

**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
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Inspection Date:  
01/14/2015

Document Number:  
673801665

Overall Inspection:

**ACTION REQUIRED**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>332147</u>	<u>332147</u>	<u>Gomez, Jason</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number: 47120

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP

Address: P O BOX 173779

City: DENVER State: CO Zip: 80217-

- 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
, Inspections		COGCCinspections@Anadarko.com	All Inspections
Ash, Margaret		margaret.ash@state.co.us	
Kulmann, Dave		dave.kulmann@state.co.us	

**Compliance Summary:**

QtrQtr: SENE Sec: 25 Twp: 3N Range: 68W

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
270552	WELL	PR	01/05/2010	GW	123-21897	WAGNER 8-25	PR	<input checked="" type="checkbox"/>
290497	WELL	AL	09/16/2008	LO	123-25125	CARMA 24-25	AL	<input type="checkbox"/>
436590	WELL	DG	05/09/2014		123-39187	BAREFOOT 32C-25HZ	WK	<input checked="" type="checkbox"/>
436702	WELL	DG	05/10/2014		123-39229	BAREFOOT 31N-25HZ	WK	<input checked="" type="checkbox"/>
437691	SPILL OR RELEASE	CL	06/13/2014		-	SPILL/RELEASE POINT	CL	<input type="checkbox"/>

**Equipment:**

Location Inventory

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

**Location**

Emergency Contact Number (S/A/V): SATISFACTORY

Corrective Date: \_\_\_\_\_

Inspector Name: Gomez, Jason

Comment:	
Corrective Action:	

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

<b>Equipment:</b>					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Vertical Separator	2	SATISFACTORY	Temp. flow back separator		
Horizontal Separator	2	SATISFACTORY	Temp. flow back separator		
Ancillary equipment	8	SATISFACTORY	lighting stations with lights pointed toward the ground		

<b>Venting:</b>	
Yes/No	Comment
NO	

<b>Flaring:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

<b>Predrill</b>	
Location ID: <u>332147</u>	
<b>Site Preparation:</b>	
Lease Road Adeq.: _____	Pads: _____ Soil Stockpile: _____
<b>S/AV:</b> _____	
Corrective Action: _____	Date: _____ CDP Num.: _____
<b>Form 2A COAs:</b>	
<b>S/AV:</b> _____	<b>Comment:</b> _____
<b>CA:</b> _____	<b>Date:</b> _____
<b>Wildlife BMPs:</b>	
BMP Type	Comment
Drilling/Completion Operations	604c.(2).K. Pit Level Indicators: All tanks (used in lieu of pits) contain pit level monitors with Electronic Drilling Recorders (EDR). KMG uses EDRs with pit level monitor(s) and alarm(s) for production rigs. Basic level gauges are used on tanks utilized for the surface rig.
Traffic control	604c.(2).D. Traffic Plan: If required by the local government, a traffic plan will be coordinated with the local jurisdiction prior to commencement of operations.
Storm Water/Erosion Control	604c.(2).W. Site-Specific Measures: KMG maintains a Stormwater Management Plan that assesses erosion control for every KMG operated location. This location will be added to this plan once construction begins. This site will be inspected every fourteen (14) days during construction activities, every thirty (30) days after construction is completed, and after any major weather event.
Drilling/Completion Operations	604c.(2).H. BOPE: Our rigs at a minimum will have a double ram with blind and pipe ram; and annular preventer.

Drilling/Completion Operations	604c.(2).J. BOPE for Well Servicing Operations: Blowout prevention equipment will be used on any servicing operations associated with this well. Backup stabbing valves will be used during any future servicing operations during reverse circulation. Valves shall be pressure tested before each well servicing operation using low-pressure air and high-pressure fluid.
Drilling/Completion Operations	604c.(2).L. Drill Stem Tests: No drill stem tests are planned and none will be performed without prior approval from the Director.
Construction	604c.(2).G. Berm Construction: Kerr-McGee will create tertiary containment by construction of a berm or diversion dike, site grading, or other comparable measures sufficient to further protect the ditches located 472' southeast, 569' south and 980' east and the pond 850' east of the proposed oil and gas location.
Material Handling and Spill Prevention	604c.(2).N. Control of Fire Hazards: KMG and its contractors will employ best management practices during the drilling and production of its wells and facilities and will comply with appropriate COGCC rules concerning safety and fire. KMG will ensure that any material that might be deemed a fire hazard will remain no less than twenty-five (25) feet from the wellhead(s), tanks and separator(s).
Construction	604c.(2).M. Fencing Requirements: The completed wellsites will be surrounded with a fence and gate with adequate lock to restrict access to authorized personnel only. KMG personnel will monitor the wellsites regularly upon completion of the wells. Authorized representatives and/or KMG personnel shall be on-site during drilling and completion operations.
Planning	604c.(2).S. Access Roads: KMG will utilize a lease access road from Weld County Road 13 for drilling operations and maintenance equipment. The road will be properly constructed and maintained to accommodate for local emergency vehicle access. Water will be placed on dirt access roads to mitigate dust as needed. If feasible, magnesium chloride will also be used as needed on access roads to further abate dust.
Final Reclamation	604c.(2).T. Well Site Cleared: The wellsite will be cleared of all non-essential equipment within ninety (90) days after all wells associated with the pad have been plugged and abandoned.
Planning	604c.(2).R. Tank Specifications: Two 500 barrel skid-mounted frac tanks will be temporarily placed on-site for use of the pre-spud rig only. One tank will store water and the other will store water based mud.
Planning	604c.(2).V. Development From Existing Well Pads: KMG will locate the two proposed horizontal wells on the existing well pad with location ID #332147 to reduce the amount of surface disturbance associated with this project.
Drilling/Completion Operations	604c.(2).I. BOPE Testing for Drilling Operations: Upon initial rig-up, BOPEs will be tested at a minimum of every 30 days.
Drilling/Completion Operations	604c.(2).B. Closed Loop Drilling System: KMG will use a closed loop or "pitless" system for drilling and fluid management and will not construct a reserve pit.
General Housekeeping	604c.(2).O. Loadlines: All loadlines shall be bullplugged or capped.
Planning	604c.(2).Q. Guy Line Anchors: Should guy line anchors be left buried for future use, they shall be identified by a bright marker greater than four (4) feet high and no more than one (1) foot east of the guy line anchor.
Planning	604c.(2).E. Multiwell Pads: In order to reduce surface impact, this application is for a two-well pad to be added to an existing well pad.
General Housekeeping	604c.(2).P. Removal of Surface Trash: A commercial size trash bin for removing debris will be located on site. This bin will be for use by all parties affiliated with the operation.
Noise mitigation	604c.(2).A. Noise: Sound surveys that have been conducted on each rig type are utilized to determine any necessary noise mitigation once a drilling rig is determined. The building units within 1000' of this oil and gas location are abandoned and no further noise mitigation has been deemed necessary.
Final Reclamation	604c.(2).U. Identification of Plugged and Abandoned Wells: Pursuant to rule 319.a.(5)., once the well has been plugged and abandoned, KMG will identify the location of the wellbore with a permanent monument that will detail the well name and date of plugging.

**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: 270552 Type: WELL API Number: 123-21897 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR Temp shut in for frac

Facility ID: 436590 Type: WELL API Number: 123-39187 Status: DG Insp. Status: WK

**Workover**

Comment: 12 Temporary Frac tanks located 40.19912 -104.94353 no secondary containment, 10 Temporary Frac Tanks located 40.19842 -104.94356 no secondary containment 10 Temporary frac tanks located 40.19824 -104.94417 no secondary containment 6 Temporary Frac tanks, 2 frack tanks open top for flow back with plastic berms for secondary containment.

Facility ID: 436702 Type: WELL API Number: 123-39229 Status: DG Insp. Status: WK

**Complaint**

Comment: On 1-14-2015, I was contacted by the COGCC office in reference to two loud noise complaints and vehicles tracking mud from the Barefoot locations located near the intersection of Hwy 66 and Weld County Rd 13. The complaints were documented in Form 18 doc #s 200421420 and #200421435. I contacted the two complainants and both indicated the noise they had experienced was increasingly louder on Saturday 1-10-2015. Mrs. Schreiber also complained about traffic coming off of these e locations and tracking mud onto WCR 13. After speaking to the complainants, I proceeded to perform site inspections at the following locations:  
 Barefoot 30C-25HZ No activity at this location. Flow back equipment was on location but there were no active operations on location. See inspection Doc# 673801675 for further information.  
 Barefoot 32N-25HZ Active frac operation at location. Upon inspection, I observed mud transferred from the location to WCR 13. I observed a vehicle tracking pad on the lease road to location but the pad had been filled in by mud and debris which allowed the mud from location to be transferred to WCR 13. Upon entering the site I observed noise mitigation to the east of the location with hay bales set up as sound mitigation. The area toward the northeast, which is toward the complainants' houses, did not have any sound mitigation set up. I performed a sound study approx 350' to the northeast of the frac operation. Results of the sound study indicated the frac operation was operating within the operational limits of the COGCC sound rules. See Inspection Doc# 673801670 for further information, results of sound study, attached photos and corrective actions of vehicle tracking issues.  
 Barefoot 32C-25HZ I observed vehicles had transferred mud from this location onto WCR 13. I observed a vehicle tracking pad on the lease road to location but the pad had been filled in by mud and debris which allowed the mud from location to be transferred to WCR 13. The location had bales of hay set up to the east and the north of the location. I observed flow back operations being set up at the location and frac equipment was being removed from the location. I performed a sound study approximately 350' to the northeast of the location. Results of the sound study indicated the flow back operation was operating within the operational limits of the COGCC sound rules. See Doc# 673801665 for the results of the sound study and corrective actions of vehicle tracking issues.  
 I discussed these issues with the operator and the operator agreed to install more rock in the vehicle tracking pad and the operator would have a street sweeper at location to clean any excess mud tracked onto WCR 13.

**Workover**

Comment: Flow Back operation

**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: IRRIGATED

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: IRRIGATED

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: \_\_\_\_\_

Inspector Name: Gomez, Jason

Corrective Action:		Date	
Overall Final Reclamation	Well Release on Active Location <input type="checkbox"/>	Multi-Well Location	<input type="checkbox"/>

<b>Storm Water:</b>						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Berms	Pass	Gravel	Pass	VT	Fail	

S/A/V: **ACTION REQUIRED** Corrective Date: **01/12/2015**

Comment: **Vehicle Tracking in place but has filled in with debris from traffic see attached photos**  
CA: **Clean off debris from location tracked on to WCR 13. Provide BMP to control debris from location from being tracked onto WCR 13 or provide equipment to clean WCR 13 at location entrance.**

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
673801666	WCR 13 Vehicle Tacking from Barefoot Location 32C-25HZ	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3533572">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3533572</a>
673801667	Veh Tacking pad from Barefoot 32C-25HZ	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3533573">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3533573</a>
673801668	Sound Study from barefoot location	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3533574">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3533574</a>
673801669	Barefoot sound mitigation	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3533575">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3533575</a>

## **ACTION REQUIRED**

**ANY ACTION REQUIRED** items listed on this report indicate that the oil and gas facility or the oil and gas operations listed on the report may be in violation of the rules and regulations of the Colorado Oil and Conservation Commission (“COGCC”) and corrective action is required.

There is reasonable cause to believe that a violation of the Oil and Gas Conservation Act, or of any rule, regulation, or order of the Commission, or of any permit issued by the Commission, has occurred. The Operator’s compliance with this Inspection Report is required to resolve these alleged violations. This document requires the Operator to timely respond to the COGCC and to comply with directives as listed by the **Corrective Action Deadline Date**. Failure to do so will result in the issuance of a Notice of Alleged Violation and initiation of enforcement proceedings in which COGCC will seek monetary penalties for the alleged violations pursuant to § 34-60-121, C.R.S. and Rule 523, COGCC Rules of Practice and Procedure, 2 CCR 404-1. (Please note that the COGCC's penalty authority was recently increased to a maximum of \$15,000 per day and penalties are no longer capped at a maximum of \$10,000 per violation.)