

Oil and Gas Company Production Verification Questions

1) Are there any uncertainties—both technical and operational—in measuring the quality and quantity of oil and natural gas? Yes / No

If so, what are they?

- Oil Volume Measurement?
- Oil Quality Measurement?
- Gas Volume Measurement?
- Gas Quality Measurement?

2) What types of production verification activities does your company conduct?

For example:

- Audits? (e.g. use of FlowCal or Pgas, field-wide balancing, others?)
- Witnessing meter calibrations? And if so, what is the frequency?
- Orifice plate inspections? And if so, what is the frequency?
- Witnessing oil sales? And if so, what is the frequency?
- Witnessing gas sample collections or taking split samples? And if so, what is the frequency?
- Others?

3) What are the costs and benefits associated with these production verification activities?

4) What types of production verification activities does your company employ on state and fee lands?

5) What types of production verification activities does your company employ on federal lands?

6) Has your company implemented a self-inspection program for onshore federal leases to insure compliance with BLM's site security requirements? Yes / No

BLM regulations and policies state that companies “shall establish an inspection program for all leases for the purpose of periodically measuring production volumes and assuring that there is compliance with the minimum site security requirements. The program shall include a record of such inspections showing the findings of the inspection and a record of the volume measurements.”

a. If your company has implemented a self-inspection program, could you please describe your company’s program?

b. If your company has implemented a self-inspection program, could you please provide an example for a federal lease?

7) Does your company employ SCADA systems to manage its oil and gas operations? Yes / No If so, how does this affect your production verification programs?

8) What other types of new technologies, if any, are affecting your measurement operations?

9) Are there any measurement policies or practices that the Department of the Interior could enact to facilitate your company's operations on federal leases?

10) Please provide any additional information on oil and gas production verification activities on federal lands you wish to address.