

FORM  
INSPRev  
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: 10525  
Name of Operator: SANTA FE NATURAL RESOURCES INC  
Address: 4833 FRONT STREET UNIT B 506  
City: 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 Comments  
4 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.

**Location**

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

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

Overall Good:

<b>Spills:</b>				
Type	Area	Volume		
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
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
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

In Containment: No

Comment:

Multiple Spills and Releases?

<b>Equipment:</b>			corrective date
Type: Vertical Separator	# 1		
Comment: stained soil.			
Corrective Action:			Date:
Type: Pump Jack	# 1		
Comment: gas motor. no tank.			
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)		

<b>Berms</b>						
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:		
<b>Paint</b>						
Condition	Adequate					
Other (Content)						
Other (Capacity)						
Other (Type)						
<b>Berms</b>						
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate		
Comment:						
Corrective Action:				Date:		
<b>Venting:</b>						
Yes/No						
Comment:						
Corrective Action:					Date:	
<b>Flaring:</b>						
Type						
Comment:						
Corrective Action:					Date:	

**Inspected Facilities**

Facility ID: 430052 Type: WELL API Number: 081-07747 Status: SI Insp. Status: EI

**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 \_\_\_\_\_

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 REVEGETATION

Cropland

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 PIT

Type: Flare Lined: NO Pit ID: \_\_\_\_\_ Lat: 40.475673 Long: -107.610544

Reference 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 The Flare Pit should be closed with a form 27 submitted by 6/5/2020.

Date: 06/05/2020

**Fencing:**

Fencing Type: Livestock Fencing Condition: Inadequate

Comment:

Corrective

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

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

Comment: no net.

Corrective

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

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: YES 2+ feet Freeboard: YES

Comment:

Corrective

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

**Attached Documents**

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

Document Num	Description	URL
402390779	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5142733">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5142733</a>
694500200	photo	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5142725">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5142725</a>