

**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: _____**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:18 Number of Comments13 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.

LocationOverall Good: ☒

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

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.](#)

Corrective Action:

Date:

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

Overall Good: ☐

Spills:			
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?

Equipment:			corrective date
Type: Horizontal Heated Separator	# 1		

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

Inspector Name: Waldron, Emily

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:	
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:	SI	Insp. Status:	SI
Idle Well									
Purpose: <input checked="" type="checkbox"/> Shut In <input type="checkbox"/> 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 locationCorrective Action Comply with Rule 603.f .Date 11/27/2017Unused 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 12/28/2017Pit, 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 REVEGETATIONCropland

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: [Stormwater issues from previous reports do not appear to have been addressed.](#)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
	258441	200011048	
	287491	1433529	

COGCC Comments

Comment	User	Date
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Attached DocumentsYou can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

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