

**FORM  
INSP**Rev  
X/20**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:

01/28/2021

Submitted Date:

01/28/2021

Document Number:

700405198**FIELD INSPECTION FORM**
 Loc ID 314339 Inspector Name: Moran, Rick On-Site Inspection ☐ 2A Doc Num:
**Operator Information:**

OGCC Operator Number: 10654

Name of Operator: LASSO OIL &amp; GAS LLC

Address: 3021 RIDGE RD #156

City: ROCKWALL State: TX Zip: 75032

**Status Summary:**

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

**Findings:**

6 Number of Comments

3 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
Kellerby, Shaun	970-712-1248	shaun.kellerby@state.co.us	
Freeman, Kris	254-717-0435	kfreeman@31operating.com	
Thompson, Bud		BLThomps@BLM.gov	
Ikenouye, Teri		teri.ikenouye@state.co.us	
Boulger, Levin		lboulger@31operating.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
228448	WELL	SI	11/01/2019	OW	103-05301	ARROWHEAD 9	SI

**General Comment:**

A follow up inspection of document:

- 1) FIR 700404823 dated 12-28-2020.
- 2) FIR 700405301 dated 1-21-2020.

The following compliance issues are uncompleted:

- 1) Report past due monthly operations on Form 7. Complete by 7-15-2020.
- 2) Gas leak at well's Larkin nut. Photos 3 - 7 and FLIR videos. Complete by 1-8-2021.
- 3) Gas leak at tank hatch. Photo 8. Complete by 1-22-2021.

On 1-21-2021 the 1st follow up inspection occurred finding gas leaking at the Larkin nut. The emergency number 800-209-9762 was called and answered @12:15 pm reporting the gas leak. The inspectors phone number of 720-827-6689 was left with the answering service. A request was made that the inspector be called back on 1-21-2021. The inspector was called back by Levin on 1-21-2021 @ 12:26 pm and stated he would check on the well.

On 1-28-2021 a 2nd follow up inspection @10:10 am occurred finding gas leaking at the Larkin nut. Levin was called @ 12:10 pm and stated he had checked on the well on 1-21-2021. The well Larkin nut was not tighten on 1-21-2021 due to the well pressure. Levin called the inspector back on 1-28-2021 at 13:55 stating he went ahead and tighten the Larkin nut.

On 1-28-2021 a 3rd follow up inspection @14:30 pm occurred finding the Larkin nut had been tighten. Gas was observed still leaking at the Larkin nut. Levin was informed @14:40 that the gas leak was still present. The emergency number 800-209-9762 was called and answered @15:14 pm to report the gas leak. The inspectors phone number of 720-827-6689 was left with the answering service.

This is a summary of inspection report 700405198.

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

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

Emergency Contact Number:

Comment: 911

Corrective Action:

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

Overall Good: ☒**Spills:**

Type	Area	Volume		
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In Containment: No

Comment:

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

Type: Deadman # & Marked	# 4		corrective date
Comment:			
Corrective Action:		Date:	
Type: Pump Jack	# 1		
Comment:			
Corrective Action:		Date:	
Type: Bird Protectors	# 1		
Comment:			
Corrective Action:		Date:	

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	1	400 BBLs	STEEL AST		
Comment:	FLIR camera used to video the gas leaking at the tank hatch. No gas odor detected with this inspection from the tank hatch. See attached photos & video.  Tank sounded empty.				
Corrective Action:	Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition.				Date: 01/22/2021

**Paint**

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

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate			Adequate
Comment:				
Corrective Action:				Date:

**Venting:**

Yes/No			
Comment:			
Corrective Action:			Date:

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

**Inspected Facilities**Facility ID: 228448 Type: WELL API Number: 103-05301 Status: SI Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned

Reminder: \_\_\_\_\_

Comment: Last reported monthly operations were for May 2020. Report past due monthly operations. Last recorded production October 2019. No audible flow at well. Pump jack idle at time of inspection. No pressure gages present.

Corrective Action: Submit required Form 7(s) to COGCC.

Date: 07/15/2020

**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						

Comment: 9" of snow on location.

Corrective Action:

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

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

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

GPS(entrance of location): Lat: \_\_\_\_\_ Long: \_\_\_\_\_

Wind: Light 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
2:25	PM	2:30	PM	Wellhead(s)
10:10	AM	10:20	AM	Oil Tank(s)

Comment: FLIR camera used to video the gas leaking at the well & tank hatch. Gas odor detected from 30' away from the well. See attached photos & video. Video was captured at the well before and after the Larkin nut was tighten. No significant difference was observed in the gas leak after the Larkin nut was tighten.

The inspections starting on 1-21-2021 also identified gas leaking at the tank hatch. The tank sounded empty. No gas odor detected coming from the tank hatch during the 1-28-2021 inspection.

Corrective Action: Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition.

Date: 01/08/2021**Attached Documents**You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
402586100	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339630">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339630</a>
700405200	FLIR video of leaking Larkin nut - 10:15a	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339619">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339619</a>
700405201	FLIR HSM video of leaking Larkin nut - 10:15a	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339620">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339620</a>
700405202	FLIR video of leaking Larkin nut - 2:25p	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339621">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339621</a>
700405203	FLIR HSM video of leaking Larkin nut - 2:25p	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339622">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339622</a>
700405204	FLIR video of leaking tank hatch	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339623">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339623</a>
700405205	FLIR HSM video of leaking tank hatch	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339624">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339624</a>
700405206	inspection photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339625">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5339625</a>