

**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:

12/11/2020

Submitted Date:

12/12/2020

Document Number:

700404533**FIELD INSPECTION FORM**Loc ID 315221 Inspector Name: Moran, Rick On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 80890Name of Operator: SONTERRA ENERGY, L.L.C.Address: P O BOX 17103City: WICHITA State: KS Zip: 67217**Status Summary:**

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

Findings:19 Number of Comments14 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
Thompson, Bud		BLThomps@BLM.gov	
Ikenouye, Teri		teri.ikenouye@state.co.us	
Kellerby, Shaun	970-712-1248	shaun.kellerby@state.co.us	
Pesicka, Conor	970-415-0789	conor.pesicka@state.co.us	
Courtney, Rogers	316-636-2242	salthawk@cox.net	
COGCC, Engineering	303-894-2100	dnr_cogccEngineering@state.co.us	
Winter, Mary	316-262-4800	highrowler2@cox.net	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
230433	WELL	SI	08/01/2015	OW	103-08096	FEDERAL 1-30 1	SI

General Comment:

A follow up inspection of FIR documents:

- 1) FIR document 689500638 dated 3-13-2018.
- 2) Warning letter 401589652 dated 3-28-2018.
- 3) NOAV 401781682 dated 10-4-2018.
- 4) FIR document 679703426 dated 3-22-2019.
- 5) FIR document 679705025 dated 8-9-2019.
- 6) FIR document 679706113 dated 11-15-2019.
- 7) FIR document 700400911 dated 4-6-2020.
- 8) FIR document 700402621 dated 7-28-2020.

The following compliance issues are uncompleted:

- 1) Containers without labels. Photos 2 & 3. Complete by 5-23-2019.
- 2) Missing bird protection on separator stack. Photo 4. Complete by 4-23-2019.
- 3) Acquiring current MIT. Complete by 6-30-2018.
- 4) Barrel without secondary containment. Photo 2. Complete by 4-23-2019.
- 5) Stained soil around well head. Photo 5. Complete by 9-9-2019.
- 6) Unused 400 bbl tank with holes. Photos 6 & 7. Complete by 11-8-2019.
- 7) Vegetation on berm & touching equipment. Photos 8 & 9. Complete by 8-20-2019.
- 8) Missing "911" on battery sign. Photos 10 & 11. Complete by 9-9-2019.
- 9) Old operator on battery sign. Photo 10. Complete by 9-9-2019.
- 10) Stormwater sediment running on & off location. Photo 12.
- 11) Anti freeze 1 gallon containers at pump jack. Photo 13. Complete by 5-7-2020.

Additional compliance issues:

- 1) Well head leaking gas at 3 places. Photos 5 & 14. Complete by 12-13-2020.
- 2) Provide a emergency phone that operator answers. Complete by 12-13-2020.
- 3) Provide missing production history. Complete by 3-15-2020.

Note: The emergency # 316-262-4800 was called on 12-11-2020 @ 5:45 pm once the inspector was in cell service. No one answer the phone & a message was left in regards to the gas leak including the inspectors phone number.

This is a summary of inspection report 700404533.

Location

Overall Good: ☒

Signs/Marker:			
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	
Type	CONTAINERS		
Comment:	Labels not present on barrels & horizontal tank.		
Corrective Action:	Install sign to comply with Rule 210.d.	Date:	05/23/2019
Type	WELLHEAD		
Comment:	Display a emergency phone # the operator reponds to.		
Corrective Action:	Install sign to comply with Rule 210.b.	Date:	12/13/2020
Type	BATTERY		
Comment:	Prior operator name on battery sign.		
Corrective Action:	Install sign to comply with Rule 210.e.	Date:	09/19/2019

Emergency Contact Number:

Comment: Missing "911" on battery sign.

Corrective Action: Install sign to comply with Rule 210.b.

Date: 09/19/2019

Good Housekeeping:

Type	TRASH		
Comment:	Anti freeze 1 gallon containers at pump jack.		
Corrective Action:	Comply with Rule 603.f .	Date:	05/07/2020
Type	WEEDS		
Comment:	Vegetation on tank berm & adjacent to equipment.		
Corrective Action:	Comply with Rule 603.f.	Date:	08/20/2019
Type	UNUSED EQUIPMENT		
Comment:	Unused 400 bbl tank with holes on bottom edge.		
Corrective Action:	Comply with Rule 603.f.	Date:	11/08/2019
Type	OTHER		
Comment:	Stained soil around well head.		
Corrective Action:	Properly treat or dispose of oily waste in accordance with 907.e.	Date:	09/19/2019

Overall Good: ☐

Spills:			
Type	Area	Volume	

In Containment: No

Comment:

☐ Multiple Spills and Releases?

Equipment:			corrective date
Type: Deadman # & Marked	# 4		

Comment:		Date:	
Corrective Action:		Date:	
Type: Pump Jack	# 1		
Comment:		Date:	
Corrective Action:		Date:	
Type: Other	#		
Comment:	Review of monthly operations records indicate operator is delinquent in submitting monthly operations reports. Most recent recorded production January 2020.	Date:	03/15/2020
Corrective Action:	Submit required Form 7(s) to COGCC per rule 309.	Date:	03/15/2020
Type: Bradenhead	# 1		
Comment:	Breadhead access.	Date:	
Corrective Action:		Date:	
Type: Ancillary equipment	# 3		
Comment:	Containers next to pump jack with a blue barrel without secondary containment.	Date:	04/23/2020
Corrective Action:	Repair or install berms or other secondary containment devices per Rule 605.a.(4).	Date:	04/23/2020
Type: Gas Meter Run	# 1		
Comment:		Date:	
Corrective Action:		Date:	
Type: Horizontal Heated Separator	# 1		
Comment:		Date:	
Corrective Action:		Date:	
Type: Bird Protectors	# 0		
Comment:	No bird protection present on separator stack.	Date:	04/23/2019
Corrective Action:	nstall wildlife screen per Rule 605.b.(7).	Date:	04/23/2019
Type: Vertical Separator	# 1		
Comment:		Date:	
Corrective Action:		Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	1	400 BBLS	STEEL AST		,
Comment:					
Corrective Action:					Date:

Paint

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

Berms

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

Comment: Vegetation on berm.							
Corrective Action:						Date:	
Contents	#	Capacity	Type	Tank ID	SE GPS		
PRODUCED WATER	1	400 BBLs	STEEL AST		,		
Comment: Holes on bottom edge of tank.							
Corrective Action:						Date:	

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance			
Earth	Adequate						
Comment: Vegetation on berm.							
Corrective Action:					Date:		

Venting:

Yes/No						
Comment:						
Corrective Action:					Date:	

Flaring:

Type					
Comment:					
Corrective Action:					Date:

Inspected FacilitiesFacility ID: 230433 Type: WELL API Number: 103-08096 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: _____

Comment: Last recorded production July 2015. No MIT on file. Bradenhead gage 1805 psi. Casing gage 0 psi.

Corrective Action: Well must be either:

Date: 06/30/2018

1) Per COGCC Rule 326.b.(1) a successful mechanical integrity test shall be performed on each shut-in well within two (2) years of the initial shut-in date or

2) Be properly plugged and abandoned . Shut-in and temporarily abandoned wells must be properly reported on COGCC Form 7, Operator's Monthly Production Report.

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

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Berms	Fail			Material Handling And Spill Prevention	Fail	

Comment: [Vegetation on tank berms.](#)

[Blue barrel in direct contact with the soil without secondary containment. Blue barrel has fluid inside.](#)

[Stormwater sediment running on & off location.](#)

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

Date: 04/23/2019

Pits: ☒ NO SURFACE INDICATION OF PIT

Optical Gas Imaging SurveySurvey Type: RoutineCurrent Operations: ☐ Production ☐ Workover ☐ Flowback ☐ Referred to APCD

GPS(entrance of location): Lat: _____ Long: _____

Wind: Calm Speed: _____ (mph) Direction From: _____ Weather: _____ Temperature: (F)

Assisting Staff: _____ Camera #: _____

☐ Visible Smoke ☐ Referred to CDPHE

Times Surveyed

Equipment Surveyed

Time Survey Start	AM/PM	Time Survey End	AM/PM	Equipment
3:25	PM	3:35	PM	Wellhead(s)

Comment: FLIR camera was used to document the well head stack leaking at 3 locations. See attached pdf photos 5 & 14 and the 6 FLIR movies.Gas odor detected by inspector 5' away from well head.Corrective Action: 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: 12/13/2020**Attached Documents**You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
402552663	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5309051
700404535	FLIR movie lower gas leak	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5309044
700404536	FLIR HSM movie lower gas leak	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5309045
700404537	FLIR move middle gas leak	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5309046
700404538	FLIR HSM movie middle gas leak	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5309047
700404539	FLIR movie upper gas leak	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5309048
700404540	FLIR HSM movie upper gas leak	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5309049
700404541	inspecton photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5309050