

**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

Inspection Date:

07/29/2016

Document Number:

684901842

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	413969	413969	Pesicka, Conor	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 100322Name of Operator: NOBLE ENERGY INCAddress: 1625 BROADWAY STE 2200City: DENVER State: CO Zip: 80202

- ☐ 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
		NBL_DJBU_Inspections@NB LENERGY.COM	All Inspections

Compliance Summary:QtrQtr: SWNW Sec: 32 Twp: 6N Range: 62W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
08/04/2015	673502611			ACTION REQUIRED			No

Inspector Comment:

Site is just coming online, so excess equipment includes frac tanks for produced water and sand traps on separators. Both will be removed as they are no longer needed.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
412486	WELL	PR	07/23/2010	OW	123-30489	WELLS RANCH AE 32-05	PR	<input type="checkbox"/>
442204	WELL	DG	09/15/2015	LO	123-41722	Wells Ranch AE32-670	PR	<input checked="" type="checkbox"/>
442207	WELL	DG	09/01/2015	LO	123-41725	Wells Ranch AE32-635	PR	<input checked="" type="checkbox"/>
442208	WELL	DG	09/08/2015	LO	123-41726	Wells Ranch AE32-665	PR	<input checked="" type="checkbox"/>
442209	WELL	DG	09/06/2015	LO	123-41727	Wells Ranch AE32-640	PR	<input checked="" type="checkbox"/>
442210	WELL	DG	09/15/2015	LO	123-41728	Wells Ranch AE32-645	PR	<input checked="" type="checkbox"/>
442211	WELL	DG	09/22/2015	LO	123-41729	Wells Ranch AE32-650	PR	<input checked="" type="checkbox"/>
442212	WELL	DG	09/01/2015	LO	123-41730	Wells Ranch AE32-655	PR	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Inspector Name: Pesicka, Conor

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>8</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: <u>15</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: <u>1</u>	Pump Jacks: <u>8</u>
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: <u>4</u>	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: <u>1</u>	Flare: _____	Fuel Tanks: _____

Location

Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
CONTAINERS	SATISFACTORY	H2S scavenger, corrosion inhibitor, coolant, engine oil, methanol, defoamer		
BATTERY	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			
WELLHEAD	SATISFACTORY			

Emergency Contact Number (S/AR): SATISFACTORY Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Spills:

Type	Area	Volume	Corrective action	CA Date

☐ Multiple Spills and Releases?

Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY	agricultural *8		

Equipment:

Type: Horizontal Separator	# 1	Satisfactory/Action Required: SATISFACTORY
Comment	Surge vessel	
Corrective Action	Date: _____	
Type: Vertical Separator	# 15	Satisfactory/Action Required: SATISFACTORY
Comment		

Corrective Action		Date:
Type: LACT	# 2	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action		Date:
Type: Gas Meter Run	# 6	Satisfactory/Action Required: SATISFACTORY
Comment 3 gas lift, 1 VRU/surge, 1 sales, 1 buyback		
Corrective Action		Date:
Type: Bird Protectors	# 15	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action		Date:
Type: Plunger Lift	# 8	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action		Date:
Type: Ancillary equipment	# 11	Satisfactory/Action Required: SATISFACTORY
Comment pumps - 6 methanol, 3 corrosion inhibitor, 1 H2S scavenger, 1 defoamer		
Corrective Action		Date:
Type: Dehydrator	# 1	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action		Date:
Type: Other	# 13	Satisfactory/Action Required: SATISFACTORY
Comment Sand traps		
Corrective Action		Date:
Type: Compressor	# 1	Satisfactory/Action Required: SATISFACTORY
Comment Gas lift and sales		
Corrective Action		Date:
Type: Other	# 20	Satisfactory/Action Required: SATISFACTORY
Comment Frac tanks for produced water		
Corrective Action		Date:
Type: Horizontal Heated Separator	# 15	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action		Date:
Type: Ancillary equipment	# 2	Satisfactory/Action Required: SATISFACTORY
Comment generators		
Corrective Action		Date:
Type: Ancillary equipment	# 4	Satisfactory/Action Required: SATISFACTORY
Comment containers - 2 coolant, 2 engine oil		
Corrective Action		Date:
Type: Ancillary equipment	# 1	Satisfactory/Action Required: SATISFACTORY

Inspector Name: Pesicka, Conor

Comment	Solar & telemetry		
Corrective Action			Date:
Type: VRU	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Gas Meter Run	# 20	Satisfactory/Action Required:	SATISFACTORY
Comment	15 apportioned, 5 lift		
Corrective Action			Date:

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	1	300 BBLS	STEEL AST	40.443420,-104.354390

S/AR	SATISFACTORY	Comment:	maintenance tank
Corrective Action:			Corrective Date:

Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action			Corrective Date
Comment			

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	<50 BBLS	PBV PLASTIC	40.443930,-104.355470

S/AR	SATISFACTORY	Comment:	
Corrective Action:			Corrective Date:

Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) 10bbl _____

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

Inspector Name: Pesicka, Conor

PRODUCED WATER	1	<100 BBLs	PBV CONCRETE	40.443730,-104.355440
S/AR	SATISFACTORY	Comment:		
Corrective Action:				Corrective Date:
<u>Paint</u>				
Condition	Adequate			
Other (Content) _____				
Other (Capacity) 60bbl _____				
Other (Type) _____				
<u>Berms</u>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment				

<u>Venting:</u>	
Yes/No	NO
Comment	

<u>Flaring:</u>	
Type	Satisfactory/Action Required
Comment:	
Corrective Action:	Correct Action Date:

<u>Predrill</u>			
Location ID: 413969			
Lease Road Adeq.:	Pads:	Soil Stockpile:	
<u>S/AR:</u>			
Corrective Action:		Date:	CDP Num.:

Form 2A COAs:

Group	User	Comment	Date
OGLA	andrewsd	Operator shall minimize post-completion disturbance per Rule 1003.	06/09/2015
OGLA	andrewsd	Operator shall minimize total area disturbed for this Oil and Gas Location disturbance size, consistent with Rule 1002.d. and 1002.e.	06/09/2015
OGLA	andrewsd	Operator shall provide notice to COGCC 48 hours prior to commencing construction of this Oil and Gas Location via Form 42. Please note that this notice is now required under Rule 316C.c.	06/09/2015

<u>S/AR:</u>	<u>Comment:</u>
<u>CA:</u>	<u>Date:</u>

Wildlife BMPs:

BMP Type	Comment
Storm Water/Erosion Control	STORM WATER/EROSION CONTROL: Stormwater management plans (SWMP) are in place to address construction, drilling and operations associated with Oil & Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE) General Permit No. COR-038637. BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. BMP's used will vary according to the location, and will remain in place until the pad reaches final reclamation.
Material Handling and Spill Prevention	Spill prevention Control and Countermeasures (SPCC) plans are in place to address any possible spill associated with Oil & Gas operations throughout the state of Colorado in accordance with CFR 112.
Drilling/Completion Operations	WATER VAULT BMP: 1. A contiguous spray liner will be installed and will underlay the entire tank battery. The location of a partially buried cement water vault will be excavated prior to liner install. 2. A 60 bbl cement water vault will be utilized to collect excess produced water from oil tanks. Produced water in the vault will be removed as needed and disposed of in an approved UIC disposal well. The cement water vault is one piece with no seams designed to minimize potential for leaks. All piping associated with the use of the water vault will be aboveground and visually inspected on a regular basis. 3. The partially buried cement water vault will be installed above the spray in liner. 4. A sized steel secondary containment ring will be installed surrounding the entire tank battery. Sand and gravel bedding will be installed to protect the liner prior to placing equipment in the containment area.
General Housekeeping	GENERAL HOUSEKEEPING: Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup of trash and discarded materials will be conducted at the end of each work day. Cleanup will consist of patrolling the roadway, access areas, and other work areas to pickup trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly.

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

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: _____

Inspector Name: Pesicka, Conor

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 442204 Type: WELL API Number: 123-41722 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 442207 Type: WELL API Number: 123-41725 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 442208 Type: WELL API Number: 123-41726 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 442209 Type: WELL API Number: 123-41727 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 442210 Type: WELL API Number: 123-41728 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 442211 Type: WELL API Number: 123-41729 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 442212 Type: WELL API Number: 123-41730 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Environmental**Spills/Releases:**

Type of Spill: Description: Estimated Spill Volume:

Comment:

Corrective Action: Date:

Reportable: 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): N

Comment: Gas to cpf

Pilot: Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: Date Interim Reclamation Completed:

Land Use: RANGELAND

Comment:

Inspector Name: Pesicka, Conor

1003a. Waste and Debris removed? Pass

CM _____

CA _____

CA Date _____

Unused or unneeded equipment onsite? Pass

CM _____

CA _____

CA Date _____

Pit, cellars, rat holes and other bores closed? Pass

CM _____

CA _____

CA Date _____

Guy line anchors marked? _____

CM _____

CA _____

CA Date _____

1003b. Area no longer in use? In

Production areas stabilized ? Pass

1003c. Compacted areas have been cross ripped? _____

1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass

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: RANGELAND

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: _____

Inspector Name: Pesicka, Conor

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
Gravel	Pass	Gravel	Pass			
Berms	Pass					
Seeding	Pass					
Ditches	Pass					

S/A/V: SATISFACTOR
Y _____

Corrective Date: _____

Comment: _____

CA: _____

Pits: ☒ NO SURFACE INDICATION OF PIT