

**FORM
INSP**Rev
X/15**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:

07/31/2017

Submitted Date:

07/31/2017

Document Number:

688400023**FIELD INSPECTION FORM**
 Loc ID _____ Inspector Name: _____ On-Site Inspection ☐
 425699 _____ Gomez, Jason _____ 2A Doc Num: _____
Operator Information:OGCC Operator Number: 47120Name of Operator: KERR MCGEE OIL & GAS ONSHORE LPAddress: P O BOX 173779City: DENVER State: CO Zip: 80217-**Status Summary:**

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

Findings:55 Number of Comments5 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Ash, Margaret		margaret.ash@state.co.us	
Burn, Diana		diana.burn@state.co.us	
Mah, Steven		steven.mah@state.co.us	
Leonard, Mike		mike.leonard@state.co.us	
Mattox, Jennifer	303-692-3144	jennifer.mattox@state.co.us	environmental protection specialist
, Inspections		COGCCinspections@Anadarko.com	All Inspections
Precup, Jim		james.precup@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
425687	WELL	SI	05/01/2017	OW	123-34463	NORTHGLENN STATE 24-36	SI
425688	WELL	SI	05/01/2017	OW	123-34464	NORTHGLENN STATE 33-36	SI
425689	WELL	SI	05/01/2017	OW	123-34465	NORTHGLENN STATE 16-36	SI
425690	WELL	SI	05/01/2017	OW	123-34466	NORTHGLENN STATE 12-36	SI
425691	WELL	SI	05/01/2017	OW	123-34467	NORTHGLENN STATE 39-36	SI
425692	WELL	PR	09/17/2012	OW	123-34468	NORTHGLENN STATE 32-36	PA
425693	WELL	SI	05/01/2017	OW	123-34469	NORTHGLENN STATE 19-36X	SI
425694	WELL	SI	05/01/2017	OW	123-34470	NORTHGLENN STATE 15-36	SI
425695	WELL	SI	05/01/2017	GW	123-34471	NORTHGLENN STATE 10-36	SI
425696	WELL	SI	05/01/2017	OW	123-34472	NORTHGLENN STATE 23-36	SI
425697	WELL	SI	05/01/2017	OW	123-34473	NORTHGLENN STATE 36-36	SI
425698	WELL	SI	05/01/2017	OW	123-34474	NORTHGLENN STATE 22-36	SI

425700	WELL	SI	05/01/2017	OW	123-34475	NORTHGLENN STATE 37-36	SI
425701	WELL	SI	05/01/2017	OW	123-34476	NORTHGLENN STATE 13-36	SI
425702	WELL	SI	05/01/2017	OW	123-34477	NORTHGLENN STATE 9-36	SI
425703	WELL	PR	07/06/2013	GW	123-34478	NORTHGLENN STATE 11-36	PA
425714	WELL	SI	05/01/2017	OW	123-34488	NORTHGLENN STATE 14-36	SI
425715	WELL	SI	05/01/2017	OW	123-34489	NORTHGLENN STATE 40-36	SI

General Comment:

LocationOverall Good: ☒

Signs/Marker:			
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
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Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		

Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment: Adequate

Corrective Action:

Date: _____

Good Housekeeping:

Type	UNUSED EQUIPMENT		
Comment:	2 -1" Fence supports not in use, unused.		
Corrective Action:		Date:	

Overall Good: ☒**Spills:**

Type	Area	Volume		
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In Containment: No

Comment:

☐ Multiple Spills and Releases?**Fencing/:**

Type	WELLHEAD		
Comment:	6' chain link fence around all wellheads		
Corrective Action:		Date:	
Type	TANK BATTERY		
Comment:	6' chain link		
Corrective Action:		Date:	
Type	SEPARATOR		
Comment:	6' chain link		

Corrective Action:		Date:
Equipment:		corrective date
Type: Gas Meter Run	# 1	
Comment:		
Corrective Action:		Date:
Type: Flow Line	# 17	
Comment: ECD--- 7-1" Steel active risers 5-2" Steel active risers 5-3" Steel active risers		
Corrective Action:		Date:
Type: Flow Line	# 16	
Comment: Wellhead---16-2" Steel active risers		
Corrective Action:		Date:
Type: Horizontal Heated Separator	# 5	
Comment:		
Corrective Action:		Date:
Type: Plunger Lift	# 16	
Comment:		
Corrective Action:		Date:
Type: Bird Protectors	# 7	
Comment:		
Corrective Action:		Date:
Type: Flow Line	# 5	
Comment: Separator---5-3" Steel active risers 45-2" Steel active risers 15-1" Steel active risers		
Corrective Action:		Date:
Type: Other	# 4	
Comment: 4 leaking valves at wellheads, repair valves and remove/remediate stained soil, see attached photos of leaks		
Corrective Action: Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d.		Date: 09/01/2017
Type: Pig Station	# 1	
Comment:		
Corrective Action:		Date:
Type: Flow Line	# 20	
Comment: Separator---5-3" Steel active risers 45-2" Steel active risers 15-1" Steel active risers		
Corrective Action:		Date:
Type: Flow Line	# 20	
Comment: Tanks--- 1-1" Steel active riser 13-2" Steel active risers 5-3" Steel active risers 2-4" PVC active risers		

Corrective Action:		Date:	
Type: Emission Control Device	# 2		
Comment:	South ECD has automated control valve bypassed open, venting to atmosphere		
Corrective Action:	Since the flaring or venting occurred after flowback without approval, contact the COGCC Area Engineer for next steps per Rule 912.b. Refer to the venting and flaring NTO for further details.	Date:	08/01/2017
Type: Flow Line	# 20		
Comment:	Separator---5-3" Steel active risers 45-2" Steel active risers 15-1" Steel active risers		
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	Tanks--- 1-1" Steel active riser 13-2" Steel active risers 5-3" Steel active risers 2-4" PVC active risers		
Corrective Action:		Date:	
Type: Flow Line	# 20		
Comment:	Separator---5-3" Steel active risers 45-2" Steel active risers 15-1" Steel active risers		
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	Sales Meter-1-4" Steel active riser		
Corrective Action:		Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
Comment:	LEAK IN TANK BATTERY FROM PIPING				
Corrective Action:	Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d.				Date: 09/01/2017

Paint

Condition	
Other (Content)	
Other (Capacity)	
Other (Type)	

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Comment:					
Corrective Action:				Date:	
Contents	#	Capacity	Type	Tank ID	SE GPS

PRODUCED WATER	2	OTHER	PBV FIBERGLASS			
Comment:						
Corrective Action:						Date:
<u>Paint</u>						
Condition						
Other (Content)						
Other (Capacity)	210 BBL					
Other (Type)						
<u>Berms</u>						
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Comment:	Shares with crude oil tanks					
Corrective Action:						Date:
Contents	#	Capacity	Type	Tank ID	SE GPS	
CRUDE OIL	6	OTHER	STEEL AST		40.001770,-104.950710	
Comment:	Subsidence on south east tank. See attached photo					
Corrective Action:	Repair or install berms or other secondary containment devices per Rule 605.a.(4).					Date: 08/30/2017
<u>Paint</u>						
Condition	Adequate					
Other (Content)						
Other (Capacity)	315 BBL					
Other (Type)						
<u>Berms</u>						
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate		
Comment:						
Corrective Action:						Date:
<u>Venting:</u>						
Yes/No	YES					
Comment:	Venting at south ECD from production tanks. See corrective action under ECD equipment					
Corrective Action:						Date:
<u>Flaring:</u>						
Type						
Comment:						
Corrective Action:						Date:

Inspected Facilities

Facility ID: 425687 Type: WELL API Number: 123-34463 Status: SI Insp. Status: SI

Idle Well

Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHead

Comment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425688 Type: WELL API Number: 123-34464 Status: SI Insp. Status: SI

Idle Well

Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHead

Comment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425689 Type: WELL API Number: 123-34465 Status: SI Insp. Status: SI

Idle Well

Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHead

Comment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425690 Type: WELL API Number: 123-34466 Status: SI Insp. Status: SI

Idle Well

Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHead

Comment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425691 Type: WELL API Number: 123-34467 Status: SI Insp. Status: SI

Idle WellPurpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHeadComment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425692 Type: WELL API Number: 123-34468 Status: PR Insp. Status: PAFacility ID: 425693 Type: WELL API Number: 123-34469 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHeadComment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425694 Type: WELL API Number: 123-34470 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHeadComment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425695 Type: WELL API Number: 123-34471 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHeadComment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425696 Type: WELL API Number: 123-34472 Status: SI Insp. Status: SI

Idle WellPurpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHeadComment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425697 Type: WELL API Number: 123-34473 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHeadComment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425698 Type: WELL API Number: 123-34474 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHeadComment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425700 Type: WELL API Number: 123-34475 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHeadComment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425701 Type: WELL API Number: 123-34476 Status: SI Insp. Status: SI

Idle WellPurpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHeadComment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425702 Type: WELL API Number: 123-34477 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHeadComment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425703 Type: WELL API Number: 123-34478 Status: PR Insp. Status: PAFacility ID: 425714 Type: WELL API Number: 123-34488 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHeadComment: Plumbed to surface

Corrective Action:

Date:

Facility ID: 425715 Type: WELL API Number: 123-34489 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

Comment: SI

Corrective Action:

Date:

BradenHeadComment: Plumbed to surface

Corrective Action:

Date:

Environmental

Spill/Remediation:

Comment:

Corrective
Action:

Date:

Emission Control Burner (ECB): YES

Comment: SI

Pilot: OFF

Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Gravel	Pass	Gravel	Pass			
Compaction	Pass	Compaction	Pass			

Comment:

Corrective Action:

Date:

Pits: ☒ NO SURFACE INDICATION OF PIT

Optical Gas Imaging SurveySurvey Type: RoutineCurrent Operations: ☒ Production ☐ Workover ☐ Flowback ☐ Referred to APCDGPS(entrance of location): Lat: 40.002250 Long: -104.951400Wind: Light Speed: 2-4 (mph) Direction From: SE Weather: Partly Temperature: 80 (F)

Assisting Staff: _____ Camera #: _____

☐ Visible Smoke ☒ Referred to CDPHE

Times Surveyed

Equipment Surveyed

Time Survey Start	AM/PM	Time Survey End	AM/PM	Equipment
10:54	AM	10:56	AM	Other

Comment: ECD shut off pby passed by pin venting gas from tanks Gas being vented or flared during non-upset condition without prior approval from COGCCCorrective Action: Since the flaring or venting occurred after flowback without approval, contact the COGCC Area Engineer for next steps per Rule 912.b. Refer to the venting and flaring NTO for further details.Date: 08/01/2017**Attached Documents**You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
688400024	Thermal Imagery of venting gas	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4212817
688400025	NORTHGLENN PHOTOS	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4212818