

FORM  
INSPRev  
05/11State 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:

07/29/2013

Document Number:

668300600

Overall Inspection:

Satisfactory

## FIELD INSPECTION FORM

|                     |             |        |                  |                          |             |
|---------------------|-------------|--------|------------------|--------------------------|-------------|
| Location Identifier | Facility ID | Loc ID | Inspector Name:  | On-Site Inspection       | 2A Doc Num: |
|                     | 421673      | 318671 | JOHNSON, RANDELL | <input type="checkbox"/> |             |

## Operator Information:

OGCC Operator Number: 47120 Name of Operator: KERR-MCGEE OIL & GAS ONSHORE LP

Address: P O BOX 173779

City: DENVER State: CO Zip: 80217-

## Contact Information:

| Contact Name | Phone                             | Email                   | Comment                    |
|--------------|-----------------------------------|-------------------------|----------------------------|
| Avant, Paul  | O:720-929-6457,<br>C:720-273-2688 | paul.avant@anadarko.com | Rockies Regulatory Affairs |

## Compliance Summary:

QtrQtr: SWSW Sec: 8 Twp: 2N Range: 65W

## Inspector Comment:

## Related Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name |                                     |
|-------------|------|--------|-------------|------------|-----------|---------------|-------------------------------------|
| 241870      | WELL | PR     | 01/02/1998  | OG         | 123-09661 | FIELDS 1      | <input type="checkbox"/>            |
| 421673      | WELL | PR     | 02/07/2012  | OW         | 123-33004 | MARKHAM 13-8  | <input checked="" type="checkbox"/> |
| 421676      | WELL | PR     | 04/04/2012  | OW         | 123-33007 | MARKHAM 35-8  | <input checked="" type="checkbox"/> |
| 421684      | WELL | PR     | 04/04/2012  | OW         | 123-33014 | MARKHAM 34-8  | <input checked="" type="checkbox"/> |

## Equipment:

## Location Inventory

|                              |                        |                     |                         |
|------------------------------|------------------------|---------------------|-------------------------|
| Special Purpose Pits: _____  | Drilling Pits: 1       | Wells: 4            | Production Pits: _____  |
| Condensate Tanks: _____      | Water Tanks: 1         | Separators: 4       | Electric Motors: _____  |
| Gas or Diesel Mortors: _____ | Cavity Pumps: _____    | LACT Unit: _____    | Pump Jacks: _____       |
| Electric Generators: _____   | Gas Pipeline: 1        | Oil Pipeline: _____ | Water Pipeline: _____   |
| Gas Compressors: _____       | VOC Combustor: 1       | Oil Tanks: 4        | Dehydrator Units: _____ |
| Multi-Well Pits: _____       | Pigging Station: _____ | Flare: 1            | Fuel Tanks: _____       |

## Location

Emergency Contact Number: (S/U/V) \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

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

## Spills:

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

☐ Multiple Spills and Releases?

| <b>Fencing/:</b> |                             |   |                   |         |
|------------------|-----------------------------|---|-------------------|---------|
| Type             | Satisfactory/Unsatisfactory | Comment   | Corrective Action | CA Date |
| OTHER            | Satisfactory                | Barbed wire fencing around separator, meter runs, VRU and ECD |                   |         |
| TANK BATTERY     | Satisfactory                | Barbed wire fencing   |                   |         |

| <b>Equipment:</b>           |   |                             |  |                   |         |
|-----------------------------|---|-----------------------------|--|-------------------|---------|
| Type                        | # | Satisfactory/Unsatisfactory | Comment  | Corrective Action | CA Date |
| Plunger Lift                | 1 | Satisfactory                | SE corner of fence around Markham 13-8 wellhead 40.14899, -104.69489/Lubricator removed - well appears to be prepped for adjacent frac |                   |         |
| Emission Control Device     | 1 | Satisfactory                | SE corner of fence around separator, meter runs, VRU and ECD 40.14865, -104.69394  |                   |         |
| Horizontal Heated Separator | 1 | Satisfactory                | SE corner of fence around separator, meter runs, VRU and ECD 40.14865, -104.69394  |                   |         |
| Gas Meter Run               | 2 | Satisfactory                | Pipeline meters/SE corner of fence around separator, meter runs, VRU and ECD 40.14865, -104.69394                                      |                   |         |
| Plunger Lift                | 1 | Satisfactory                | SE corner of fence around Markham 34-8 wellhead 40.14898, -104.69494/Lubricator removed - well appears to be prepped for adjacent frac |                   |         |
| Plunger Lift                | 1 | Satisfactory                | SE corner of fence around Markham 35-8 wellhead 40.14897, -104.69482/Lubricator removed - well appears to be prepped for adjacent frac |                   |         |
| Ancillary equipment         | 1 | Satisfactory                | VRU/SE corner of fence around separator, meter runs, VRU and ECD 40.14865, -104.69394  |                   |         |

Inspector Name: JOHNSON, RANDELL

|                 |   |              |  |  |  |
|-----------------|---|--------------|--|--|--|
| Gas Meter Run   | 2 | Satisfactory | Check meters on outlet of separator/SE corner of fence around separator, meter runs, VRU and ECD 40.14865, - 104.69394 |  |  |
| Bird Protectors | 2 | Satisfactory |  |  |  |

**Facilities:**☐ New Tank

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

| Contents       | # | Capacity | Type           | SE GPS                |
|----------------|---|----------|----------------|-----------------------|
| PRODUCED WATER | 1 | OTHER    | PBV FIBERGLASS | 40.148700,-104.694310 |

|                    |              |                  |          |
|--------------------|--------------|------------------|----------|
| S/U/V:             | Satisfactory | Comment:         | 210 bbls |
| Corrective Action: |              | Corrective Date: |          |

Paint

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

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

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

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

Berms

| Type  | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
|-------|----------|---------------------|---------------------|-------------|
| Metal | Adequate | Walls Sufficient    | Base Sufficient     | Adequate    |

|                   |  |                 |  |
|-------------------|--|-----------------|--|
| Corrective Action |  | Corrective Date |  |
| Comment           |  |                 |  |

**Facilities:**☐ New Tank

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

| Contents  | # | Capacity | Type      | SE GPS                |
|-----------|---|----------|-----------|-----------------------|
| CRUDE OIL | 2 | 300 BBLS | STEEL AST | 40.148700,-104.694310 |

|                    |              |                  |  |
|--------------------|--------------|------------------|--|
| S/U/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 Sufficient    | Base Sufficient     | Adequate    |

|                   |  |                 |  |
|-------------------|--|-----------------|--|
| Corrective Action |  | Corrective Date |  |
| Comment           |  |                 |  |

**Venting:**

|        |         |
|--------|---------|
| Yes/No | Comment |
| NO     |         |

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

**Predrill**

Location ID: 318671

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_

Pads: \_\_\_\_\_

Soil Stockpile: \_\_\_\_\_

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

Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

| Group | User  | Comment   | Date       |
|-------|-------|---|------------|
| OGLA  | young | Location is in a sensitive area because of proximity to a domestic water well; therefore either a lined drilling pit or closed loop system is required. | 02/09/2011 |

**Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Wildlife BMPs:****Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Stormwater:**

|              |         |            |         |
|--------------|---------|------------|---------|
| Erosion BMPs | Present | Other BMPs | Present |
|              |         |            |         |

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

Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: \_\_\_\_\_

**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: 421673 Type: WELL API Number: 123-33004 Status: PR Insp. Status: SI

**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: \_\_\_\_\_

S/V: \_\_\_\_\_ CA Date: \_\_\_\_\_

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

Comment: Well appears to be shut in for adjacent frac

Facility ID: 421676 Type: WELL API Number: 123-33007 Status: PR Insp. Status: SI

**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: \_\_\_\_\_

S/V: \_\_\_\_\_ CA Date: \_\_\_\_\_

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

Comment: Well appears to be shut in for adjacent frac

Facility ID: 421684 Type: WELL API Number: 123-33014 Status: PR Insp. Status: SI

**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: \_\_\_\_\_

S/V: \_\_\_\_\_ CA Date: \_\_\_\_\_

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

Comment: Well appears to be shut in for adjacent frac

**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 : \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

**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: |  |
|----------|--|

1003b. Area no longer in use? Pass Production areas stabilized ? Pass

1003d. Drilling pit closed? Pass      Subsidence over on drill pit? Pass

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? Pass

## RESTORATION AND REVEGETATION

Top soil replaced                      Recontoured                      Perennial forage re-established

Top soil replaced                      Recontoured                      80% Revegetation

Comment:

**Final Reclamation/ Abandoned Location:**

Final Land Use: DRY LAND

Comment:

Debris removed                      No disturbance /Location never built

Gravel removed

Compaction alleviation                      Dust and erosion control

Weeds present                      Subsidence

Inspector Name: JOHNSON, RANDELL

Comment:

Corrective Action:

Date

Overall Final Reclamation

Multi-Well Location



**Storm Water:**

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment    |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|------------|
| Other            | Pass            | Other                   | Pass                  |               |                          | Vegetation |
| Gravel           | Pass            | Gravel                  | Pass                  |               |                          |            |
| Compaction       | Pass            | Compaction              | Pass                  |               |                          |            |

S/U/V: Satisfactory

Corrective Date:

Comment:

CA: