

**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:

07/20/2018

Submitted Date:

07/25/2018

Document Number:

691200294**FIELD INSPECTION FORM**

Loc ID 417683	Inspector Name: Evins, Bret	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	<b>Status Summary:</b> <input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED  <b>Findings:</b> 21 Number of Comments 8 Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested
<b>Operator Information:</b> OGCC Operator Number: <u>83555</u> Name of Operator: <u>SUNBURST INC</u> Address: <u>1401 E GIRARD STE 143</u> City: <u>ENGLEWOOD</u> State: <u>CO</u> Zip: <u>80110</u>				

**Contact Information:**

Contact Name	Phone	Email	Comment
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		dnr_cogccengineering@state.co.us	
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Mazotti, Joe		ogp-co@comcast.net	Regulatory Consultant
Jackson, Jay		sun1045@aol.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
417686	WELL	PR	08/01/2017	OW	123-31719	JOKER 36-9-62	PR

**General Comment:**

Location			
<b>Lease Road:</b>			
Type	Access		
comment:	Access road to Joker 36-9-62 (API # 05-123-31719) wellhead is adequate.		
Corrective Action	L	Date:	
Type	Main		
comment:	Main road to Joker 36-9-62 (API # 05-123-31719) battery site is adequate.		
Corrective Action	L	Date:	
Overall Good: <input type="checkbox"/>			
<b>Signs/Marker:</b>			
Type	BATTERY		
Comment:			
Corrective Action:			Date:
Emergency Contact Number:			
Comment:			Date: _____
Corrective Action:			
<b>Good Housekeeping:</b>			
Type	OTHER		
Comment:	Stained soil at wellhead.		
Corrective Action:	Comply with Rule 603.f .		Date: 08/24/2018
Type	UNUSED EQUIPMENT		
Comment:	Horizontal heated separator is disconnected & not in use. Statewide unused equipment, weeds, waste, and trash requirements.		
Corrective Action:	Comply with Rule 603.f .		Date: 08/24/2018
Type	WEEDS		
Comment:	Weeds are heavy around entire location (Wellhead, Pumping Unit, Treater, ECD, Tank battery, & oil, water loading area. Statewide unused equipment, weeds, waste, and trash requirements.		
Corrective Action:	Comply with Rule 603.f .		Date: 08/06/2018
Overall Good: <input type="checkbox"/>			
<b>Spills:</b>			
Type	Area	Volume	
In Containment: No _____			
Comment:			
<input type="checkbox"/> Multiple Spills and Releases?			
<b>Equipment:</b>			
Type: Vertical Heater Treater	# 1	corrective date	
Comment:			
Corrective Action:			Date:
Type: Gas Meter Run	# 1		
Comment:	No measurement meter on meter run line.		

Corrective Action:		Date:	
Type: Bird Protectors	# 1		
Comment:			
Corrective Action:		Date:	
Type: Emission Control Device	# 1		
Comment:	Emissions control device inlet valve is closed. Does not appear to be in operation. It appears that it should be functioning for control of tank VOC's if inlet valve to ECD was not shut.		
Corrective Action:		Date:	
Type: Flare	# 1		
Comment:	Candlestick flare appears to be venting gas without ignition source as confirmed by FLIR camera video and photos of disconnected spark plug wire near top of candlestick flare. Gas being vented or flared during non-upset condition without prior approval from COGCC.		
Corrective Action:	Since the flaring or venting occurred after flowback without approval, Contact the COGCC Area Engineer for next steps per Rule 912.b. Refer to the venting and flaring NTO for further details.		Date: 07/27/2018
Type: Prime Mover	# 1		
Comment:	Gas engine powers pumping unit.		
Corrective Action:		Date:	
Type: Deadman # & Marked	# 4		
Comment:	Deadman are inadequately marked. Deadman markers need to be visible. Mark guy line anchors per Rule 604.c.(2)Q.		
Corrective Action:	Comply with Rule 604.c.(2)Q.		Date: 08/09/2018
Type: Horizontal Heated Separator	# 1		
Comment:	Separator is disconnected & not in use.		
Corrective Action:		Date:	
Type: Pump Jack	# 1		
Comment:			
Corrective Action:		Date:	
Type: Ancillary equipment	# 1		
Comment:	Propane tank on location for supplemental fuel.		
Corrective Action:		Date:	

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	400 BBLS	FIBERGLASS AST		,
Comment:					
Corrective Action:					Date:

**Paint**

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

**Berms**

Inspector Name: Evins, Bret

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficent	Base Sufficent	Adequate	
Comment: Shares berms with produced oil tanks.					
Corrective Action:					Date:
Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	2	400 BBLs	STEEL AST		40.710003,-104.275281
Comment: Observed stain on middle tank.					
Corrective Action: Comply with Rule 603.f .					Date: 08/24/2018

**Paint**

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

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficent	Base Sufficent	Adequate	
Comment: Shares berms with produced H2O tank.					
Corrective Action:					Date:

**Venting:**

Yes/No	YES		
Comment:	Gas being vented or flared during non-upset condition without prior approval from COGCC.		
Corrective Action:	Since the flaring or venting occurred after flowback without approval, Contact the COGCC Area Engineer for next steps per Rule 912.b. Refer to the venting and flaring NTO for further details.	Date:	07/27/2018

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities									
Facility ID:	417686	Type:	WELL	API Number:	123-31719	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:		PR.							
Corrective Action:								Date:	
BradenHead									
Comment:		Bradenhead does NOT appear to be plumbed to surface.							
Corrective Action:								Date:	

Reclamation - Storm Water - Pit

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Comment:

Corrective Action:

Date:

Pits: ☒ NO SURFACE INDICATION OF PIT

**Optical Gas Imaging Survey**Survey Type: RoutineCurrent Operations: ☒ Production ☐ Workover ☐ Flowback ☐ Referred to APCDGPS(entrance of location): Lat: 40.710003 Long: -104.275281Wind: Calm Speed: 0-2 (mph) Direction From: NW Weather: Clear Temperature: 91 (F)Assisting Staff Jason Gomez Camera #: 1☐ Visible Smoke ☐ Referred to CDPHE

Times Surveyed

Equipment Surveyed

Time Survey Start	AM/PM	Time Survey End	AM/PM	Equipment
12:15	PM	12:17	PM	Other

Comment: Candlestick flare.  
Candlestick flare appears to be venting gas without ignition source as observed by FLIR camera video and photos of disconnected spark plug wire near top of candlestick flare.  
Gas being vented or flared during non-upset condition without prior approval from COGCC.

Valve to flare was open at time of inspection.

Corrective Action: Since the flaring or venting occurred after flowback without approval, Contact the COGCC Area Engineer for next steps per Rule 912.b. Refer to the venting and flaring NTO for further details.

Mechanical Conditions. 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: 07/27/2018**COGCC Comments**

Comment	User	Date
<u>FLIR Video attachment appears to confirm venting through candlestick flare.</u> <u>See at following time intervals of video:</u> 1.) 0:00:30 - 0:00:38 2.) 0:01:02 - 0:01:08 3.) 0:01:35 - 0:01:59  <u>Initial inspection w/ photos conducted on 07/20/2018.</u> <u>Supplementary inspection w/ photos &amp; FLIR camera video of candlestick flare conducted on 07/24/2018.</u>	evinsb	07/25/2018

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

Document Num	Description	URL
401715192	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4533774">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4533774</a>
691200295	Site photos_July 20, 2018	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4533771">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4533771</a>
691200298	Site photos_July 24, 2018	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4533772">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4533772</a>
691200299	Joker 36-9-62 candlestick flare FLIR video	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4533773">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4533773</a>