

**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:

05/05/2020

Submitted Date:

05/05/2020

Document Number:

694500199**FIELD INSPECTION FORM**Loc ID 430051 Inspector Name: NEIDEL, KRIS On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10525Name of Operator: SANTA FE NATURAL RESOURCES INCAddress: 4833 FRONT STREET UNIT B 506City: CASTLE ROCK State: CO Zip: 80104**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**8 Number of Comments4 Number of Corrective Actions☒ Corrective Action Response Requested**ANY CORRECTIVE ACTION(S) FROM
PREVIOUS INSPECTIONS THAT HAVE NOT
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

| Contact Name | Phone | Email | Comment |
|---------------|-------|--------------------------|---------|
| Fischer, Alex | | alex.fischer@state.co.us | |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|-------------------|-------------|
| 430052 | WELL | SI | 09/01/2016 | OW | 081-07747 | Ridgeview 32-16-1 | EI |

General Comment:

On 5/5/2020 COGCC Staff, Kris Neidel inspected well 081-07747. Weather was 70 degrees and dry. The well was SI at time of Inspection. The following was observed: Unpermitted Flare pit, Vert Separator, Pumpjack with gas drive, 3-400BBL steel AGT with gravel berm. Stained soil was observed at the vert separator and southeastern tank piping. The Flare Pit should be closed with a form 27 submitted by 6/5/2020. The following areas should be documented via Form 27; the soil at the vertical separator, piping going to the southeastern most tank and at the well head. 2 Active spills were observed by COGCC staff on 10/28/2019 (at tank and wellhead). The Form 27 should demonstrate that soils concentrations are below COGCC table 910-1 at the areas identified.

LocationOverall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: Overall Good: ☐

| | | | | | |
|--------------------|--|-----------|--|-------|------------|
| Spills: | | | | | |
| Type | Area | Volume | | | |
| Crude Oil | Separator | >= 5 bbls | | | |
| Comment: | see inspection on 11/9/17, this documents the spill that caused the stained soil at separator. | | | | |
| Corrective Action: | A Form 27 should be submitted that demonstrates that soils concentrations are below COGCC table 910-1 from the wellhead release. | | | Date: | 06/05/2020 |
| PW/CO | Tank | >= 5 bbls | | | |
| Comment: | see inspection from 10/28/2019. a spill was observed by COGCC staff. | | | | |
| Corrective Action: | A Form 27 should be submitted that demonstrates that soils concentrations are below COGCC table 910-1 from the wellhead release. | | | Date: | 06/05/2020 |
| PW/CO | WELLHEAD | >= 5 bbls | | | |
| Comment: | spill was observed by COGCC staff on 10/28/2019, water was flowing out of the wellhead. | | | | |
| Corrective Action: | A Form 27 should be submitted that demonstrates that soils concentrations are below COGCC table 910-1 from the wellhead release. | | | Date: | 06/05/2020 |

In Containment: No

Comment: ☐ Multiple Spills and Releases?

| | | | | |
|--------------------------|---------------------|--|-------|-----------------|
| Equipment: | | | | corrective date |
| Type: Pump Jack | # 1 | | | |
| Comment: | gas motor. no tank. | | | |
| Corrective Action: | | | Date: | |
| Type: Vertical Separator | # 1 | | | |
| Comment: | stained soil. | | | |
| Corrective Action: | | | Date: | |

Tanks and Berms:

| | | | | | | |
|--------------------|---|----------|-----------|---------|--------|--|
| Contents | # | Capacity | Type | Tank ID | SE GPS | |
| PRODUCED WATER | 1 | 400 BBLS | STEEL AST | | , | |
| Comment: | | | | | | |
| Corrective Action: | | | | Date: | | |

Paint

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

| <u>Berms</u> | | | | | | |
|--------------------|----------|---------------------|---------------------|-------------|--------|--|
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | | |
| Earth | Adequate | Walls Sufficient | Base Sufficient | Adequate | | |
| Comment: | | | | | | |
| Corrective Action: | | | | Date: | | |
| Contents | # | Capacity | Type | Tank ID | SE GPS | |
| CRUDE OIL | 2 | 400 BBLs | STEEL AST | | , | |
| Comment: | | | | | | |
| Corrective Action: | | | | Date: | | |
| <u>Paint</u> | | | | | | |
| Condition | Adequate | | | | | |
| Other (Content) | | | | | | |
| Other (Capacity) | | | | | | |
| Other (Type) | | | | | | |
| <u>Berms</u> | | | | | | |
| Type | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance | | |
| Earth | Adequate | Walls Sufficient | Base Sufficient | Adequate | | |
| Comment: | | | | | | |
| Corrective Action: | | | | Date: | | |
| <u>Venting:</u> | | | | | | |
| Yes/No | | | | | | |
| Comment: | | | | | | |
| Corrective Action: | | | | | Date: | |
| <u>Flaring:</u> | | | | | | |
| Type | | | | | | |
| Comment: | | | | | | |
| Corrective Action: | | | | | Date: | |

Reclamation - Storm Water - Pit**Interim Reclamation:**

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: IMPROVED PASTURE, RANGELAND

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND SEGREGATION _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? _____

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment _____

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? _____

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

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: _____
- 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 REVEGETATIONCropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? _____

Comment _____

Corrective Action _____ Date _____

Overall Interim Reclamation

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: IMPROVED PASTURE, 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 _____

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

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

Comment: Corrective Action: Date: **Pits:** ☐ NO SURFACE INDICATION OF PITType: FlareLined: NOPit ID: Lat: 40.475673Long: -107.610544Reference Point: Other: Length: Width: **Lining:**Liner Type: Liner Condition: Comment: dirt flare pit, no liner. oil stained soil observed in bottom of pit. no free fluid.Corrective Action: The Flare Pit should be closed with a form 27 submitted by 6/5/2020.Date: 06/05/2020**Fencing:**Fencing Type: LivestockFencing Condition: InadequateComment: Corrective Action: Date: **Netting:**Netting Type: Netting Condition: Comment: no net.Corrective Action: Date: Anchor Trench Present: Oil Accumulation: YES2+ feet Freeboard: YESComment: 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 |
|--------------|-------------|---|
| 694500200 | photo | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5142725 |