diameter of the casing to which they are attached?	☒ Yes ☐ No
6.	Does the working pressure rating of the BOP equal or exceed the maximum anticipated pressure to be contained at surface?	☒ Yes ☐ No
7.	Was IDL. advised at least 24 hrs in advance of the BOP test?	☒ Yes ☐ No
8.	Is an affidavit covering the initial pressure tests after installation signed and provided to the Dept?	☒ Yes ☐ No
9.	Have the studs on the well head and BOP flanges been tested every week for tightness?	☒ Yes ☐ No
10.	Are hand wheels for locking screws installed and operational?	☒ Yes ☐ No
11.	Is the entire BOP and well head assembly clean of mud and ice?	☒ Yes ☐ No
12.	Is a drill stem safety valve present with the correct thread for the pipe in use?	☒ Yes ☐ No
13.	Is a drillstem float valve installed in bit sub or as close to bit as reasonably possible?	☒ Yes ☐ No

Section 12: Inspection Comments

Comments and Issues of Concern:

Note 1, Section 3: No lease sign as this is an active drill site. Temporary Paul Graham Drilling and safety signs are located at several points on location, including at the entrance to the well site. There is a guard house at the well pad entrance but it is unoccupied.

Note 2, Section 4: Existing pasture / agricultural fencing on three sides of the well pad; mainly unfenced on north perimeter.

Note 3, Section 5: Emergency Response Plan at Entrance Guard House and Paul Graham doghouse. Because they are a California-based company, the Response Plan is extensive. A summary is also posted outside the doghouse door.

Cement returns 130% witnessed at 9:30 AM both from Resource monitoring screen and at mud tanks.

Section 13: Attachments

List any and all attachments including photos, samples, documents, etc: Resource Cementing cement job workplan from safety meeting, photos of operations.

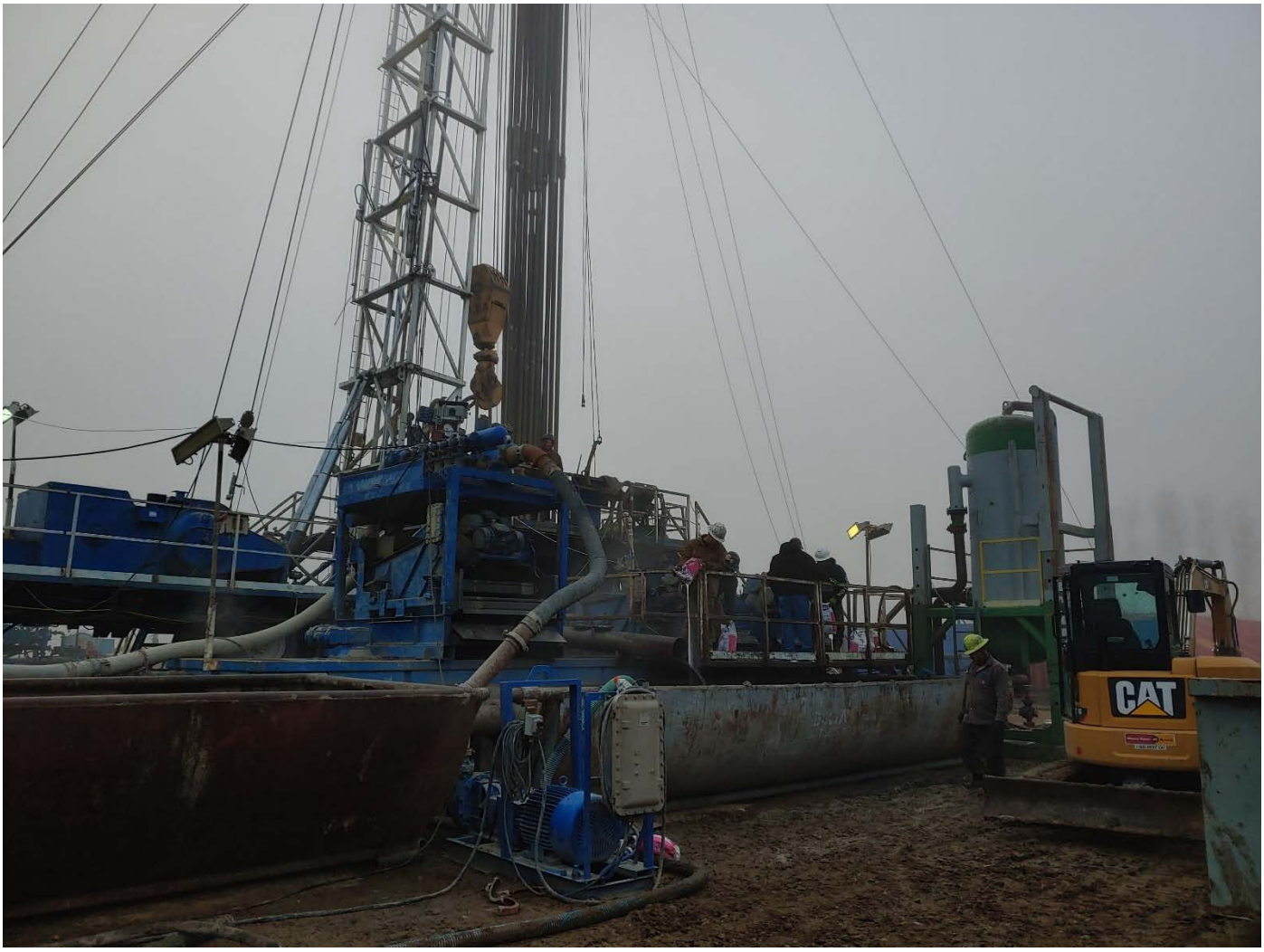
Entrance to wellsite, Paul Graham #4 rig looking NE from Killebrew Road entrance.

Harmon gathering line riser and block valve, entrance to Fallon #1-11 well pad looking N. from Killebrew Rd.

Casing cement bas

Resource Cementing equipment and crews set up for surface casing cement.

Adding sugar to cement returns in mud tank to prevent solidification.



RESOURCE CEMENTING

Snake river Oil & Gas

Fallon #1-11, 9-5/8" Surface Casing

Wednesday, November 03, 2021

Previous Casing: 16" 65lb/ft.; 0 – 120'' MD; ID=15.250"

Open Hole: 12-1/4", 120' – 1185' TMD

Surface Casing: 9-5/8" 36 lb/ft.; 0' – 1169 ' MD; ID=8.921"

Shoe Volume: 42' ft.; MW 8.6 lb/gal

Estimated Job Time: 90 Minuets

1) Hold pre-job safety meeting with everyone on location.
2) Load 9-5/8" Top Plug
3) Prime up pump using the 4% KCl fluid spacer
4) Fill lines **2 BBL** of 4% KCL fluid spacer
5) Pressure test surface lines to **2500 psi**
6) Pump **18 BBLS** of **4% KCl Fluid** Spacer **@ 5 BPM**
7) Mix and Pump **116 BBLS** of **11.0 ppg** **RC Econo-Lite Plus v6** **@ 5 BPM**
8) Mix and Pump **19.4 BBLS** of **14.8 ppg** **RC Surface Tail** **@ 5 BPM**
9) Displace with **87 BBLS** total of **Fresh Water / Drilling Mud** at **5 BPM**
10) Bleed off pressure to Check Floats.
11) Run 1" Top Out tubing to depth below the 16" conductor.
12) Mix and Pump **24 BBLS** of **15.8 ppg** **RC Surface Tail** **@ 3 BPM**
13) **CIP**
14) Wash up Equipment.
15) Break out equipment and depart location safely.

210 Sacks of RC Econo-Lite Cement

116 BBLS (653.1 ft³) – *Surface*

Surface Density: 11.0 lb/gal

Surface Yield: 3.11 ft³/sk

Water Requirement: 13.73 gal/sk

80 Sacks of RC Surface Tail Cement

19.4 BBLS (108.8 ft³) – *Surface*

Surface Density: 14.8 lb/gal

Surface Yield: 1.36 ft³/sk

Water Requirement: 6.42 gal/sk