Inspector Name: Gomez, Jason

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

Inspection Date: 09/24/2014

Document Number: 673801429

Overall Inspection: SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	438377	438262	Gomez, Jason	☐	

Operator Information:

OGCC Operator Number: 10459

Name of Operator: EXTRACTION OIL & GAS LLC

Address: 1888 SHERMAN ST #200

City: DENVER State: CO Zip: 80203

☐ 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
Tonello, John		jtonello@extractionog.com	

Compliance Summary:

QtrQtr: NWNW Sec: 28 Twp: 7N Range: 67W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
438376	WELL	XX	07/31/2014		123-39953	Nelson Farm 9	XX	
438377	WELL	XX	07/31/2014		123-39954	Nelson Farm 2	DG	X
438378	WELL	XX	07/31/2014		123-39955	Nelson Farm 6	XX	
438379	WELL	XX	07/31/2014		123-39956	Nelson Farm 11	XX	
438380	WELL	XX	07/31/2014		123-39957	Nelson Farm 10	XX	
438381	WELL	XX	07/31/2014		123-39958	Nelson Farm 3	XX	
438382	WELL	XX	07/31/2014		123-39959	Nelson Farm 7	XX	
438383	WELL	XX	07/31/2014		123-39960	Nelson Farm 12	XX	
438384	WELL	XX	07/31/2014		123-39961	Nelson Farm 1	XX	
438483	WELL	XX	08/10/2014		123-39999	Nelson Farm 8	XX	
438484	WELL	XX	08/10/2014		123-40004	Nelson Farm 4	XX	
438485	WELL	XX	08/10/2014		123-40011	Nelson Farm 5	XX	

Equipment:

Location Inventory

Special Purpose Pits:		Drilling Pits:		Wells:	12	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:	

Inspector Name: Gomez, Jason

Location

Emergency Contact Number (S/A/V): _____ Corrective Date: _____

Comment:

Corrective Action:

Spills:				
Type	Area	Volume	Corrective action	CA Date

☐ Multilple Spills and Releases?

Venting:	
Yes/No	Comment

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 438377

Site Preparation:

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

S/A/V: _____

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.	07/18/2014

S/A/V: _____ **Comment:**

CA: **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Final Reclamation	Well site cleared- Within 90-day subsequent to the time of plugging and abandonment of the entire site, superfluous debris and equipment shall be removed from the site.
Odor mitigation	Odors and Dust: Operator will regulate odors in accordance with COGCC Rule 805. Fugitive dust will be controlled by speed restrictions on all neighboring roads, regular road maintenance and repair, and avoiding construction activity during high wind days. If technologically and economically feasible, additional management practices may also be required to minimize fugitive dust, as well as to control silica dust while handling sand during frac'ing operations.
Final Reclamation	Utilize only such area around each producing well as is reasonably necessary. Restore the remainder of the well site location to its original condition within a reasonable time after the completion of operations. All reseeding shall be done with grasses consistent with the Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by Owner.
Noise mitigation	Noise: A baseline noise survey will be performed prior to the start of drilling and completion operations. Some type of sound wall mitigation will be implemented based on the study results to insure that noise levels are maintained below the permissible level for Light Industrial Zones, as measured at the nearest Building Unit.

Storm Water/Erosion Control	Use water bars, and other measures to prevent erosion and non-source pollution. Implement and maintain BMPs to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Co-locate gas and water gathering lines whenever feasible, and mitigate any erosion problems that arise due to the construction of any pipeline(s).
Dust control	Traffic dust control will be done utilizing water on all County Roads leading up to the pad site.
General Housekeeping	Fence the well site after drilling to restrict public and wildlife access. Keep well site location, the road, and the pipeline easement free of noxious weeds, litter and debris. Spray for noxious weeds, and implement dust control, as needed. Operator will not permit the release or discharge of any toxic or hazardous chemicals or wastes on Owner's Land. Construct and maintain gates where any roads used by operator, its employees, or contractors cross through fences on the leased premises. Visual Impact Mitigation: All long term facility structures will be painted a color that enables the facilities to blend in with the natural background color of the landscape, as seen from a viewing distance and location typically used by the public. Maintain appearance with garbage clean-up; a trash bin will be located on site to accumulate waste by the personnel drilling the wells. Site will have unused equipment, trash and junk removed immediately.
Planning	When feasible develop multiple well sites by using directional drilling to reduce cumulative impacts and adverse impacts on wildlife resources.
Construction	Remove only the minimum amount of vegetation necessary for the construction of roads and facilities. Conserve topsoil during excavation and reuse as cover on disturbed areas to facilitate regrowth of vegetation. No construction or routine maintenance activities will be performed during periods when the soil is too wet to adequately support construction equipment. Control of Fire Hazards: All material that is considered a fire hazard shall be a minimum of 25' from the wellhead tanks or separators. Electrical equipment shall comply with the current national electrical code.
Traffic control	Access Roads - The access road will be constructed to accommodate local emergency vehicles. This road will be maintained for access at all times. Traffic will be routed to minimize local interruption.

Drilling/Completion Operations	A closed-loop drilling mud system will be used to preclude the use of an earthen reserve pit. Light Sources will likewise be directed downwards and away from occupied structures where possible. Once the drilling and completion rigs leave the site, there will be no permanently installed lighting on site. Prior to drilling operations, Operator may perform an anti-collision review of existing offset wells that have the potential of being within close proximity of the proposed well. This anti-collision review may include MWD or gyro surveys and surface locations of the offset wells with included error of uncertainty per survey instrument, and compared against the proposed well path with its respective error of uncertainty. If current surveys do not exist for the offset wells, Operator may have gyro surveys conducted to verify bottom hole location. The proposed well may only be drilled if the anti-collision review results indicate that the risk of collision is sufficiently low as defined by the anticollision plan, with separation factors greater than 1.5, or if the risk of collision has been mitigated through other means including shutting in wells, plugging wells, increased drilling fluid in the event of lost returns or as is appropriate for the specific situation. In the event of an increased risk of collision, that risk will be mitigated to prevent harm to people, the environment or property. For the proposed well, upon conclusion of drilling operations, an as-constructed directional survey will be submitted to the COGCC with the Form 5. Pursuant to COGCC 207.a. (“Policy”), operator, acknowledges and will comply with said policy for Bradenhead Monitoring during hydraulic fracturing treatments in the Greater Wattenberg Area (GWA), dated May 29, 2012. Blowout Preventer Equipment: A double ram and annular preventer will be used during drilling. Stabbing valves shall be installed in the event of reverse circulation and shall be prior tested with low and high pressure fluid. BOPE- Well servicing operations. Adequate BOP equipment shall be used.

S/A/V: _____ **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:	438377	Type:	WELL	API Number:	123-39954	Status:	XX	Insp. Status:	DG

Inspector Name: Gomez, Jason

Well Drilling

Rig: Rig Name: Extreme Rig 7 Pusher/Rig Manager: Brian Leagjeld

Permit Posted: SATISFACTORY Access Sign: SATISFACTORY

Well Control Equipment:

Pipe Ram: YES Blind Ram: YES Hydril Type: YES

Pressure Test BOP: Test Pressure PSI: Safety Plan:

Drill Fluids Management:

Lined Pit: Unlined Pit: Closed Loop: YES Semi-Closed Loop:

Multi-Well: YES Disposal Location: Farm

Comment:

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: IMPROVED PASTURE

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: IMPROVED PASTURE

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			CM	Pass	

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S/A/V: SATISFACTORY Corrective Date:

Comment:

CA:

Pits: ☒ NO SURFACE INDICATION OF PIT