

**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

Inspection Date:

09/12/2016

Document Number:

674004367

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	439853	439849	Carlile, Craig	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 47120Name of Operator: KERR MCGEE OIL & GAS ONSHORE LPAddress: P O BOX 173779City: 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

Compliance Summary:QtrQtr: NESW Sec: 14 Twp: 3N Range: 68W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
03/08/2016	674003465	XX	DG	SATISFACTORY			No

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
439850	WELL	DG	03/03/2016	LO	123-40575	DOCHEFF 33N-15HZ	PR	<input checked="" type="checkbox"/>
439851	WELL	DG	03/05/2016	LO	123-40576	DOCHEFF 12C-15HZ	PR	<input checked="" type="checkbox"/>
439852	WELL	DG	03/04/2016	LO	123-40577	DOCHEFF 33N-13HZ	PR	<input checked="" type="checkbox"/>
439853	WELL	DG	03/08/2016	LO	123-40578	DOCHEFF 32N-13HZ	PR	<input checked="" type="checkbox"/>
439854	WELL	DG	03/06/2016	LO	123-40579	DOCHEFF 12N-13HZ	PR	<input checked="" type="checkbox"/>
439855	WELL	DG	03/07/2016	LO	123-40580	DOCHEFF 32N-15HZ	PR	<input checked="" type="checkbox"/>

Equipment:**Location Inventory**

Inspector Name: Carlile, Craig

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>6</u>	Production Pits: _____
Condensate Tanks: <u>1</u>	Water Tanks: <u>3</u>	Separators: <u>14</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: <u>2</u>	Pump Jacks: <u>6</u>
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: <u>1</u>	Oil Tanks: <u>0</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY			

Emergency Contact Number (S/AR): _____

Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?

Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
SEPARATOR	SATISFACTORY	Pipe		
IGNITOR/COMBUST OR	SATISFACTORY	Pipe		
TANK BATTERY	SATISFACTORY	Pipe		

Equipment:

Type: LACT	# 2	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Horizontal Heated Separator	# 12	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Compressor	# 3	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Emission Control Device	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:

Tanks and Berms:

☐ New Tank

Tank ID: _____

Contents	#	Capacity	Type	SE GPS
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Inspector Name: Carlile, Craig

CRUDE OIL	1	300 BBLS	STEEL AST	40.225850,-104.974000
S/AR	Comment:			
Corrective Action:				Corrective Date:
<u>Paint</u>				
Condition				
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				

<u>Venting:</u>	
Yes/No	
Comment	

<u>Flaring:</u>	
Type	Satisfactory/Action Required
Comment:	
Corrective Action:	Correct Action Date:

<u>Predrill</u>			
Location ID:	439853		
Lease Road Adeq.:	Pads:	Soil Stockpile:	
<u>S/AR:</u>			
Corrective Action:	Date:	CDP Num.:	

Form 2A COAs:

Group	User	Comment	Date
OGLA	notojohn	Operator shall provide notice to COGCC 48 hours prior to commencing construction of this Oil and Gas Location via Form 42.	11/05/2014

<u>S/AR:</u>	<u>Comment:</u>
<u>CA:</u>	<u>Date:</u>

Wildlife BMPs:

BMP Type	Comment
Planning	<p>604c.(2).R. Tank Specifications: A geosynthetic liner will be laid under the tanks on this location and a metal containment will be constructed. Storage tanks will be designed, constructed and maintained in accordance with National Fire Protection Association (NFPA) Code 30 (2008 version). KMG will maintain written records to verify proper design, construction and maintenance. All records will be available for inspection by the Director.</p> <p>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.</p>

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.
Noise mitigation	604c.(2).A. Noise: Pending a safety review after construction of the location, sound mitigation barriers (hay bales) will be placed on the pad location to dampen noise during drilling and completions to the nearby building units. Sound surveys that have been conducted on each rig type are utilized to anticipate any additional noise mitigation once a drilling rig is determined.
Planning	604c.(2).E. Multiwell Pads: In order to reduce surface impact, this application is for a six-well pad.
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.
Material Handling and Spill Prevention	604c.(2).F. Leak Detection Plan: Automation technology will be utilized at this facility. This technology includes the use of fluid level monitoring for the tanks and produced water sumps, high-level shut offs, and electronic sensors to monitor the interstitial space of double-walled produced water sumps. All automation is monitored by Kerr-McGee's Integrated Operations Center (IOC,) which is manned 24 hours per day, 7 days per week.
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.
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 ponds located 775' E and 835' E of the proposed oil and gas location.
General Housekeeping	604c.(2).O. Loadlines: All loadlines shall be bullplugged or capped.
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.
Drilling/Completion Operations	604c.(2).C. Green Completions: KMG will install Vapor Recovery Unit(s) (VRU) to prevent uncontrolled venting of flash gas. Environmental Control Devices or Volatile Organic Compound Combustors (VOC) will be used to control working and breathing vapor losses for oil and water tanks. Temporary above ground polyethylene water pipelines will deliver water to location operations from larger trunk lines to reduce truck traffic and minimize air pollution.
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.
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).
Planning	604c.(2).S. Access Roads: KMG will utilize a lease access road from County Road 32 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.
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.
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.
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.
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.

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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.
Planning	604c.(2).V. Development From Existing Well Pads: Drilling from an existing well pad was not feasible for the development of the wells on this proposed oil and gas location; however, this well pad will be considered for future well locations.
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.
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.

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

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: 439850 Type: WELL API Number: 123-40575 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface.

CA: _____

CA Date: _____

Facility ID: 439851 Type: WELL API Number: 123-40576 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface.

CA:

CA Date:

Facility ID: 439852 Type: WELL API Number: 123-40577 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface.

CA:

CA Date:

Facility ID: 439853 Type: WELL API Number: 123-40578 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface.

CA:

CA Date:

Facility ID: 439854 Type: WELL API Number: 123-40579 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface.

CA:

CA Date:

Facility ID: 439855 Type: WELL API Number: 123-40580 Status: DG Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead plumbed to surface.

CA:

CA Date:

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): Y _____

Comment: _____

Pilot: ON _____

Wildlife Protection Devices (fired vessels): YES _____

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____

Date Interim Reclamation Completed: _____

Land Use: IMPROVED PASTURE

Comment: _____

1003a. Waste and Debris removed? Pass _____

CM _____

CA _____ CA Date _____

Unused or unneeded equipment onsite? Pass _____

CM _____

CA _____ CA Date _____

Pit, cellars, rat holes and other bores closed? _____

CM _____

CA _____ CA Date _____

Guy line anchors marked? _____

CM _____

CA _____ CA Date _____

1003b. Area no longer in use? _____

Production areas stabilized ? Pass _____

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 REVEGETATIONCropland

Top soil replaced _____

Recontoured _____

Perennial forage re-established _____

Non-Cropland

Top soil replaced _____

Recontoured _____

80% Revegetation _____

1003 f. Weeds Noxious weeds? _____

Comment: _____

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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					

S/A/V: SATISFACTORY

Corrective Date: _____

Comment: _____

CA: _____

Pits: ☒ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Initial inspection of new facilities. Ground work completed for reclamation is awaiting seeding.	carlilec	09/12/2016