

ED Regulatory Inspector's Contact Report



Case No:

Service Order No:

ED REGULATORY INSPECTOR'S CONTACT REPORT

Name of Company Cuadrilla Resources Ltd

Address

Preston New Road wellsite, Preston FY4.

Date of Visit(s) 3rd & 4th October 2018

Name and Address of Inspector



Unit/Division

ED-6.3, Lord Cullen House, Aberdeen. AB25 3UB

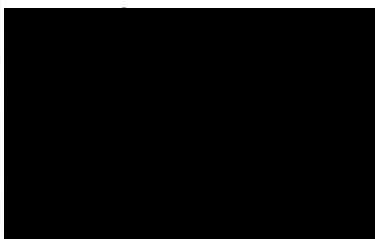
Other Staff Attending



Unit/Division

ED-6.1

Persons Seen



Position

Cuadrilla Resources –
Cuadrilla Resources –
Cuadrilla Resources –
Cuadrilla Resources –
Cuadrilla Resources –
Cuadrilla Resources –
Schlumberger –



Reason for Contact

Inspection of hydraulic fracturing setup at Preston New Road wellsite. At time of inspection, hydraulic stimulation equipment was being installed and commissioned on PNR-1z.

Issues Raised

No visual alarm system on site. Alarm system is audible only and personnel on-site behind the noise wall enclosing the stimulation equipment are unable to hear the alarm.

Only one emergency shower station on location with obstacles and restrictions preventing easy access.

Use of Tertiary muster point and inclusion in on-site Health and Safety document.

BOP Accumulator unit location and orientation.

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Instances of high pressure pipework requiring restraints.

Deviation required for 'shear-seal' BOP testing on PNR-2 whilst micro seismic wireline is installed.

Cuadrilla maintenance and monitoring scheme requires minimum acceptance criteria for testing of pipework/ valves owned by Cuadrilla.

Action Required by Company

Installation of visual alarm system required to enable a secondary means of emergency identification. Current alarm system is via audible means only.

Given the size of the Preston New Road site, more than one emergency shower station is required and should be positioned where there is access without restrictions or obstacles.

Where the primary and secondary muster points are not suitable in an emergency, a tertiary muster point will be provided. This situation needs to be described in the Health and Safety Document including the provision for an incident commander and demonstrate how the use of a tertiary muster point will be made known to personnel on site.

The accumulators for the well control equipment on site should be positioned and orientated such that in the event of an incident, they provide some form of protection to personnel when activating the BOPs from the accumulator remote panel.

Whilst some high pressure pipework had appropriate restraints, there were examples of pipework with no restraints in place. It was noted that the restraints had been ordered and were awaiting delivery. These should be installed prior to high pressure pumping or testing operations.

A deviation from Cuadrilla Standards is required for the testing of the shear-seal BOP installed on PNR-2 whilst the micro-seismic geophones are installed.

Cuadrilla should review the maintenance and monitoring scheme to ensure that there is a minimum acceptance criteria which is set with respect to the Cuadrilla owned high pressure pipework.

Action by HSE

Continue dialogue with well operator on the operations being conducted at Preston New Road.

Author

[REDACTED]

[REDACTED]

Date of Report: 8th October 2018

Copies to:

[REDACTED]