

**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:

06/23/2016

Document Number:

673902154

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	441274	441273	MONTOYA, JOHN	<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
REDDY, LUKE		Luke.Reddy@anadarko.com	ALL INSPECTIONS
,		COGCCinspections@anadarko.com	All Inspections
Green, Doreen	720-929-6475	doreen.green@anadarko.com	regulatory

Compliance Summary:QtrQtr: SESE Sec: 9 Twp: 1N Range: 65W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
01/15/2016	671106151	DG	AO	SATISFACTORY			No

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
441268	WELL	PR	03/07/2016	OW	123-41325	JOKER 26N1-9HZ	PR	<input checked="" type="checkbox"/>
441269	WELL	PR	01/01/2016	OW	123-41326	JOKER 1N1-9HZ	PR	<input checked="" type="checkbox"/>
441270	WELL	PR	02/01/2016	OW	123-41327	JOKER 27N2-9HZ	PR	<input checked="" type="checkbox"/>
441271	WELL	PR	02/01/2016	OW	123-41328	JOKER 1N2-9HZ	PR	<input checked="" type="checkbox"/>
441272	WELL	PR	03/10/2016	OW	123-41329	JOKER 27N1-9HZ	PR	<input checked="" type="checkbox"/>
441274	WELL	PR	03/09/2016	OW	123-41330	JOKER 26N2-9HZ	PR	<input checked="" type="checkbox"/>
441275	WELL	PR	02/01/2016	OW	123-41331	JOKER 1N3-9HZ	PR	<input checked="" type="checkbox"/>

Equipment:**Location Inventory**

Inspector Name: MONTOYA, JOHN

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>7</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: <u>7</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
Main	SATISFACTORY			

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	SATISFACTORY			
CONTAINERS	SATISFACTORY			
WELLHEAD	SATISFACTORY	SE CORNER 40.03626W- 104.39738		
BATTERY	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: VRU	# 2	Satisfactory/Action Required:	SATISFACTORY
Comment	SE CORNER N 40.03658 W-104.39864		
Corrective Action			Date:
Type: Plunger Lift	# 7	Satisfactory/Action Required:	SATISFACTORY
Comment			

Corrective Action		Date:
Type: LACT	# 1	Satisfactory/Action Required: SATISFACTORY
Comment	SE CORNER N40.03658 W-104.39864	
Corrective Action		Date:
Type: Other	# 2	Satisfactory/Action Required: SATISFACTORY
Comment	2 POLISH UNITS SE CORNER N40.03659 W-104.39864	
Corrective Action		Date:
Type: Compressor	# 1	Satisfactory/Action Required: SATISFACTORY
Comment	AIR COMPRESSOR N40.03658 W-104.39864	
Corrective Action		Date:
Type: Horizontal Heated Separator	# 7	Satisfactory/Action Required: SATISFACTORY
Comment	SE CORNER 1 GAS METER ON EACH SEPERATOR TOTAL OF 8 N40.03658 W-104.39864	
Corrective Action		Date:
Type: Horizontal Separator	# 2	Satisfactory/Action Required: SATISFACTORY
Comment	2 SEPERATORS FOR GAS LIQUID BREAK OUT FOR ECD'S SE CORNER N40.03658 W-104.39864	
Corrective Action		Date:
Type: Emission Control Device	# 1	Satisfactory/Action Required: SATISFACTORY
Comment	SE CORNER N40.03658 W-104.39864	
Corrective Action		Date:
Type: Ancillary equipment	# 3	Satisfactory/Action Required: SATISFACTORY
Comment	1 METHANOL PUMP AT BATTERY, 350 GALLON STORAGE TANK 2 CHEMICAL PUMPS AT WELLHEADS	
Corrective Action		Date:
Type: Vertical Separator	# 2	Satisfactory/Action Required: SATISFACTORY
Comment	SE CORNER N40.03658 W-104.39864	
Corrective Action		Date:
Type: Bird Protectors	# 8	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action		Date:

Type: Gas Meter Run	# 9	Satisfactory/Action Required: SATISFACTORY
Comment	SE CORNER N40.03658 W-104.39864	
Corrective Action	Date:	
Type: Other	# 7	Satisfactory/Action Required: SATISFACTORY
Comment	500 BBL FRAC TANKS FOR WATER PRODUCTION DERM AROUND TANKS SE CORNER N40.03685 W-104.39849	
Corrective Action	Date:	

Facilities:	<input type="checkbox"/> New Tank	Tank ID: _____
Contents	#	Capacity
CRUDE OIL	1	300 BBLS
Type	STEEL AST	
SE GPS	40.036890,-104.398640	
S/AR	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
PRODUCED WATER	2	200 BBLS
Type	PBV FIBERGLASS	
SE GPS	,	
S/AR	SATISFACTORY	Comment: 2 PRODUCED WATER TANKS CAPACITY 210 BBLS
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				

Venting:

Yes/No	NO
Comment	

Flaring:

Type	Ignitor/Combustor	Satisfactory/Action Required	SATISFACTORY
Comment:			
Corrective Action:		Correct Action Date:	

Predrill

Location ID: 441274

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

S/AR: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	treitzr	Thoroughly evaluate soil profiles to properly characterize and excavate topsoil based on Rule 1002.b. Clearly mark the topsoil pile based on characterization and implement BMPs to stabilize and prevent stockpile erosion.	03/04/2015
OGLA	treitzr	Operator shall provide notice to COGCC 48 hours prior to commencing construction of this Oil and Gas Location via Form 42.	03/04/2015
OGLA	treitzr	Implement stormwater BMPs to prevent impacts to the downgradient pond that is approximately 273 feet north of the site. Impacts include erosion, runoff, concentrated flow that could impact the surface water body.	03/04/2015

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

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
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.
Planning	604c.(2).S. Access Roads: KMG will utilize a lease access road from CR 10 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).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.
Storm Water/Erosion Control	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 Pond: 273' N 4945', Ditch: 693' N 4940', Pond: 771' NE 4945', and Ditch: 953' N 4940' of the proposed oil and gas location.
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).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).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.

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.
Storm Water/Erosion Control	604c.(2).W. Site-Specific Measures: KMG maintains a Storm Water 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.
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.
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 south and east sides of the pad location to dampen noise during drilling and completions to the nearby residences and to Weld County Roads 10 and 43. Sound surveys that have been conducted on each rig type are utilized to anticipate any additional noise mitigation once a drilling rig is determined.
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.
General Housekeeping	604c.(2).O. Loadlines: All loadlines shall be bullplugged or capped.
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.
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.
Planning	604c.(2).E. Multi-Well Pads: In order to reduce surface impact, this application is for a 7-well pad.
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).
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.
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.

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:

Inspector Name: MONTOYA, JOHN

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: 441268 Type: WELL API Number: 123-41325 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 441269 Type: WELL API Number: 123-41326 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 441270 Type: WELL API Number: 123-41327 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 441271 Type: WELL API Number: 123-41328 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 441272 Type: WELL API Number: 123-41329 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 441274 Type: WELL API Number: 123-41330 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 441275 Type: WELL API Number: 123-41331 Status: PR Insp. Status: PR

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 : _____
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

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? Pass

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? Pass Subsidence over on drill pit? Pass

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: _____

Overall Interim Reclamation _____

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____

Date Final Reclamation Completed: _____

Final Land Use: DRY LAND

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	Gravel	Pass			

S/A/V: SATISFACTOR
Y _____

Corrective Date: _____

Comment: _____

CA: _____

Pits: ☒ NO SURFACE INDICATION OF PIT**COGCC Comments**

Comment	User	Date
INTERMITTER CONTROLLER ON 7 WELLHEADS	montoyaj	06/23/2016

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

Document Num	Description	URL
673902154	INSPECTION APPROVED	http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3885980