

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:
11/22/2013

Document Number:
673800245

Overall Inspection:
Satisfactory

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	<input type="checkbox"/>
	<u>428674</u>	<u>423393</u>	<u>Gomez, Jason</u>	2A Doc Num:	

Operator Information:

OGCC Operator Number: _____

Name of Operator: MINERAL RESOURCES, INC.

Address: PO BOX 328

City: GREELEY State: CO Zip: 80632

- 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
PRECUP, JIM		james.precup@state.co.us	
Richardson, Collin	970-590-7523	collin@mineralresourcesinc.com	

Compliance Summary:

QtrQtr: NWSW Sec: 32 Twp: 6N Range: 65W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
426307	WELL	AL	03/21/2012		123-34637	Stampede 7-7-31	AL
426308	WELL	AL	03/21/2012		123-34638	Ells 1-5-32	AL
426312	WELL	AL	03/21/2012		123-34642	Markus 1-1-32	AL
426314	WELL	XX	11/01/2011	LO	123-34644	Gas 2-2-5	XX
426316	WELL	XX	07/30/2013	LO	123-34646	4H 5-7-31	XX
426318	WELL	AL	03/21/2012		123-34648	JBS 2-2-32	AL
426321	WELL	AL	03/21/2012		123-34650	Salvage 1-7-32	AL
426325	WELL	XX	07/30/2013	LO	123-34653	Warnoco 6-2-6	XX
426326	WELL	AL	03/21/2012		123-34654	85 Bridge 2-6-32	AL
428674	WELL	PR	01/31/2013	LO	123-35463	Island Grove 2-32	FR

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>28</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>4</u>	Separators: <u>7</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>8</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>2</u>	Fuel Tanks: _____

Location

Signs/Marker:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Satisfactory			
WELLHEAD	Satisfactory			
BATTERY	Satisfactory			

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

Comment: _____

Corrective Action: _____

Good Housekeeping:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
UNUSED EQUIPMENT	Unsatisfactory	Un used drian pipe located on West side of Tank Battery	submit repair plan to COGCC	12/22/2013

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

Fencing/:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK BATTERY	Satisfactory	Chian Link		
WELLHEAD	Satisfactory	Chian link		
LOCATION	Satisfactory	Chain Link		
SEPARATOR	Satisfactory	Chain Link		

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Pig Station	1	Satisfactory			
Emission Control Device	2	Satisfactory			
Ancillary equipment	1	Satisfactory	1 Electical control box		
Bird Protectors	3	Satisfactory			
Gas Meter Run	1	Satisfactory			
VRU	1	Satisfactory			

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
METHANOL	1	<50 BBLS	PLASTIC AST	40.442360,-104.695520
S/U/V:	Satisfactory	Comment:		
Corrective Action:				Corrective Date:
<u>Paint</u>				
Condition	Adequate			
Other (Content)	_____			
Other (Capacity)	_____			
Other (Type)	_____			
<u>Berms</u>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Other	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment				

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	400 BBLS	FIBERGLASS AST	40.442204,-104.695560
S/U/V:	Satisfactory	Comment:		
Corrective Action:				Corrective Date:
<u>Paint</u>				
Condition	Adequate			
Other (Content)	_____			
Other (Capacity)	_____			
Other (Type)	_____			
<u>Berms</u>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment				

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
CRUDE OIL	8	400 BBLS	STEEL AST	40.442040,-104.695560
S/U/V:	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 Sufficient	Base Sufficient	Adequate
Corrective Action	_____			Corrective Date _____
Comment	_____			
Venting:				
Yes/No	Comment _____			
NO	_____			
Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 428674

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

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	allisonr	Notify COGCC OGLA Specialist for Northeast Colorado Rick Allison (rick.allison@state.co.us) 48 hours prior to construction of the location.	05/25/2011

S/U/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
General Housekeeping	Solid Waste -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.

<p>Drilling/Completion Operations</p>	<p>Public Notice -A sign with Mineral Resources' contact information and a 24 hour contact number will be placed at or near the access road entrance. -For this project, per the City of Greeley's Use by Special Review process, public notice will be provided by the city staff. Notice will be provided in the following forms; by a sign, of sufficient size, placed on the property for 7 or more consecutive days prior to the meeting, by newspaper advertisement at least 5 but not more than 15 days prior to the public meetings, and by courtesy letter. At the public hearing, area residents will have the opportunity to speak and ask questions about the project.</p>
<p>Interim Reclamation</p>	<p>Reclamation Interim and or final reclamation of the site will be completed per the COGCC rules and regulations.</p>
<p>Construction</p>	<p>Noxious Weeds -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.</p>
<p>Planning</p>	<p>Project Phasing -The drilling of the wells at this location will be phased. It is anticipated that 5-10 wells will be drilled as Phase I, with the remaining wells drilled in the second and/or third phase. -Phasing the drilling schedule will minimize impacts to surrounding neighbors by reducing the length of continued drilling periods.</p>
<p>Storm Water/Erosion Control</p>	<p>Stormwater -Mineral Resources maintains a Field Wide Stormwater Permit, Certification No. COR03H509. This site falls under this permit. -Stormwater best management practices will be completed per the site specific stormwater management plan. BMPs include: -Installation of vehicle tracking control to minimize tracking of sediment off-site. -Installation of a temporary diversion to include a temporary earthen berm in conjunction with a shallow ditch along the southeast corner of the well pad. This BMP will prevent stormwater from reaching the JBS Detention Pond. -The existing dike along the northern banks of the Cache La Poudre River will prevent stormwater runoff from entering the river. -If necessary a sediment trap will be constructed to collect stormwater runoff from the temporary diversion. -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.</p>
<p>Drilling/Completion Operations</p>	<p>Noise and Light Mitigation -To the maximum extent possible, exhaust from all engines, motors, coolers, and other mechanized equipment shall be vented away from occupied buildings. -Facilities within 400 feet of building units shall be equipped with quiet design mufflers or equivalent. -The existing vegetation and the dyke along the northern bank of the Cache La Poudre River will provide natural noise and light mitigation to the residences located to the south. -If noise complaints are made during drilling, Mineral Resources will take sound measurements near the River Park mobile homes and near the existing residences on the property. If the readings are found to be greater than those allowed per the COGCC for the "Residential/Agricultural/Rural" zone, hay bales or other practical measures will be utilized to create a noise buffer between areas of operation and the residences. -All lighting will be positioned to prevent glare onto 11th Avenue and to the River Park mobile home community located south of the proposed wells.</p>

Material Handling and Spill Prevention	Spill Prevention -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	Fugitive Dust and Vehicle Tracking -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.

S/U/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: 428674 Type: WELL API Number: 123-35463 Status: PR Insp. Status: FR

Producing Well

Comment: **PR**

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): _____

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): _____

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: 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: 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:

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/U/V: _____ Corrective Date: _____

Comment:

CA:

Pits: NO SURFACE INDICATION OF PIT