

**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 |
|----|----|----|----|
|----|----|----|----|

Inspection Date:

06/10/2015

Document Number:

674002405

Overall Inspection:

**ACTION REQUIRED****FIELD INSPECTION FORM**

|                     |             |        |                 |                          |             |
|---------------------|-------------|--------|-----------------|--------------------------|-------------|
| Location Identifier | Facility ID | Loc ID | Inspector Name: | On-Site Inspection       | 2A Doc Num: |
|                     | 289815      | 336289 | 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: NWSW Sec: 35 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) |
|------------|-----------|------------|-------------|-------------------------------|----------|----------------|-----------------|
| 09/28/2012 | 667600825 | PR         | PR          | SATISFACTORY                  | P        |                | No              |
| 08/07/2012 | 667600635 | PR         | PR          | <b>ACTION REQUIRED</b>        | F        |                | No              |
| 02/23/2011 | 200300196 | SR         | PR          | SATISFACTORY                  | I        |                | No              |
| 07/10/2009 | 200228916 | PR         | PR          | SATISFACTORY                  |          |                | No              |

**Inspector Comment:****Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name           | Insp Status |                                     |
|-------------|------|--------|-------------|------------|-----------|-------------------------|-------------|-------------------------------------|
| 289815      | WELL | PR     | 05/23/2010  | OW         | 123-24922 | CARMA 12-35             | PR          | <input checked="" type="checkbox"/> |
| 289816      | WELL | PR     | 08/02/2011  | OW         | 123-24921 | CARMA 11-35             | PR          | <input checked="" type="checkbox"/> |
| 290566      | WELL | PR     | 11/19/2008  | OW         | 123-25140 | CARMA 32-35             | PR          | <input checked="" type="checkbox"/> |
| 290677      | WELL | PR     | 03/12/2014  | GW         | 123-25188 | CARMA 22-35             | PR          | <input checked="" type="checkbox"/> |
| 435524      | WELL | PR     | 04/10/2015  | OW         | 123-38631 | BAREFOOT STATE 9C-36HZ  | PR          | <input checked="" type="checkbox"/> |
| 435525      | WELL | PR     | 04/10/2015  | OW         | 123-38632 | BAREFOOT STATE 40N-36HZ | 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: _____      | Water Tanks: <u>3</u>   | Separators: <u>14</u> | Electric Motors: _____  |
| Gas or Diesel Mortors: _____ | Cavity Pumps: _____     | LACT Unit: <u>1</u>   | Pump Jacks: <u>2</u>    |
| Electric Generators: _____   | Gas Pipeline: _____     | Oil Pipeline: _____   | Water Pipeline: _____   |
| Gas Compressors: _____       | VOC Combustor: <u>3</u> | Oil Tanks: <u>14</u>  | Dehydrator Units: _____ |
| Multi-Well Pits: _____       | Pigging Station: _____  | Flare: <u>1</u>       | Fuel Tanks: _____       |

### Location

#### Signs/Marker:

| Type                 | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|----------------------|------------------------------|---------|-------------------|---------|
| TANK LABELS/PLACARDS | SATISFACTORY                 |         |                   |         |
| WELLHEAD             | SATISFACTORY                 |         |                   |         |
| BATTERY              | SATISFACTORY                 |         |                   |         |

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

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

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

#### Spills:

| Type | Area | Volume | Corrective action | CA Date |
|------|------|--------|-------------------|---------|
|------|------|--------|-------------------|---------|

☐ Multiple Spills and Releases?

#### Fencing/:

| Type               | Satisfactory/Action Required | Comment      | Corrective Action | CA Date |
|--------------------|------------------------------|--------------|-------------------|---------|
| TANK BATTERY       | SATISFACTORY                 | Metal Picket |                   |         |
| OTHER              | SATISFACTORY                 | LACT         |                   |         |
| SEPARATOR          | SATISFACTORY                 | Metal Picket |                   |         |
| IGNITOR/COMBUST OR | SATISFACTORY                 | Metal Picket |                   |         |

#### Equipment:

| Type                        | # | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|-----------------------------|---|------------------------------|---------|-------------------|---------|
| Vertical Separator          | 2 | SATISFACTORY                 |         |                   |         |
| Gas Meter Run               | 1 | SATISFACTORY                 |         |                   |         |
| Horizontal Heated Separator | 5 | SATISFACTORY                 |         |                   |         |
| Emission Control Device     | 4 | SATISFACTORY                 |         |                   |         |
| Compressor                  | 3 | SATISFACTORY                 |         |                   |         |
| Plunger Lift                | 6 | SATISFACTORY                 |         |                   |         |
| Pig Station                 | 3 | SATISFACTORY                 |         |                   |         |
| Bird Protectors             | 9 | SATISFACTORY                 |         |                   |         |
| LACT                        | 1 | SATISFACTORY                 |         |                   |         |

#### Facilities:

☐ New Tank

Tank ID: \_\_\_\_\_

Inspector Name: Carlile, Craig

|                    |              |          |           |                      |
|--------------------|--------------|----------|-----------|----------------------|
| Contents           | #            | Capacity | Type      | SE GPS               |
| CRUDE OIL          | 1            | 300 BBLS | STEEL AST | 40.180710,104.977660 |
| S/A/V:             | SATISFACTORY |          | Comment:  |                      |
| Corrective Action: |              |          |           | Corrective Date:     |

Paint

|           |          |
|-----------|----------|
| Condition | Adequate |
|-----------|----------|

Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

|                   |          |                     |                     |                 |
|-------------------|----------|---------------------|---------------------|-----------------|
| Type              | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance     |
| Metal             | Adequate | Walls Sufficent     | Base Sufficient     | Adequate        |
| Corrective Action |          |                     |                     | Corrective Date |
| Comment           |          |                     |                     |                 |

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

|                    |              |          |                |                  |
|--------------------|--------------|----------|----------------|------------------|
| Contents           | #            | Capacity | Type           | SE GPS           |
| PRODUCED WATER     | 1            | OTHER    | PBV FIBERGLASS | ,                |
| S/A/V:             | SATISFACTORY |          | Comment:       |                  |
| Corrective Action: |              |          |                | Corrective Date: |

Paint

|           |          |
|-----------|----------|
| Condition | Adequate |
|-----------|----------|

Other (Content) \_\_\_\_\_

Other (Capacity) 210 Bbl

Other (Type) \_\_\_\_\_

Berms

|                   |                            |                     |                     |                 |
|-------------------|----------------------------|---------------------|---------------------|-----------------|
| Type              | Capacity                   | Permeability (Wall) | Permeability (Base) | Maintenance     |
|                   |                            |                     |                     |                 |
| Corrective Action |                            |                     |                     | Corrective Date |
| Comment           | Shared with Crude Oil Tank |                     |                     |                 |

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

|                    |                 |          |           |                       |
|--------------------|-----------------|----------|-----------|-----------------------|
| Contents           | #               | Capacity | Type      | SE GPS                |
| PRODUCED WATER     | 4               | 400 BBLS | STEEL AST | 40.180740,-104.977490 |
| S/A/V:             | ACTION REQUIRED |          | Comment:  |                       |
| Corrective Action: |                 |          |           | Corrective Date:      |

Paint

|           |  |
|-----------|--|
| Condition |  |
|-----------|--|

Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

|      |          |                     |                     |             |
|------|----------|---------------------|---------------------|-------------|
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
|------|----------|---------------------|---------------------|-------------|

Inspector Name: Carlile, Craig

|                   |  |                    |                 |            |                            |
|-------------------|--|--------------------|-----------------|------------|----------------------------|
| Earth             | Inadequate   | Walls Insufficient | Base Sufficient | Inadequate |                            |
| Corrective Action | Submit documentation to COGCC documenting the dimensions are sufficient to hold 1200 Bbls. Maintenance required on existing berm. See Photos |                    |                 |            | Corrective Date 07/31/2015 |
| Comment           |  |                    |                 |            |                            |

|                 |         |  |
|-----------------|---------|--|
| <b>Venting:</b> |         |  |
| Yes/No          | Comment |  |
|                 |         |  |

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

**Predrill**

Location ID: 289815

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/A/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:****S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:**

| BMP Type                               | Comment  |
|--|--|
| Planning                               | The nearest building unit is located 1,331' away from this oil and gas location, therefore it is not within a Designated Setback Location and is exempt from 604.c.  |
| Material Handling and Spill Prevention | 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 ditch located 298' southwest of the oil and gas location. |

**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: 289815 Type: WELL API Number: 123-24922 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface.

CA:

CA Date:

Facility ID: 289816 Type: WELL API Number: 123-24921 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface.

CA:

CA Date:

Facility ID: 290566 Type: WELL API Number: 123-25140 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface.

CA:

CA Date:

Facility ID: 290677 Type: WELL API Number: 123-25188 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface.

CA:

CA Date:

Facility ID: 435524 Type: WELL API Number: 123-38631 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface.

CA:

CA Date:

Facility ID: 435525 Type: WELL API Number: 123-38632 Status: PR 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: RANGELAND

Comment: \_\_\_\_\_

1003a. Debris removed? Pass CM \_\_\_\_\_ CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Waste Material Onsite? 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 removed? \_\_\_\_\_ 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? \_\_\_\_\_

Inspector Name: Carlile, Craig

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: RANGELAND

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                  |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|--------------------------|
|                  |                 |                         |                       | VT            | Pass                     | At entry to county road. |
|                  |                 | Gravel                  | Pass                  |               |                          |                          |
|                  |                 | Ditches                 | Pass                  |               |                          |                          |
|                  |                 | Check Dams              | Pass                  |               |                          |                          |
| Gravel           | Pass            |                         |                       |               |                          |                          |
|                  |                 | Waddles                 | Pass                  |               |                          |                          |

S/A/V: SATISFACTOR  
Y

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

Comment: \_\_\_\_\_

CA: \_\_\_\_\_

Pits: ☒ NO SURFACE INDICATION OF PIT

**COGCC Comments**



| Comment  | User     | Date       |
|--|----------|------------|
| Initial inspection. Battery has 4-400 Bbl produced water tanks on east side of battery. Berm appears insufficient in both design and maintenance to hold 1200 Bbl tanks. See photos. | carlilec | 06/10/2015 |

**Attached Documents**

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

| Document Num | Description                      | URL   |
|--------------|----------------------------------|---|
| 674002408    | Produced Water Tanks             | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3623281">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3623281</a> |
| 674002409    | Berm free board                  | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3623282">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3623282</a> |
| 674002410    | Manifold open to tanks (typical) | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3623283">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3623283</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.)