

**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:

12/13/2017

Submitted Date:

01/05/2018

Document Number:

689800658

**FIELD INSPECTION FORM**

Loc ID 312997 Inspector Name: Waldron, Emily On-Site Inspection  2A Doc Num: \_\_\_\_\_

**Status Summary:**

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

**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

**Findings:**

- 18 Number of Comments
- 13 Number of Corrective Actions
- Corrective Action Response Requested

**Contact Information:**

Contact Name	Phone	Email	Comment
Andrews, Dave		david.andrews@state.co.us	
Kellerby, Shaun		shaun.kellerby@state.co.us	
Colby, Lou		lou.colby@state.co.us	
Mazotti, Joe		ogp-co@comcast.net	
Fischer, Alex		alex.fischer@state.co.us	
Neidel, Kris		kris.neidel@state.co.us	
Ash, Margaret		margaret.ash@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	SI	07/25/2012	OW	081-06608	MCINTYRE 1-3 ST	SI

**General Comment:**

FIU follow up inspection to FIU inspection from 9/14/2017 document number 689800289 and Reclamation inspection from 10/21/2017 document number 680102332. All corrective actions from both reports remain outstanding. All corrective action dates in this report have been carried over from the 2 previous inspections.

**Location**

Overall Good:

<b>Signs/Marker:</b>			
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	

<b>Emergency Contact Number:</b>			
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.		
Corrective Action:		Date:	

<b>Good Housekeeping:</b>			
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:	Tanks from frack remain on location.		
Corrective Action:	Comply with Rule 603.f .	Date:	12/28/2017

Overall Good:

<b>Spills:</b>			
Type	Area	Volume	
Crude Oil	WELLHEAD	<= 1 bbl	
Comment:	Stained soil at wellhead.		
Corrective Action:	Control and contain spills/releases and clean up per Rule 906.a. Contact COGCC EPS staff. 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: 10/14/2016
Crude Oil	WELLHEAD	<= 1 bbl	
Comment:	Rat hole partially covered with wooden slats. Fluid visible beneath slats.		
Corrective Action:	Control and contain spills/releases and clean up per Rule 906.a. Contact COGCC EPS staff.		Date: 09/29/2017

In Containment: No

Comment:

Multiple Spills and Releases?

<b>Equipment:</b>		corrective date
Type: Horizontal Heated Separator	# 1	

Comment:			
Corrective Action:			Date:
Type: Pump Jack	# 1		
Comment:			
Corrective Action:			Date:
Type: Bird Protectors	#		
Comment:			
Corrective Action:			Date:
Type: Gas Meter Run	# 2		
Comment:			
Corrective Action:			Date:

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	1	300 BBLs	STEEL AST		
Comment:	Gauge hatch open .				
Corrective Action:	Close gauge hatches when not accessing tank per Rule 605.a.(9).				Date: 09/29/2017

**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		40.584800,-107.925870
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
OTHER	7		STEEL AST		
Comment: Frack tanks stored on location. During phone call with Mike Sullivan of Santa Fe on 1/5/2018 inspector was informd that all tanks were full of frack fluid.					
Corrective Action:					Date:
<b>Paint</b>					
Condition					
Other (Content)					
Other (Capacity)					
Other (Type)					
<b>Berms</b>					
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
<b>Venting:</b>					
Yes/No	NO				
Comment:					
Corrective Action:					Date:
<b>Flaring:</b>					
Type					
Comment:					
Corrective Action:					Date:

**Inspected Facilities**

Facility ID: 223244 Type: WELL API Number: 081-06608 Status: SI Insp. Status: SI

**Idle Well**

Purpose:  Shut In  Temporarily Abandoned Reminder: \_\_\_\_\_

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

**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 **Control and contain spills/releases and clean up per Rule 906.a. Contact COGCC EPS staff. CA language and CA date carried over from Spill section of this report.**

Date **09/29/2017**

Guy line anchors marked? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1003b. Area no longer in use? Fail Production areas stabilized ? Fail  
 1003c. Compacted areas have been cross ripped? Fail  
 1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass  
 Cuttings management: \_\_\_\_\_  
 1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? Fail  
 Production areas have been stabilized? Fail Segregated soils have been replaced? Fail

**RESTORATION AND REVEGETATION**

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced Fail Recontoured Fail 80% Revegetation Fail

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? F

Comment Areas no longer needed for Use, Production, Drilling or Subsequent Operations have not been reclaimed. Present areas of Interim Reclamation are sparsely vegetated and infested with State B List Noxious Weeds, Scotch thistle and Canada thistle. Scotch and Canada thistle is also established all along Access Rd and is infecting adjacent lands.

Corrective Action There are Two CAs in this Section. CA#1) Shrink Location for Interim Reclamation as per COGCC 1003 Series Rules. Conduct reclamation in areas no longer needed for Use or production, including weedy sparsely vegetated Cut Slopes in revegetation plans, installing appropriate BMPs to Stabilize Areas until Vegetation establishes. Reclamation Activities should be complete by 6/1/2018. CA#2) Weed Control, Monitoring program and schedule (for Location, Access Rd & adjacent infected areas) needs to be developed and in place by 5/1/18.

Date 05/01/2018

Overall Interim Reclamation Fail

**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:

Corrective Action:

Date: 10/21/2016

**Pits:**  NO SURFACE INDICATION OF PIT

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

**COGCC Comments**

Comment	User	Date
FIU follow up inspectcion to FIU inspection from 9/14/2017 document number 689800289 and Reclamation inspection from 10/21/2017 document number 680102332. All corrective actions from both reports remain outstanding. All corrective action dates in this report have been carried over from the 2 previous inspections.	waldrone	01/05/2018

**Attached Documents**

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

Document Num	Description	URL
689800721	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4342568">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4342568</a>