

**FORM INSP**  
Rev 05/11

**State of Colorado  
Oil and Gas Conservation Commission**

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



DE	ET	OE	ES
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Inspection Date:  
06/20/2014

Document Number:  
667400418

Overall Inspection:

**ACTION REQUIRED**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>322743</u>	<u>322743</u>	<u>ALLISON, RICK</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number:	<u>100322</u>
Name of Operator:	<u>NOBLE ENERGY INC</u>
Address:	<u>1625 BROADWAY STE 2200</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED
- INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

**Contact Information:**

Contact Name	Phone	Email	Comment
Barbare, Heather	970-304-6415	hbarbare@weldgov.com	Weld County Dept of Environment
AXELSON, JOHN		john.axelson@state.co.us	COGCC Environmental Supervisor
Evans, Jacob	303-328-5605	jevans@nobleenergyinc.com	Noble Environmental

**Compliance Summary:**

QtrQtr: SENW Sec: 36 Twp: 6N Range: 67W

**Inspector Comment:**

*COGCC Environmental Staff inspection in response to verbal notification of a spill/release. See comments at the end of this report.*

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
244187	WELL	PR	12/04/2003	OW	123-11980	STATE 7-36	EI <input checked="" type="checkbox"/>

**Equipment:**

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location**

**Lease Road:**

Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access	<b>ACTION REQUIRED</b>	Road damage from Spring runoff flooding	Repair road for adequate access	07/04/2014

Emergency Contact Number (S/A/V): SATISFACTORY

Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

<b>Equipment:</b>					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Emission Control Device	1	SATISFACTORY			
Horizontal Heated Separator	2	SATISFACTORY			
Gas Meter Run	2	SATISFACTORY			

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	<100 BBLS	BV CONCRETE	,
S/A/V:	ACTION REQUIRED		Comment: Buried concrete produced water vault is full	
Corrective Action:	Remove fluids from produced water vault			Corrective Date: 06/21/2014

**Paint**

Condition	
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action				Corrective Date
Comment				

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	100 BBLS	PBV FIBERGLASS	,
S/A/V:	SATISFACTORY		Comment: PB fiberglass produced water vault is approximately half full. Tank is anchored.	
Corrective Action:				Corrective Date:

**Paint**

Condition	
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action				Corrective Date
Comment				

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	2	300 BBLS	STEEL AST	,

S/AV: **ACTION REQUIRED** Comment: **A fitting on one of the two product tanks was damaged when the tank settled. Product loss resulted from the damaged fitting. Both tanks are anchored.**

Corrective Action: **Remove remaining produced fluids from tanks** Corrective Date: **06/25/2014**

**Paint**

Condition

Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
Comment			

**Venting:**

Yes/No	Comment
NO	

**Flaring:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 322743

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/AV:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

**S/AV:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

**S/AV:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Stormwater:**

**Comment:** \_\_\_\_\_

**Staking:**

**On Site Inspection (305):**

Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

**Facility**

Facility ID: 244187 Type: WELL API Number: 123-11980 Status: PR Insp. Status: EI

**Environmental**

**Spills/Releases:**

Type of Spill: OIL Description: \_\_\_\_\_ Estimated Spill Volume: 178

Comment: A spill was reported by the operator on 6/20/2014. The spill impacted the Poudre River and originated from a broken fitting on the crude oil tank. Floodwater has washed out the secondary containment berm and has undermined the foundation of the crude oil tank causing the tank to settle and damage a fitting. Most of the oil appears to have been lost downstream. Flood water has receded. There is no active release.

Corrective Action: continue removal of luquid hydrocarbons Date: 06/23/2014

Reportable: YES GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_

Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well:**

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_

Emission Control Burner (ECB): \_\_\_\_\_

Comment: \_\_\_\_\_

Pilot: \_\_\_\_\_ Wildlife Protection Devices (fired vessels): \_\_\_\_\_

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: \_\_\_\_\_

Comment: \_\_\_\_\_

1003a. Debris removed? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Waste Material Onsite? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? \_\_\_\_\_

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_

Cuttings management: \_\_\_\_\_

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? \_\_\_\_\_

Production areas have been stabilized? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

**RESTORATION AND REVEGETATION**

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment:

Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: \_\_\_\_\_

Reminder: \_\_\_\_\_

Comment:

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed \_\_\_\_\_ Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_ Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ Cropland: perennial forage \_\_\_\_\_

Weeds present \_\_\_\_\_ Subsidence \_\_\_\_\_

Comment:

Corrective Action:  Date \_\_\_\_\_

Overall Final Reclamation \_\_\_\_\_ Well Release on Active Location  Multi-Well Location

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

S/A/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Comment:

CA:

**Pits:**  NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
<p>COGCC Environmental Staff responded to the Operator's verbal notification of a spill of crude oil. Onsite personnel included Noble personnel, Custom Environmental (emergency response for Noble), and Eagle Environmental (consultant for Noble). Onsite responding agencies included EPA, Weld County Department of Health and Environment and the COGCC.</p> <p>The release was sourced at a 300 bbl steel AST containing crude oil. This is one of two steel product ASTs on location. It appears the AST was undercut but it is upright and the release occurred at a fitting on the tank ancillary piping. The second AST and its ancillary piping maintained integrity. The Operator plans to evacuate the remaining product by mid-day 6/21/2014.</p> <p>Remaining site impacts include saturated vegetation and one standing body of water in the wetland between the Poudre River channel and the tank battery. Some water had been removed from the low area the afternoon of 6/20/2014. No free product is present on water at this time. Water levels have receded below bankfull at this location. The described areas are ~500 feet downgradient of the tank battery.</p> <p>The EPA plans continued response on Saturday 6/21/2014.</p>	allisonr	06/23/2014

**Attached Documents**

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
667400420	Damaged fitting on AST	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3370915">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3370915</a>
667400421	View of tank battery from southwest corner	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3370916">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3370916</a>
667400422	Impacted vegetation adjacent the tank battery	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3370917">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3370917</a>
667400423	View of low area where downstream from source	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3370918">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3370918</a>
667400424	Map of spill observations	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3370919">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3370919</a>