

Inspector Name: NOTO, JOHN

**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:

12/19/2013

Document Number:

670600142

Overall Inspection:

**Violation****FIELD INSPECTION FORM**

|                     |               |               |                   |  |
|---------------------|---------------|---------------|-------------------|--|
| Location Identifier | Facility ID   | Loc ID        | Inspector Name:   | On-Site Inspection                         |
|                     | <u>316992</u> | <u>316992</u> | <u>NOTO, JOHN</u> | <input type="checkbox"/> 2A Doc Num: _____ |

**Operator Information:**

OGCC Operator Number:

Name of Operator: MAGPIE OPERATING, INCAddress: 2707 SOUTH COUNTY RD 11City: LOVELAND State: CO Zip: 80537

- ☒ 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 |
|---------------|----------------|--------------------------|---------|
| SCHURE, KYM   |                | kym.schure@state.co.us   |         |
| AXELSON, JOHN |                | john.axelson@state.co.us |         |
| LEONARD, MIKE |                | mike.leonard@state.co.us |         |
| warner, ryan  | (970) 669-6308 | magpieoil@yahoo.com      |         |

**Compliance Summary:**QtrQtr: SWSE Sec: 32 Twp: 1S Range: 56W**Inspector Comment:**

Inspection conducted on 11/8/13 as follow up on complaints #200388345 and #2003898278. Inspection #664001353 was previously conducted in response to the initial complaint. The complainants informed COGCC of oily waste in a field that was first observed in May/June 2013. COGCC observed the oily waste at LAT/LON 39.918540 -103.67230. The waste was between the Magpie LITTLE BEAVER UNIT 30, API #121-06251 and the LITTLE BEAVER UNIT 31, API #121-06269. The oily waste was approximately one-foot deep and covered an approximate 75' x 120' area (1,000 cubic yards). In addition, there was a smaller impacted area south of/adjacent to the waste did not support vegetation. Piled soil around Well API #121-06251 was evidence of recent work on the well. COGCC collected samples of the oily waste in the field and the piled soil at the well. Oily waste samples exceeded Table 910-1 concentrations for TPH/organic compounds, arsenic and pH. No documents on file at COCGG for a notification of a spill, or for management/treatment of the waste. NOAV preparation in process.

**Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name         | Insp Status |                                     |
|-------------|------|--------|-------------|------------|-----------|-----------------------|-------------|-------------------------------------|
| 234150      | WELL | IJ     | 01/01/2011  |            | 121-06251 | LITTLE BEAVER UNIT 30 | IJ          | <input checked="" type="checkbox"/> |

**Equipment:****Location Inventory**

|                             |                        |                     |                         |
|-----------------------------|------------------------|---------------------|-------------------------|
| Special Purpose Pits: _____ | Drilling Pits: _____   | Wells: _____        | Production Pits: _____  |
| Condensate Tanks: _____     | Water Tanks: _____     | Separators: _____   | Electric Motors: _____  |
| Gas or Diesel Motors: _____ | Cavity Pumps: _____    | LACT Unit: _____    | Pump Jacks: _____       |
| 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**Emergency Contact Number: (S/U/V)

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

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Comment:

Corrective Action:

**Spills:**

| Type      | Area      | Volume   | Corrective action   | CA Date    |
|-----------|-----------|----------|---|------------|
| Crude Oil | Flow Line | > 5 bbls | Remove/remediate oily waste in accordance with Rule 907.e. Documentation for reporting and management of the oily waste was not provided to COGCC and must be provided immediately. | 01/17/2014 |

☐ Multiple Spills and Releases?

**Venting:**

Yes/No

Comment

**Flaring:**

| Type | Satisfactory/Unsatisfactory | Comment | Corrective Action | CA Date |
|------|-----------------------------|---------|-------------------|---------|
|      |                             |         |                   |         |

**Predrill**

Location ID: 316992

**Site Preparation:**

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

**S/U/V:** \_\_\_\_\_

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

**Form 2A COAs:****S/U/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:****S/U/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: 234150 Type: WELL API Number: 121-06251 Status: IJ Insp. Status: IJ

**Complaint**

**Comment:** Oily waste was between two injection wells, the Maggie LITTLE BEAVER UNIT 30, API #121-06251 and the LITTLE BEAVER UNIT 31, API #121-06269. Formal complaint filed by surface owner (Mr. Jack Duvall) #200388345, details and attachments in Inspection #664001353. Formal complaint filed by surface leasee (Mr. Justin Wagers) #200389278 is under API #121-06269.

**Environmental****Spills/Releases:**

Type of Spill: OIL Description: oily waste in field Estimated Spill Volume: \_\_\_\_\_

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

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Estimated 1000 cubic yards of oily soil/waste in farmers field. COGCC samples had concentrations that exceeded Table 910-1 values for organic and inorganic compounds and pH (see attached). Photos of waste and location map also attached.

Corrective Action: Remove/remediate oily waste in accordance with Rule 907.e.

Date: 01/17/2014

Reportable: YES

GPS: Lat 39.918540

Long -103.672300

Proximity to Surface Water:

Depth to Ground Water:

**Water Well:**

Lat

Long

DWR Receipt Num: Owner Name: GPS :

**Field Parameters:**

Sample Location: Other

**Sample** Sample Type: SOIL COMPOSITE

Time: 11/08/2013 11:05 (MM/dd/yyyy hh:mm) GPS: Lat 39.918500 Long -103.672300

BTEX: TPH: YES Anion: Captions: General Chemistry:

Dissolved Methane: Composition: Stable Isotopes: 8260:

8270: RCRA Metals: 910-Metals: YES PAH: YES

Other: SAR, pH EC

Comment: sample ID 12106269A2 results attached

**Sample** Sample Type: SOIL COMPOSITE

Time: 11/08/2013 11:45 (MM/dd/yyyy hh:mm) GPS: Lat 39.918400 Long -103.674000

BTEX: TPH: Anion: Captions: General Chemistry:

Dissolved Methane: Composition: Stable Isotopes: 8260:

8270: RCRA Metals: 910-Metals: YES PAH:

Other: SAR, EC, pH

Comment: Sample ID 12106251A1, north part of pile, results attached

**Sample** Sample Type: SOIL COMPOSITE

Time: 11/08/2013 11:00 (MM/dd/yyyy hh:mm) GPS: Lat 39.918640 Long -103.672300

BTEX: TPH: YES Anion: Captions: General Chemistry:

Dissolved Methane: Composition: Stable Isotopes: 8260:

8270: RCRA Metals: 910-Metals: YES PAH: YES

Other: SAR, pH EC,

Comment: Sample ID 12106269, results attached

**Sample** Sample Type: SOIL COMPOSITE

Time: 11/08/2013 11:45 (MM/dd/yyyy hh:mm) GPS: Lat 39.918400 Long -103.674000

BTEX: TPH: Anion: Captions: General Chemistry:

Dissolved Methane: Composition: Stable Isotopes: 8260:

8270: RCRA Metals: 910-Metals: YES PAH:

Other: SAR, EC, pH

Comment: Sample ID 12106251A2, south part of pile, results attached

**Lab:**

Lab Name

Test America Job ID 280-49015-1

**Complaint:**

| Tracking Num | Category        | Assigned To | Description   | Incident Date |
|--------------|-----------------|-------------|---|---------------|
| 200388345    | PROPERTY DAMAGE | SCHURE, KYM | Surface-Owner (Mr.Jack Duvall) contacted COGCC NE Field Inspector (Kym Schure) regarding ongoing alleged damages to property resulting from underground line repairs due to leaks causing releases in the soils. Mr. Duvall wrote a letter describing the Surface-Owners negative history with the Operator (Magpie Operating). Letter is attached to inspection Doc.#664001353. Mr. Duvall states numerous leaks have been discovered by the surface leasee (Mr.Justin Wagers) over a period of years and each time the Operator was notified. Resulting in unsatisfactory responses from the Operator regarding the surface/soils concerns by the Surface-Owner and Leasee (Mr.Jack Duvall and Mr.Justin Wagers). | 10/18/2013    |

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: \_\_\_\_\_

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

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

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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: \_\_\_\_\_

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 |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
|                  |                 |                         |                       |               |                          |         |

S/U/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

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

Pits: ☐ NO SURFACE INDICATION OF PIT

#### **Attached Documents**

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

| Document Num | Description         | URL   |
|--------------|---------------------|---|
| 670600143    | sign at wellhead    | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250032">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250032</a> |
| 670600144    | oily waste in field | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250033">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250033</a> |
| 670600145    | oily waste          | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250034">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250034</a> |

|           |                             |   |
|-----------|-----------------------------|---|
| 670600146 | samples oily waste          | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250035">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250035</a> |
| 670600147 | oily waste                  | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250036">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250036</a> |
| 670600148 | oily waste                  | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250037">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250037</a> |
| 670600149 | samples oily waste          | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250038">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250038</a> |
| 670600150 | soil pile at wellhead       | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250039">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250039</a> |
| 670600151 | samples of soil at wellhead | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250040">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250040</a> |
| 670600152 | Sample results table        | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250041">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250041</a> |
| 670600154 | Laboratory results report   | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250042">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250042</a> |
| 670600155 | Sample location map         | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250043">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3250043</a> |