

**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:

10/01/2019

Submitted Date:

10/18/2019

Document Number:

689803164**FIELD INSPECTION FORM**

Loc ID 312997 Inspector Name: Waldron, Emily 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:**15 Number of Comments12 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
Pesicka, Conor		conor.pesicka@state.co.us	
SULLIVAN, MICHAEL	(303) 681-5901	durangopl@earthlink.net	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
223244	WELL	PR	10/01/2015	OW	081-06608	MCINTYRE 1-3 ST	TA

**General Comment:**

Follow up FIU inspection.

Follow up to inspection from 12/13/2017 document number 689800658. No corrective actions have been met. Corrective action dates have been carried forward from that inspection. Reclamation corrective actions and dates from 6/18/2018 document number 674104489 remain the same.

**Location**Overall Good: ☐**Signs/Marker:**

Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	Wellhead sign has been knocked over.		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	No labels on 5 tanks stored outside of bermed area, incomplete labels on tanks inside berm.		
Corrective Action:	Install sign to comply with Rule 210.d.	Date:	10/07/2016

**Emergency Contact Number:**

Comment:	There are 2 emergency contact numbers listed on location signs. The 970 number is for an area contractor. 303-681-5901 is the emergency contact number for Santa Fe, number goes straight to voicemail box.		
Corrective Action:	Install sign to comply with Rule 210.	Date:	11/18/2019

**Good Housekeeping:**

Type	WEEDS		
Comment:	Annual and noxious weeds on location.		
Corrective Action:	Comply with Rule 603.f .	Date:	10/11/2017
Type	STORAGE OF SUPL		
Comment:	5 tanks stored on location without containment or labels, tubing stored on location, other misc equipment on location.		
Corrective Action:	Comply with Rule 603.f .	Date:	12/28/2017

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment:

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

			corrective date
Type: Gas Meter Run	# 1		
Comment:			
Corrective Action:		Date:	
Type: Horizontal Heated Separator	# 1		
Comment:			
Corrective Action:		Date:	
Type: Pump Jack	# 1		

Comment:		
Corrective Action:		Date:

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	1	300 BBLS			,

Comment:	
Corrective Action:	Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate			Inadequate

Comment:	Vegetation growing on and in berm.
Corrective Action:	Repair or install berms or other secondary containment devices per Rule 605.a.(4). Date: 10/30/2017

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	1	400 BBLS	STEEL AST		,

Comment:	
Corrective Action:	Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate			Inadequate

Comment:	Vegetation growing on and in berm.
Corrective Action:	Repair or install berms or other secondary containment devices per Rule 605.a.(4). Date: 10/30/2017

Contents	#	Capacity	Type	Tank ID	SE GPS
	7		STEEL AST		,

Comment:	Frack tanks stored on location. During phone call with Mike Sullivan of Santa Fe on 1/5/2018 inspector was informed that all tanks were full of frack fluid.
Corrective Action:	Date:

Paint

Condition	
Other (Content)	
Other (Capacity)	

Other (Type)

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
	Inadequate	Walls Insufficient	Base Insufficient	Inadequate
Comment:	No secondary containment around 7 frack tanks all of which contain fluid.			
Corrective Action:	Repair or install berms or other secondary containment devices per Rule 605.a.(4).			Date: 12/28/2017

**Venting:**

Yes/No	NO		
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

**Inspected Facilities**Facility ID: 223244 Type: WELL API Number: 081-06608 Status: PR Insp. Status: TA**Idle Well**Purpose: ☐ Shut In ☒ Temporarily Abandoned Reminder: \_\_\_\_\_

Comment: Well is overdue for Mechanical Integrity Test. MIT requires 10-day notification via Form 42. Well plugging requires an approved Form 6 Intent to Abandon to Plug Well. Santa Fe attempted to frack well in June 2017, Form 42 notice document number 401318156. Casing was split during frack attempt. Review of COGCC database reveals no repairs or plugging plans were submitted, approved, or performed.

Corrective Action: Produce well after performing successful mechanical integrity test per Rule 326 or plug well. To maintain shut-in status, the well must be able to demonstrate ability to produce without mechanical intervention.

Date: 11/08/2019

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

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: 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? **Fail**Comment Various Debris, wood, metal, tools are scattered over location.Corrective Action Comply with Rule 603.f .Date **11/27/2017**Unused or unneeded equipment onsite? **Fail**Comment Seven Tanks, piles of tubing / Pipe and various pieces of unused equipment are stored on Location.Corrective Action Comply with Rule 603.f .Date **12/28/2017**Pit, cellars, rat holes and other bores closed? **Fail**Comment Rat hole partially covered with wooden slats. Fluid visible beneath slats.Corrective Action Comply with the 1003 interim reclamation rules.Date **09/29/2017**

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: 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: [No stormwater BMPs observed. Rills coming onto location via cut slope and access road.](#)

Corrective Action: [Install or repair required BMPs per Rule 1002.f.](#)

Date: 10/21/2016

**Pits:** ☐ NO SURFACE INDICATION OF PIT

Permit:	Facility ID	Permit Num	Expiration Date
	287491	1433529	
	258441	200011048	

**Attached Documents**

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

Document Num	Description	URL
689803167	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4967137">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4967137</a>