

**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:

01/07/2016

Document Number:

674003310

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	159582	302872	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
Avant, Paul	(720) 929-6457	Paul.Avant@Anadarko.com	All Inspections
, Reddy		luke.reddy@anadarko.com	
, Inspections		COGCCinspections@Anadarko.com	All Inspections

Compliance Summary:QtrQtr: NENE Sec: 28 Twp: 3N Range: 65W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
159570	WELL	DG	03/17/2015	LO	123-40945	CHEESE 37N-28HZ	WO	<input checked="" type="checkbox"/>
159571	WELL	DG	03/14/2015	LO	123-40946	CHEESE STATE 26N-21HZ	WO	<input checked="" type="checkbox"/>
159572	WELL	DG	03/12/2015	LO	123-40947	CHEESE STATE 26C-21HZ	WO	<input checked="" type="checkbox"/>
159573	WELL	DG	03/16/2015	LO	123-40948	CHEESE STATE 1N-21HZ	WO	<input checked="" type="checkbox"/>
159574	WELL	DG	03/11/2015	LO	123-40949	CREAM STATE 28C-21HZ	WO	<input checked="" type="checkbox"/>
159575	WELL	DG	03/15/2015	LO	123-40950	CHEESE 16N-28HZ	WO	<input checked="" type="checkbox"/>
159576	WELL	DG	03/08/2015	LO	123-40951	CREAM 15N-A28HZ	WO	<input checked="" type="checkbox"/>
159580	WELL	DG	03/18/2015	LO	123-40955	CHEESE STATE 27N-21HZ	WO	<input checked="" type="checkbox"/>
159581	WELL	DG	03/13/2015	LO	123-40956	CHEESE 38N-28HZ	WO	<input checked="" type="checkbox"/>
159582	WELL	DG	03/11/2015	LO	123-40957	CHEESE 38C-28HZ	WO	<input checked="" type="checkbox"/>

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159583	WELL	DG	03/06/2015	LO	123-40958	CREAM STATE 2N-21HZ	WO	<input checked="" type="checkbox"/>
159584	WELL	DG	03/04/2015	LO	123-40959	CREAM 15C-28HZ	WO	<input checked="" type="checkbox"/>
159585	WELL	DG	03/10/2015	LO	123-40960	CREAM 36N-28HZ	WO	<input checked="" type="checkbox"/>
159587	WELL	DG	03/09/2015	LO	123-40962	CREAM STATE 28N-21HZ	WO	<input checked="" type="checkbox"/>
159588	WELL	DG	03/05/2015	LO	123-40963	CREAM STATE 2C-21HZ	WO	<input checked="" type="checkbox"/>
159589	WELL	DG	03/03/2015	LO	123-40964	CREAM 37N-28HZ	WO	<input checked="" type="checkbox"/>
159590	WELL	DG	03/07/2015	LO	123-40965	CREAM 15N-B28HZ	DG	<input checked="" type="checkbox"/>
301326	WELL	PR	04/13/2010	OW	123-29959	MOSER H 28-27	PR	<input type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>19</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: <u>17</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**Lease Road:**

Type	Satisfactory/Action Required	comment	Corrective Action	Date

Signs/Marker:

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

Emergency Contact Number (S/AR): SATISFACTORY

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

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

Equipment:					
Type: Vertical Separator	# 4	Satisfactory/Action Required: SATISFACTORY			
Comment					
Corrective Action				Date:	

Facilities:					
<input type="checkbox"/> New Tank		Tank ID: _____			
Contents	#	Capacity	Type	SE GPS	
PRODUCED WATER	10	500 BBLS	STEEL AST	,	
S/AR	Comment: Temporary track tanks for flow back process.				
Corrective Action:				Corrective Date:	

Paint				
Condition	Adequate			
Other (Content)				
Other (Capacity)				
Other (Type)				

Berms					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Other	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment	Temporary barrier with lining.				

Venting:	
Yes/No	
Comment	

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

Predrill			
Location ID: 159582			
Site Preparation:			
Lease Road Adeq.: _____		Pads: _____	Soil Stockpile: _____
S/AR: _____			
Corrective Action: _____		Date: _____	CDP Num.: _____
Form 2A COAs:			
Group	User	Comment	Date
OGLA	treitzz	Operator shall provide notice to COGCC 48 hours prior to commencing construction of this Oil and Gas Location via Form 42.	12/17/2014

OGLA	treitzr	For on-site dill cuttings staging, management, treatment, and disposal, complete the COGCC Land Application Plan Checklist, provide any additional information not provided in the Waste Management Plan and submit the information via Form 4 Sundry. COGCC will create a Land Application Facility ID. The Land Application Facility shall be managed in accordance with the COGCC Policy on Drill Cuttings Management.	01/09/2015
Agency	youngr	Location is in a sensitive area because of shallow groundwater; therefore, either a lined drilling pit or closed loop system is required.	05/24/2010

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

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
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.
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.
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.
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.
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.
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.
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).E. Multiwell Pads: In order to reduce surface impact, this application is for a nine-well pad (Cream) and an eight-well pad (Cheese).
Noise mitigation	604c.(2).A. Noise: Pending a safety review after construction of the location, sound mitigation barriers (hay bales) will be placed along the northeastern side of the pad location to damper 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.
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).
General Housekeeping	604c.(2).O. Loadlines: All loadlines shall be bullplugged or capped.
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.
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).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.

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Planning	604c.(2).S. Access Roads: KMG will utilize a lease access road from County Road 30 for drilling operations and maintenance equipment. The road will be properly constructed and maintained to accommodate for local emergency vehicle access. Dust mitigation will be implemented on the access road for this location. 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).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.
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.
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.

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: 159570 Type: WELL API Number: 123-40945 Status: DG Insp. Status: WO

Facility ID: 159571 Type: WELL API Number: 123-40946 Status: DG Insp. Status: WO

Facility ID: 159572 Type: WELL API Number: 123-40947 Status: DG Insp. Status: WO

Facility ID: 159573 Type: WELL API Number: 123-40948 Status: DG Insp. Status: WO

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Facility ID:	159574	Type:	WELL	API Number:	123-40949	Status:	DG	Insp. Status:	WO
Facility ID:	159575	Type:	WELL	API Number:	123-40950	Status:	DG	Insp. Status:	WO
Facility ID:	159576	Type:	WELL	API Number:	123-40951	Status:	DG	Insp. Status:	WO
Facility ID:	159580	Type:	WELL	API Number:	123-40955	Status:	DG	Insp. Status:	WO
Facility ID:	159581	Type:	WELL	API Number:	123-40956	Status:	DG	Insp. Status:	WO
Facility ID:	159582	Type:	WELL	API Number:	123-40957	Status:	DG	Insp. Status:	WO
Facility ID:	159583	Type:	WELL	API Number:	123-40958	Status:	DG	Insp. Status:	WO
Facility ID:	159584	Type:	WELL	API Number:	123-40959	Status:	DG	Insp. Status:	WO
Facility ID:	159585	Type:	WELL	API Number:	123-40960	Status:	DG	Insp. Status:	WO
Facility ID:	159587	Type:	WELL	API Number:	123-40962	Status:	DG	Insp. Status:	WO
Facility ID:	159588	Type:	WELL	API Number:	123-40963	Status:	DG	Insp. Status:	WO
Facility ID:	159589	Type:	WELL	API Number:	123-40964	Status:	DG	Insp. Status:	WO
Facility ID:	159590	Type:	WELL	API Number:	123-40965	Status:	DG	Insp. Status:	DG

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: DRY LAND, IRRIGATED

Comment: _____

1003a. Waste and Debris removed? _____

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 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: DRY LAND, 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 _____

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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

COGCC Comments

Comment	User	Date
Toured location with flow back contractor supervisor (Levi). Wells are being produced through casing in pairs, balanced with equivalent pressures, battery location selling gas and oil. No flaring on location.	carlilec	01/07/2016