

**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:

06/30/2017

Submitted Date:

07/10/2017

Document Number:

681700608**FIELD INSPECTION FORM**Loc ID 312145 Inspector Name: Arauza, Steven On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 7800Name of Operator: BEREN CORPORATIONAddress: 2020 N BRAMBLEWOOD STREETCity: WICHITA State: KS Zip: 67206**Status Summary:**

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

Findings:22 Number of Comments9 Number of Corrective Actions

- ☒
- Corrective Action Response Requested

Contact Information:

| Contact Name | Phone | Email | Comment |
|------------------|---------------------|----------------------------------|------------------|
| | | dnr_cogccengineering@state.co.us | |
| Wreath, Dana | (316) 265-3311X6720 | dwreath@berexco.com | DESIGNATED AGENT |
| Leonard, Mike | | mike.leonard@state.co.us | |
| Reynolds, Rodney | (316) 337-8340 | reynoldsr@berexco.com | All Inspections |
| Young, Rob | | rob.young@state.co.us | |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|---------------|-------------|
| 218990 | WELL | IJ | 06/16/2016 | DSPW | 075-05797 | Brewer A 2 | EI |

General Comment:

COGCC Environmental Inspection of well shed, tank battery, existing produced water pit, and backfilled pit locations.

LocationOverall Good: ☐**Signs/Marker:**

| | | | |
|--------------------|---|-------|------------|
| Type | TANK LABELS/PLACARDS | | |
| Comment: | Content and volume label on produced water fiberglass tank is missing. Placard is adequate. | | |
| Corrective Action: | Install sign to comply with Rule 210.d. | Date: | 09/10/2017 |
| Type | BATTERY | | |
| Comment: | Battery sign is adequate. | | |
| Corrective Action: | | Date: | |
| Type | WELLHEAD | | |
| Comment: | Sign at well shed is legible, but damaged (see photos). | | |
| Corrective Action: | | Date: | |
| Type | TANK LABELS/PLACARDS | | |
| Comment: | Crude oil labels and placards adequate. | | |
| Corrective Action: | | Date: | |

Emergency Contact Number:Comment: Corrective Action: Date: **Good Housekeeping:**

| | | | |
|--------------------|--|-------|------------|
| Type | UNUSED EQUIPMENT | | |
| Comment: | Unused 55 gallon drum and smaller chemical storage drum inside of berm on SE side of tank battery. | | |
| Corrective Action: | Comply with Rule 603.f using the Rule 603.f guidance document for further details. | Date: | 08/10/2017 |

Overall Good: ☐**Spills:**

| | | | | |
|--------------------|--|----------|--|------------------|
| Type | Area | Volume | | |
| Crude Oil | WELLHEAD | <= 1 bbl | | |
| Comment: | Localized, oil-stained soil inside of well shed (see photos). | | | |
| Corrective Action: | Remove and properly dispose of oily waste. | | | Date: 08/10/2017 |
| Crude Oil | Tank | <= 1 bbl | | |
| Comment: | Localized, oil-stained soil beneath valves on west side of crude oil ASTs. | | | |
| Corrective Action: | Remove and properly dispose of oily waste. 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: 08/10/2017 |

In Containment: No

Comment: ☐ Multiple Spills and Releases?**Equipment:**

| | | | |
|---------------------------|---|-------|-----------------|
| Type: Ancillary equipment | # 1 | | corrective date |
| Comment: | Chemical storage tank inside of well shed has adequate secondary containment. | | |
| Corrective Action: | | Date: | |

| | | | |
|--------------------------|--|-------|------------------|
| Type: Flow Line | # 4 | | |
| Comment: | Flowline manifold is exposed at SE corner of separator shed berm. Red valve at SE corner lacks cap or bullplug and is partially filled with soil (see photos). | | |
| Corrective Action: | | Date: | |
| Type: Other | # 1 | | |
| Comment: | Frac tank west of produced water pit (plumbed to produced water tank). | | |
| Corrective Action: | | Date: | |
| Type: Flow Line | # 1 | | |
| Comment: | NOT IN USE: 1" uncapped steel flowline riser at SE corner of separator shed. | | |
| Corrective Action: | Contact the Engineering Integrity section to discuss flowline abandonment requirements per Rule 1103. Along with the rule, the COGCC Operator Guidance, Rules 1101, 1102, and 1103: Flowline Guidance 1101 and 1102 guidance document can provide further details. Contact dnr_cogccengineering@state.co.us with resolution plan. | | Date: 07/20/2017 |
| Type: Compressor | # 1 | | |
| Comment: | Compressor with flowline risers and partially-buried 55-gallon drum north of crude oil ASTs. | | |
| Corrective Action: | | Date: | |
| Type: Vertical Separator | # 1 | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| Type: Flow Line | # 1 | | |
| Comment: | NOT IN USE: 6" capped, steel flowline riser south of crude oil ASTs. | | |
| Corrective Action: | Contact the Engineering Integrity section to discuss flowline abandonment requirements per Rule 1103. Along with the rule, the COGCC Operator Guidance, Rules 1101, 1102, and 1103: Flowline Guidance 1101 and 1102 guidance document can provide further details. Contact dnr_cogccengineering@state.co.us with resolution plan. | | Date: 07/20/2017 |

Tanks and Berms:

| Contents | # | Capacity | Type | Tank ID | SE GPS |
|--------------------|--|----------|----------|---------|--------|
| PRODUCED WATER | 1 | OTHER | Open Top | | |
| Comment: | Produced water tank was plumbed to frac tank west of existing pit. | | | | |
| Corrective Action: | | | | | Date: |

Paint

| | |
|------------------|--|
| Condition | |
| Other (Content) | |
| Other (Capacity) | |
| Other (Type) | |

Berms

| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | |
|--------------------|--|---------------------|---------------------|------------------|--------|
| Earth | Adequate | Walls Sufficient | | Inadequate | |
| Comment: | Earthen berm shared with vertical separator E of produced water tank. Berm is damaged on south side of north wall by excavator and along east wall past separator shed (see photos). | | | | |
| Corrective Action: | Repair or install berms or other secondary containment devices per Rule 605.a.(4). | | | Date: 08/10/2017 | |
| Contents | # | Capacity | Type | Tank ID | SE GPS |

| | | | | | |
|--------------------|--|---------------------|---------------------|-------------|------------------|
| CRUDE OIL | 2 | OTHER | STEEL AST | | |
| Comment: | Oily rag stuffed into loadout on SE side of crude oil ASTs. | | | | |
| Corrective Action: | Remove and properly dispose of oily waste. 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: 08/10/2017 |
| Paint | | | | | |
| Condition | Adequate | | | | |
| Other (Content) | | | | | |
| Other (Capacity) | 210 bbls | | | | |
| Other (Type) | | | | | |
| Berms | | | | | |
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | |
| Earth | Adequate | Walls Sufficent | | Inadequate | |
| Comment: | Earthen berms in need of repair (burrows on south side of northern berm and partial flowline excavation on north side of crude oil tank--see photos). | | | | |
| Corrective Action: | Repair or install berms or other secondary containment devices per Rule 605.a.(4). | | | | Date: 08/10/2017 |
| Venting: | | | | | |
| Yes/No | | | | | |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |
| Flaring: | | | | | |
| Type | | | | | |
| Comment: | | | | | |
| Corrective Action: | | | | | Date: |

Reclamation - Storm Water - Pit

Storm Water:

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| | | | | | | |

Comment: Corrective Action: Date: **Pits:** ☐ NO SURFACE INDICATION OF PITType: Produced WaterLined: NOPit ID: 111968Lat: 40.654951Long: -103.278531Reference Point: Other: Length: Width: **Lining:**Liner Type: Liner Condition: Comment: Corrective Action: Date: c**Fencing:**Fencing Type: Fencing Condition: Comment: Corrective Action: Date: **Netting:**Netting Type: Netting Condition: Comment: Corrective Action: Date: Anchor Trench Present: Oil Accumulation: 2+ feet Freeboard: Comment:

Uncontrolled weeds in and around pit. Oil-stained soil observed in central berms and both NW & SE corners of pit. Junk pipe observed throughout pit. Fluid remains in pit. Berm has been partially removed on east and south sides. Evidence of sediment transport to south. Operator is in contact with Area EPS regarding pit closure.

Corrective Action: Date: Type: Produced WaterLined: NOPit ID: 111969Lat: 40.654175Long: -103.278121Reference Point: Other: Length: Width: **Lining:**Liner Type: Liner Condition: Comment: Corrective Action: Date: c**Fencing:**Fencing Type: Fencing Condition: Comment: Corrective Action: Date: **Netting:**

| | | |
|------------------------|---|--------------------|
| Netting Type: | Netting Condition: | |
| Comment: | | |
| Corrective Action | | Date: |
| Anchor Trench Present: | Oil Accumulation: | 2+ feet Freeboard: |
| Comment: | Impacted vegetation overlying backfilled pit location measures ~500'x180', extending from just south of existing produced water pit toward intersection of C R 32 & C R 33 to the SE. Operator is in contact with Area EPS regarding impacted area. | |
| Corrective Action | | Date: |

Attached Documents

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

| Document Num | Description | URL |
|--------------|--------------|---|
| 681700644 | Field Photos | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4193533 |