

1625 Broadway  
Suite 2200  
Denver, CO 80202

Tel: 303.228-4000  
Fax: 303.228-4280

www.nobleenergyinc.com



October 18, 2012

Mr. Steve Lindblom  
Department Of Natural Resources  
Oil & Gas Conservation Commission  
1120 Lincoln St., Suite 801  
Denver CO 80203-2136

RE: Form 19  
Keller 20-2 Tank Battery  
API 05-123-16606  
Facility#328908  
NWNE Sec. 20, T2N R64W  
Weld County, Colorado

Dear Mr. Lindblom:

Please find attached a Form 19 for the Keller 20-2 Tank Battery, which includes a request for a reduced Table 9:10 sampling plan due to the type of spill involving condensate and produced water.

Noble Energy Inc. would like to claim business confidentiality protection for the information submitted in this letter, the supporting materials attached and all previous and subsequent correspondence related to this matter. Please contact the Noble Energy Environmental Department at (720)587-2026 if you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jacob Evans', with a long horizontal flourish extending to the right.

Jacob Evans  
Senior Environmental Specialist

Attachments

FORM

19

Rev 6/99



02230897

# State of Colorado Oil and Gas Conservation Commission



1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax: (303)894-2109

FOR OGCC USE ONLY

## SPILL/RELEASE REPORT

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

Spill report taken by:

FACILITY ID:

### OPERATOR INFORMATION

Name of Operator: Noble Energy, Inc. OGCC Operator No: 10120Address: 1625 Broadway Suite 2200City: Denver State: CO Zip: 80202Contact Person: Jacob Evans

Phone Numbers

No: 720-587-2026Fax: 303-228-4286E-Mail: jevans@nobleenergyinc.com

### DESCRIPTION OF SPILL OR RELEASE

Date of Incident: 10/16/2012 Facility Name & No.: Keller 328908Type of Facility (well, tank battery, flow line, pit): Tank BatteryWell Name and Number: Keller 20-2 (well related to facility where spill occurred)API Number: 05-123-16606 for Keller 20-2 well head facility location number 328908County: WeldQtrQtr: NWNE Section: 20Township: 2N Range: 64WMeridian: 6PM

Specify volume spilled and recovered (in bbls) for the following materials:

Oil spilled: TBD Oil recov'd: 0 Water spilled: TBD Water recov'd: 0 Other spilled: NA Other recov'd: NAGround Water impacted? ☒ Yes ☐ NoSurface Water impacted? ☐ Yes ☒ NoContained within berm? ☐ Yes ☒ NoArea and vertical extent of spill: TBD xCurrent land use: AgricultureWeather conditions: Clear and WarmSoil/geology description: Colby Loam 1-3% slopesIF LESS THAN A MILE, report distance IN FEET to nearest.... Surface water: 380' E wetlands: 255' E buildings: 750' WLivestock: NA water wells: 560NW Depth to shallowest ground water: 6'Cause of spill (e.g., equipment failure, human error, etc.): Equipment Failure Detailed description of the spill/release incident:Roustabout crew discovered impact to soil and groundwater during a battery upgrade

### CORRECTIVE ACTION

Describe immediate response (how stopped, contained and recovered):

All production was stopped prior to work being performed at the tank battery

Describe any emergency pits constructed:

NA

How was the extent of contamination determined:

A future site assessment will be conducted using a direct push geoprobe to delineate groundwater and soil impacts. Soil and groundwater samples will be collected in order to define the scope and size of the soil and groundwater plume

Further remediation activities proposed (attach separate sheet if needed):

Future remediation activities will be proposed following the site assessment; Noble requests a reduced table 9 10 sampling plan, being a condensate and produced water spill, Noble proposes sampling TPH-DRO, TPH-GRO, Benzene, Ethylbenzene, Toluene, Total Xylenes (BTEX) at the highest PID reading in soil and BTEX in all groundwater. Noble will also assess inorganics at the source spill point due to the produced water spill; one sample will be collected for EC, pH, and SAR from 0-3 feet below ground surface at the source point

Describe measures taken to prevent problem from reoccurring:

New production equipment will be installed during battery upgrade.

### OTHER NOTIFICATIONS

List the parties and agencies notified (County, BLM, EPA, DOT, Local Emergency Planning Coordinator or other).

Date	Agency	Contact	Phone	Response
10/17/2012	Noble Cons/Production	Noble Land Department	970-304-5000	land department to contact land owner
10/17/2012	COGCC	Steve Lindblom	303-894-2100 ext.5114	Jacob Evans notified Steve by phone and email about spill
10/18/2012	COGCC	Steve Lindblom		

Spill/Release Tracking No: 2230897

## Keller 20-2

