

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



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Inspection Date:
05/14/2013

Document Number:
663801022

Overall Inspection:
Satisfactory

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>414880</u>	<u>414880</u>	<u>LONGWORTH, MIKE</u>	<input type="checkbox"/>	

Operator Information:

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

Contact Information:

Contact Name	Phone	Email	Comment
Bonkiewicz, Mike	970-625-1494	mbonkiewicz@nobleenergyinc.com	District Manager

Compliance Summary:

QtrQtr: SWNW Sec: 20 Twp: 7S Range: 94W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
414827	WELL	XX	12/11/2009	LO	045-18924	LONG 20-12C (20F)	X
414831	WELL	XX	12/11/2009	LO	045-18925	LONG 20-23C (20F)	X
414832	WELL	XX	12/11/2009	LO	045-18926	RULISON FEDERAL 20-11D (20F)	X
414837	WELL	XX	12/11/2009	LO	045-18927	LONG 20-23B (20F)	X
414843	WELL	XX	12/11/2009	LO	045-18928	RULISON FEDERAL 20-32C (20F)	X
414851	WELL	XX	12/11/2009	LO	045-18929	RULISON FEDERAL 20-32D (20F)	X
414854	WELL	XX	12/11/2009	LO	045-18930	RULISON FEDERAL 20-32A (20F)	X
414857	WELL	XX	12/11/2009	LO	045-18931	LONG 20-12B (20F)	X
414858	WELL	XX	12/11/2009	LO	045-18932	LONG 20-22A (20F)	X
414865	WELL	XX	12/11/2009	LO	045-18933	RULISON FEDERAL 20-21D (20F)	X
414866	WELL	XX	12/11/2009	LO	045-18934	LONG 20-23D (20F)	X
414869	WELL	XX	12/11/2009	LO	045-18935	LONG 20-22B (20F)	X
414876	WELL	XX	12/11/2009	LO	045-18936	LONG 20-22C (20F)	X
414883	WELL	XX	12/11/2009	LO	045-18937	RULISON FEDERAL 20-32B (20F)	X
414888	WELL	XX	12/11/2009	LO	045-18938	LONG 20-12A (20F)	X
414893	WELL	XX	12/11/2009	LO	045-18939	LONG 20-13A (20F)	X
414902	WELL	XX	12/11/2009	LO	045-18940	LONG 20-22D (20F)	X
414903	WELL	XX	12/11/2009	LO	045-18941	LONG 20-23A (20F)	X

414905	WELL	XX	12/11/2009	LO	045-18942	LONG 20-12D (20F)	X
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Equipment: Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>19</u>	Production Pits: _____
Condensate Tanks: <u>8</u>	Water Tanks: <u>3</u>	Separators: <u>8</u>	Electric Motors: _____
Gas or Diesel Mortors: <u>2</u>	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: <u>2</u>	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>1</u>	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: <u>1</u>	Flare: _____	Fuel Tanks: _____

Location

Lease Road:

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory			

Signs/Marker:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
BATTERY	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory Corrective Date: _____
 Comment: _____
 Corrective Action: _____

Spills:

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

Fencing/:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
LOCATION	Satisfactory			

Equipment:

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Horizontal Heated Separator	12	Satisfactory	3quad separators not in service		
Ancillary equipment	11	Satisfactory	400 bbl tanks not in service		

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 414880

Site Preparation:

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

Corrective Action: _____

Date: _____

CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
Agency	liny	<p>OIL AND GAS LOCATION ASSESSMENT (OGLA) Project Rulison Conditions of Approval (COAs): (14) COMPLY WITH ALL DOE OFFICE OF LEGACY MANAGEMENT REQUESTS FOR SAMPLING AND ANALYSIS OF NATURAL GAS AND OTHER MATERIALS ASSOCIATED WITH DRILLING AND PRODUCTION. (23) OPERATOR MUST ENSURE 150 PERCENT SECONDARY CONTAINMENT FOR ANY VOLUME OF FLUIDS CONTAINED AT WELL SITE DURING DRILLING AND COMPLETION OPERATIONS. IF FLUIDS ARE CONVEYED VIA PIPELINE, OPERATOR MUST IMPLEMENT BEST MANAGEMENT PRACTICES TO CONTAIN ANY UNINTENTIONAL RELEASE OF FLUIDS. (25C) FLOWBACK TO TANKS ONLY. SUBMIT A SECONDARY AND TERTIARY CONTAINMENT PLAN VIA SUNDRY NOTICE FORM 4 FOR THE TANKS. ATTN: CHRIS CANFIELD. OBTAIN APPROVAL OF THE PLAN PRIOR TO FLOWBACK. (28) ALL MATERIALS REMOVED FOR SETTING THE CONDUCTOR OR FOR ANY OTHER EXCAVATION ON THIS SITE MUST BE SCREENED FOR GAMMA EMITTERS. IF ANY GAMMA EMITTER DETECTION ABOVE BACKGROUND IS ENCOUNTERED, THE OPERATOR MUST ISOLATE THE MATERIALS AND CONTACT COGCC, CDPHE, AND DOE FOR FURTHER INSTRUCTIONS. (31) PRODUCED WATER FROM THIS LOCATION MAY NOT BE TRANSPORTED TO OR RE-USED AT ANOTHER LOCATION WITHOUT SPECIFIC WRITTEN APPROVAL FROM COGCC AND ONLY AFTER ANALYSIS CONFIRMS COMPLIANCE WITH THE RULISON SAP. (32) DRILL SOLIDS AND CUTTINGS FROM THIS LOCATION MAY NOT BE TRANSPORTED TO, DISPOSED OF OR RE-USED AT ANOTHER LOCATION WITHOUT SPECIFIC WRITTEN APPROVAL FROM COGCC AND ONLY AFTER ANALYSIS CONFIRMS COMPLIANCE WITH THE RULISON SAP. (33) A CLOSED LOOP MUD SYSTEM SHALL BE UTILIZED TO ENSURE CONTAINMENT OF ALL MATERIALS THAT HAVE BEEN IN CONTACT WITH DOWNHOLE STRATA AND FLUIDS. ALL CUTTINGS AND FRESH MAKE UP WATER STORAGE PITS SHALL BE LINED TO ENSURE CONTAINMENT. CONTOUR FEATURES, FRENCH DRAINS AND OTHER STORMWATER BMPs AS NECESSARY SHALL BE EMPLOYED TO ENSURE SITE INTEGRITY. (34) NO INDIVIDUAL OPERATOR SHALL UTILIZE MORE THAN ONE RIG WITHIN ONE MILE OF THE PROJECT RULISON BLAST SITE AT ANY GIVEN TIME AND NO INDIVIDUAL OPERATOR SHALL UTILIZE MORE THAN TWO RIGS WITHIN A THREE MILE RADIUS OF THE SITE AT ANY GIVEN TIME. THE TOTAL NUMBER OF RIGS ALLOWED BY ALL OPERATORS WITHIN THREE MILES OF THE SITE SHALL BE LIMITED TO FIVE AT ANY GIVEN TIME. (35) OPERATOR SHALL COMPLY WITH ALL PROVISIONS OF THE MOST RECENT COGCC APPROVED REVISION OF THE RULISON SAMPLING AND ANALYSIS PLAN. IN ADDITION TO THE PRODUCED WATER SAMPLING AND ANALYSIS OUTLINED IN SECTION 5.8 OF THE PLAN THE OPERATORS SHALL ALSO OBTAIN AND ANALYZE PRODUCED WATER SAMPLES ON WELLS DESCRIBED IN THE PLAN FOR CONSTITUENTS LISTED IN THE PLAN USING THE SPECIFIED METHOD WHERE APPLICABLE. (37) PIT CONSTRUCTION SHALL COMPLY WITH THE RESERVE PIT AND LINER DESIGN TECHNICAL SPECIFICATIONS, DATED JULY 2008. (38) THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1. (39) NO PORTION OF ANY PIT THAT WILL BE USED TO HOLD LIQUIDS SHALL BE CONSTRUCTED ON FILL MATERIAL, UNLESS THE PIT AND FILL SLOPE ARE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER, SUBJECT TO REVIEW AND APPROVAL BY THE DIRECTOR PRIOR TO CONSTRUCTION OF THE PIT. THE CONSTRUCTION AND LINING OF THE PIT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR THEIR AGENT. THE ENTIRE BASE OF THE PIT MUST BE IN CUT. THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST</p>	12/02/2009

		WATER WELL WITHIN 1 MILE IS 250 FEET DEEP. WATER WELLS WITHIN ONE (1) MILE OF ALL LOCATIONS MUST BE CHECKED. (Rule 321) THE OPERATOR SHALL COMPLY WITH RULE 321. AND IT SHALL BE THE OPERATOR'S RESPONSIBILITY TO ENSURE THAT THE WELLBORE COMPLIES WITH SETBACK REQUIREMENTS IN COMMISSION ORDERS OR RULES PRIOR TO PRODUCING THE WELL.	
Agency	liny	PROJECT RULISON 2A WITH 19 PENDING PERMITS IN RELATED FORMS	12/02/2009

Comment: _____

CA: _____ **Date:** _____

Wildlife BMPs:

Comment: _____

CA: _____ **Date:** _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present

Corrective Action: _____ Date: _____

Comments: Erosion BMPs: _____

Other BMPs: _____

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:	414827	Type:	WELL	API Number:	045-18924	Status:	XX	Insp. Status:	ND
Facility ID:	414831	Type:	WELL	API Number:	045-18925	Status:	XX	Insp. Status:	ND
Facility ID:	414832	Type:	WELL	API Number:	045-18926	Status:	XX	Insp. Status:	ND
Facility ID:	414837	Type:	WELL	API Number:	045-18927	Status:	XX	Insp. Status:	ND

Facility ID: <u>414843</u>	Type: <u>WELL</u>	API Number: <u>045-18928</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414851</u>	Type: <u>WELL</u>	API Number: <u>045-18929</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414854</u>	Type: <u>WELL</u>	API Number: <u>045-18930</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414857</u>	Type: <u>WELL</u>	API Number: <u>045-18931</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414858</u>	Type: <u>WELL</u>	API Number: <u>045-18932</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414865</u>	Type: <u>WELL</u>	API Number: <u>045-18933</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414866</u>	Type: <u>WELL</u>	API Number: <u>045-18934</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414869</u>	Type: <u>WELL</u>	API Number: <u>045-18935</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414876</u>	Type: <u>WELL</u>	API Number: <u>045-18936</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414883</u>	Type: <u>WELL</u>	API Number: <u>045-18937</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414888</u>	Type: <u>WELL</u>	API Number: <u>045-18938</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414893</u>	Type: <u>WELL</u>	API Number: <u>045-18939</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414902</u>	Type: <u>WELL</u>	API Number: <u>045-18940</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414903</u>	Type: <u>WELL</u>	API Number: <u>045-18941</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>414905</u>	Type: <u>WELL</u>	API Number: <u>045-18942</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>

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:

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: OTHER, RANGELAND

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: OTHER, RANGELAND

Reminder: _____

Comment: _____

Inspector Name: LONGWORTH, MIKE

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 _____ Multi-Well Location

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Check Dams		Compaction				
Drains		Gravel				
Gravel		Retention Ponds				
Rip Rap						
Compaction		Culverts				
Ditches		Ditches				
Sediment Traps						
Berms		Check Dams				
Retention Ponds						

S/U/V: Satisfactory _____ Corrective Date: _____
 Comment: Continue BMP maintaince
 CA: _____