Inspector Name: Pesicka, Conor

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

FIELD INSPECTION FORM

Inspection Date: 07/22/2016
Document Number: 684901823
Overall Inspection: SATISFACTORY

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	441911	441911	Pesicka, Conor	☐	

Operator Information:

OGCC Operator Number: 100322
Name of Operator: NOBLE ENERGY INC
Address: 1625 BROADWAY STE 2200
City: 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@NBLENERGY.COM	All Inspections

Compliance Summary:

QtrQtr: SWSE Sec: 22 Twp: 9N Range: 58W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
441907	WELL	PR	05/26/2016	LO	123-41561	Gracie LD22-720	PR	☒
441908	WELL	DG	08/17/2015	LO	123-41562	Gracie LD22-730	PR	☒
441909	WELL	PR	12/21/2015	LO	123-41563	Gracie LD22-740	PR	☒
441910	WELL	PR	12/21/2015	LO	123-41564	Gracie LD22-750	PR	☒

Equipment: Location Inventory

Special Purpose Pits:		Drilling Pits:		Wells:	4	Production Pits:	
Condensate Tanks:		Water Tanks:	10	Separators:	12	Electric Motors:	
Gas or Diesel Mortors:		Cavity Pumps:		LACT Unit:	1	Pump Jacks:	4
Electric Generators:		Gas Pipeline:		Oil Pipeline:		Water Pipeline:	
Gas Compressors:	6	VOC Combustor:	10	Oil Tanks:	16	Dehydrator Units:	
Multi-Well Pits:		Pigging Station:	1	Flare:	1	Fuel Tanks:	

Location

Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date

Inspector Name: Pesicka, Conor

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	SATISFACTORY			
CONTAINERS	SATISFACTORY	methanol, emulsion breaker, engine oil, coolant		
BATTERY	SATISFACTORY			
WELLHEAD	SATISFACTORY	all wellheads		

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

☐ Multilple Spills and Releases?

Fencing/:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY	agricultural * 4		

Equipment:				
Type: Gas Meter Run	# 13	Satisfactory/Action Required:	SATISFACTORY	
Comment	1 sales, 1 buyback, 1 VRU, 6 apportioned, 4 gas lift			
Corrective Action			Date:	
Type: LACT	# 1	Satisfactory/Action Required:	SATISFACTORY	
Comment				
Corrective Action			Date:	
Type: Emission Control Device	# 8	Satisfactory/Action Required:	SATISFACTORY	
Comment				
Corrective Action			Date:	
Type: Veritcal Heater Treater	# 1	Satisfactory/Action Required:	SATISFACTORY	
Comment				
Corrective Action			Date:	
Type: Ancillary equipment	# 5	Satisfactory/Action Required:	SATISFACTORY	
Comment	pumps - 3 methanol, 1 emulsion breaker, 1 corrosion inhibitor			
Corrective Action			Date:	
Type: Bird Protectors	# 15	Satisfactory/Action Required:	SATISFACTORY	

Comment			
Corrective Action			Date:
Type: VRU	# 2	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Dehydrator	# 2	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Vertical Separator	# 7	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: VRT	# 2	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Ancillary equipment	# 2	Satisfactory/Action Required:	SATISFACTORY
Comment	generators		
Corrective Action			Date:
Type: Compressor	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	gas lift		
Corrective Action			Date:
Type: Ancillary equipment	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	Solar and Telemetry		
Corrective Action			Date:
Type: Ancillary equipment	# 5	Satisfactory/Action Required:	SATISFACTORY
Comment	containers - 1 emulsion breaker, 2 engine oil, 2 coolant		
Corrective Action			Date:
Type: Flare	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Plunger Lift	# 4	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Horizontal Heated Separator	# 6	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	<100 BBLS	PBV CONCRETE	40.731030,-103.848900

Inspector Name: Pesicka, Conor

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

Paint

Condition	Adequate

Other (Content)

Other (Capacity) 60bbl

Other (Type)

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficent	Base Sufficient	Adequate

Corrective Action		Corrective Date	
Comment			

Facilities: New Tank Tank ID:

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	<100 BBLS	PBV CONCRETE	40.730600,-103.848940

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

Paint

Condition	Adequate

Other (Content)

Other (Capacity) 60bbl

Other (Type)

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficent	Base Sufficient	Adequate

Corrective Action		Corrective Date	
Comment			

Facilities: New Tank Tank ID:

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	<100 BBLS	PBV CONCRETE	40.730700,-103.848010

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

Paint

Condition	Adequate

Other (Content)

Other (Capacity) 60bbl

Other (Type)

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficent	Base Sufficient	Adequate

Corrective Action		Corrective Date	

Inspector Name: Pesicka, Conor

Comment	

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	1	300 BBLS	STEEL AST	40.730220,-103.848300

S/AR	SATISFACTORY	Comment:	maintenance tank

Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

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

Corrective Action		Corrective Date	
Comment			

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	500 BBLS	FIBERGLASS AST	40.730730,-103.849330

S/AR	SATISFACTORY	Comment:	

Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

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

Corrective Action		Corrective Date	
Comment			

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	8	500 BBLS	STEEL AST	40.730710,-103.848920

S/AR	SATISFACTORY	Comment:	

Corrective Action:		Corrective Date:	

Paint

Condition	Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Inspector Name: Pesicka, Conor

Berms

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

Corrective Action		Corrective Date	
Comment			

Venting:

Yes/No	NO
Comment	

Flaring:

Type	Field Flare	Satisfactory/Action Required	SATISFACTORY
Comment:			
Corrective Action:		Correct Action Date:	

Predrill

Location ID: 441911

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/AR: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
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.	05/11/2015
OGLA	andrewsd	Operator shall minimize total area disturbed for this Oil and Gas Location disturbance size, consistent with Rule 1002.d. and 1002.e.	05/11/2015
OGLA	andrewsd	Operator shall minimize post-completion disturbance per Rule 1003.	05/11/2015
OGLA	andrewsd	Unnecessary or excessive flaring is prohibited. Operator shall direct all salable quality gas to a sales line as soon as practicable or be shut in and conserved per Rule 805.b.(3)B.v.	05/11/2015

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

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
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 and maintained until the pad reaches final reclamation.

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.
Construction	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.
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.

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: _____

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Inspector Name: Pesicka, Conor

Facility ID: 441907 Type: WELL API Number: 123-41561 Status: PR Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 441908 Type: WELL API Number: 123-41562 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 441909 Type: WELL API Number: 123-41563 Status: PR Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 441910 Type: WELL API Number: 123-41564 Status: PR 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:

Lat Long

DWR Receipt Num: Owner Name: GPS :

Field Parameters:

Inspector Name: Pesicka, Conor

Sample Location:

Emission Control Burner (ECB): Y

Comment:

Pilot: ON Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: Date Interim Reclamation Completed:

Land Use: RANGELAND

Comment:

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

Inspector Name: Pesicka, Conor

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
Gravel	Pass	Gravel	Pass			
Berms	Pass					
Ditches	Pass					

S/A/V: SATISFACTORY Corrective Date: _____

Comment:

CA:

Pits: ☒ NO SURFACE INDICATION OF PIT