

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:
04/03/2015

Document Number:
674102183

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>159750</u>	<u>432599</u>	<u>Rickard, Jeff</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>10459</u>
Name of Operator:	<u>EXTRACTION OIL & GAS LLC</u>
Address:	<u>1888 SHERMAN ST #200</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80203</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
Silva, Jesse	970-396-0421	jsilva@extractionog.com	Operations Manager
Kulmann, Dave		dave.kulmann@state.co.us	
Keidel, Janni	(720)382-2682	jkeidel@extractionog.com	Sr Regulatory Specialist

Compliance Summary:

QtrQtr: NWNE Sec: 5 Twp: 5N Range: 65W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
159727	WELL	XX	01/16/2015		123-41020	DT-Lopez 2-5-6	XX	<input type="checkbox"/>
159748	WELL	XX	01/18/2015		123-41027	DT-Habitat C4-5-6	XX	<input type="checkbox"/>
159749	WELL	XX	01/18/2015		123-41028	DT-Forbes C7-5-6	XX	<input type="checkbox"/>
159750	WELL	XX	01/18/2015		123-41029	DT-Martinez 1-5-6	DG	<input checked="" type="checkbox"/>
159751	WELL	XX	01/18/2015		123-41030	DT-Martinez 3-5-6	XX	<input type="checkbox"/>
159752	WELL	XX	01/18/2015		123-41031	DT-Habitat C3-5-6	XX	<input type="checkbox"/>
159753	WELL	DG	03/11/2015		123-41032	DT-Martinez C5-5-6	DG	<input checked="" type="checkbox"/>
159754	WELL	XX	01/18/2015		123-41033	DT-Luther 1-5-6	XX	<input type="checkbox"/>
159755	WELL	XX	01/18/2015		123-41034	DT-Forbes C6-5-6	XX	<input type="checkbox"/>
159756	WELL	XX	01/18/2015		123-41035	DT-Habitat C1-5-6	XX	<input type="checkbox"/>
159757	WELL	XX	01/18/2015		123-41036	DT-Forbes C8-5-6	XX	<input type="checkbox"/>
159758	WELL	XX	01/18/2015		123-41037	DT-Martinez 2-5-6	XX	<input type="checkbox"/>
434713	WELL	DG	10/16/2013	LO	123-38291	DT-Habitat 5-5-6	DG	<input checked="" type="checkbox"/>
434714	WELL	DG	10/16/2013	LO	123-38292	DT-Habitat 4-5-6	DG	<input checked="" type="checkbox"/>
434715	WELL	DG	10/16/2013	LO	123-38293	DT-Habitat 2-5-6	DG	<input checked="" type="checkbox"/>

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434716	WELL	DG	10/16/2013	LO	123-38294	DT-Habitat 3-5-6	DG	<input checked="" type="checkbox"/>
434717	WELL	DG	10/16/2013	LO	123-38295	DT-Habitat 1-5-6	DG	<input checked="" type="checkbox"/>
434718	WELL	XX	10/11/2013	LO	123-38296	DT-Forbes 2-5-6	XX	<input type="checkbox"/>
434719	WELL	DG	02/02/2014	LO	123-38297	DT-Forbes 5-5-6	DG	<input checked="" type="checkbox"/>
434720	WELL	XX	10/11/2013	LO	123-38298	DT-Forbes 3-5-6	XX	<input type="checkbox"/>
434721	WELL	DG	11/27/2013	LO	123-38299	DT-Forbes 1-5-6	DG	<input checked="" type="checkbox"/>
434722	WELL	XX	10/11/2013	LO	123-38300	DT-Forbes 4-5-6	XX	<input type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>22</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>2</u>	Separators: <u>22</u>	Electric Motors: <u>1</u>
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: <u>1</u>	VOC Combustor: _____	Oil Tanks: <u>22</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>2</u>	Fuel Tanks: _____

Location

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

Comment: _____

Corrective Action: _____

Spills:

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

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 159750

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

S/A/V: _____
 Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:
S/A/V: _____ **Comment:** _____
CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Planning	<p>Project Phasing</p> <ul style="list-style-type: none"> -The drilling of the wells at this location will be phased. -Phasing the drilling schedule will minimize impacts to surrounding neighbors by reducing the length of continued drilling periods. -Phase I will consist of 2 to 5 horizontally drilled wells
Material Handling and Spill Prevention	<p>Spill Prevention</p> <ul style="list-style-type: none"> -All materials, waste, and fluids kept on-site will be stored in an appropriate manner to prevent contamination of the environment. -If a spill occurs, it will be cleaned up using absorbent material and by removing the contaminated soil. -Any contaminated soil will be disposed of appropriately. -All efforts will be made to prevent the spill from migrating off-site or coming into contact with stormwater runoff. -The Spill Control and Countermeasures plan will address and control all spill procedures.
Storm Water/Erosion Control	<p>Fugitive Dust and Vehicle Tracking</p> <ul style="list-style-type: none"> -Traffic speeds will be limited to control fugitive dust. -Watering will be completed to control fugitive dust as needed. -Graveled entries will be provided for vehicle tracking control. Refer to the Stormwater Management Plan for location. -Furrowing of disturbed soil will be provided at right angles to prevailing winds as needed.
Noise mitigation	<p>We are not planning on having sound walls on this location because we (our working interest partners) have had a rig here last year with no sound walls. This is in an industrial part of town, with minimal housing nearby. The surface owner is Mineral Resources, our working interest partner. They do not wish to sound walls put up. We will however, put a few small sound walls up right around the gensets of the rig. We will also be in contact with the closest homes to let them know if there is an inconvenience that we can make adjustments.</p>
General Housekeeping	<p>Solid Waste</p> <ul style="list-style-type: none"> -The site will be cleaned of all trash and waste as soon as practical. -All waste will be stored in sealed containers until it can be disposed of appropriately. -Solid waste will be removed from the site and disposed of per state regulations for solid waste.
General Housekeeping	<p>Noxious Weeds</p> <ul style="list-style-type: none"> -The site will be inspected for weed infested areas. -Prompt action will be taken to mitigate infested areas. -All noxious weeds identified will not be allowed to reach the flowering or seed dispersal stage. -Vehicles will not be allowed to drive through weed infested areas. -Machinery will not be parked in weed infested areas. -Vehicles sent off-site regularly will be inspected to assure that undercarriages and grill works are kept free of weed seed. -Undercarriages of vehicles or machinery potentially contaminated with noxious weed seeds will be washed before entry is made into noninfested areas.
Construction	<p>The tank battery will be constructed using a steel containment ring and a geo-membrane liner.</p>
Storm Water/Erosion Control	<p>Stormwater</p> <ul style="list-style-type: none"> -Mineral Resources maintains a Field Wide Stormwater Management Permit, Certification No. COR03H509. This site falls under this permit. -Stormwater best management practices will be completed per the site specific stormwater management plan. -Permanent seeding will be installed once all drilling and completion activities are finalized. -All stormwater best management practices will remain in place until final stabilization is achieved.

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: 159750 Type: WELL API Number: 123-41029 Status: XX Insp. Status: DG

Complaint

Comment: Complaint DOC#200420828. OGCC staff was on location at complainants house to run 2 noise surveys. One survey was facing to the west towards the extraction location; the other survey was facing the east towards the Bayswater location. Attached to this inspection is the survey that was directed to the east at the Bayswater location. Winds were calm during the duration of the survey. C scale average for the noise survey was 66.3db. Sound survey is attached.

Facility ID: 159753 Type: WELL API Number: 123-41032 Status: DG Insp. Status: DG

Facility ID: 434713 Type: WELL API Number: 123-38291 Status: DG Insp. Status: DG

Facility ID: 434714 Type: WELL API Number: 123-38292 Status: DG Insp. Status: DG

Facility ID: 434715 Type: WELL API Number: 123-38293 Status: DG Insp. Status: DG

Facility ID: 434716 Type: WELL API Number: 123-38294 Status: DG Insp. Status: DG

Facility ID: 434717 Type: WELL API Number: 123-38295 Status: DG Insp. Status: DG

Facility ID: 434719 Type: WELL API Number: 123-38297 Status: DG Insp. Status: DG

Facility ID: 434721 Type: WELL API Number: 123-38299 Status: DG Insp. Status: DG

Environmental

Spills/Releases:

Inspector Name: Rickard, Jeff

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: INDUSTRIAL

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

Inspector Name: Rickard, Jeff

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: INDUSTRIAL _____

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

Attached Documents

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

Document Num	Description	URL
674102185	Sound survey facing east.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3583430