



## **GBAR-025 Proposed Work Plan / Flare Calculations**

### **PROPOSED SUMMARY OF OPERATIONS:**

1. Retrieve non-return valve.
2. Pressure and function test coil tubing.
3. Wash ESS section with N-VER-PERSO solvent.
4. Offload and clean-up well.
5. Conduct multirate test.
6. Secure well.

### **GBARAN-25 CLEAN-UP & MULTIRATE BEAN-UP SEQUENCE**

A total of ca. 58 MMscf will be flared during this operation during the clean-up and multirate test. The tables below are the bean-up sequences during clean-up and multirate showing the volume of gas produced and flared on each choke opening.

Table 1: Clean-up bean up sequence and estimated gas volumes

<b>Expected Bean size (1/64th)</b>	<b>Gas Rate (MMscf/d)</b>	<b>Assumed WGR (bbl/MMscf)</b>	<b>Expected FTHP (psia)</b>	<b>Flow period (hr)</b>	<b>Gas volume (MMscf)</b>
22	10	0	3971	4	1.7
28	20	0	4866	4	3.3
36	30	0	4882	4	5.0
40	40	0	4897	6	10.0
46	50	0	4875	6	12.5

Table 2: MRT bean up sequence and estimated gas volumes

<b>Expected Bean size (1/64th)</b>	<b>Gas Rate (MMscf/d)</b>	<b>Expected FTHP (psia)</b>	<b>Assumed WGR (stb/MMscf)</b>	<b>Flow period (hr)</b>	<b>Gas volume (MMscf)</b>
22	10	3971	0	4	1.7
28	20	4866	0	4	3.3
36	30	4882	0	4	5.0
40	40	4897	0	4	6.7
46	50	4875	0	4	8.3