

**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:

05/31/2018

Submitted Date:

06/05/2018

Document Number:

685200497

**FIELD INSPECTION FORM**

Loc ID 426290 Inspector Name: LABOWSKIE, STEVE 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: 44394  
Name of Operator: JAVERNICK\* LARRY  
Address: 230 STEINMEIER AVE  
City: CANON CITY State: CO Zip: 81212

**Findings:**

8 Number of Comments  
4 Number of Corrective Actions

Corrective Action Response Requested

**Contact Information:**

Contact Name	Phone	Email	Comment
Leonard, Mike		mike.leonard@state.co.us	
Schlagenhauf, Mark		mark.schlagenhauf@state.co.us	
Burn, Diana		diana.burn@state.co.us	
Ash, Margaret		margaret.ash@state.co.us	
Andrews, Dave		david.andrews@state.co.us	
Ellsworth, Stuart		stuart.ellsworth@state.co.us	
Ramos, Martha		martha.ramos@state.co.us	
Labowskie, Steve		steve.labowskie@state.co.us	
Duran, John		john.duran@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
416340	WELL	DM	08/01/2000	GW	043-40080	JAVERNICK 1 DM	SI

**General Comment:**

Operator is not surface owner where well is located. This is a violation of 100 Series Rule which states a "domestic gas well is solely for the use of the surface owner". Flowline is currently disconnected and air-gapped between wellhead and 2" riser directly next to well (see inspection photos). FLIR survey shows a steady flow of gas from the open to atmosphere flowline (see photos and FLIR video) which is stubbed up approx. 2' above ground level. Wellhead and wedge valve appear to not be leaking at time of inspection.

Source of gas is likely a connection between the flowline and well that is below grade and not seen from surface. Flowline should not be hooked back up to well or capped or plugged for any reason. Plugging of flowline or re-connecting could re-energize flowline which has unknown integrity and unknown connection and seal at house where domestic use had been conducted in the past. Operator passed away 6/3/2016.

**Location**

Overall Good:

**Signs/Marker:**

Type	WELLHEAD		
Comment:	no sign		
Corrective Action:	install sign per Rule 210.d	Date:	06/15/2018

**Emergency Contact Number:**

Comment:	no information		
Corrective Action:	install valid phone number where operator can be reached at all times per Rule 210.d	Date:	06/15/2018

Overall Good:

**Spills:**

Type	Area	Volume		

In Containment: No

Comment:

Multiple Spills and Releases?

**Equipment:**

Type			corrective date
Ancillary equipment	# 1		
Comment:	wellhead flange and wedge valve		
Corrective Action:		Date:	
Flow Line	# 1		
Comment:	disconnected		
Corrective Action:		Date:	

**Venting:**

Yes/No	YES		
Comment:	steady gas stream flwoing from flow line (see FLIR video), flowline may be tied in to well below grade.		
Corrective Action:		Date:	

**Flaring:**

Type			
Comment:			
Corrective Action:		Date:	

**Inspected Facilities**

Facility ID: 416340 Type: WELL API Number: 043-40080 Status: DM Insp. Status: SI

**Flowline**

#1	Type: Non-Well Site	1 of Lines
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Flowline Description

Flowline Type: Non-Well Site Size: 2" Material: Poly  
 Variance: Age: Contents: Natural Gas

Integrity Summary

Failures: Spills: Repairs Made:  
 Coatings: H2S: Cathodic Protection:

Pressure Testing

Witnessed: Test Result: Charted:

COGCC Rules(check all that apply)

1101. Installation and Reclamation  1102. Operations, Maintenance, and Repair  1103. Abandonment

Comment: Flowline is no longer being used and has no useful purpose. Well and property which used gas from well in past now have different surface owners. Poly material observed in irrigation system/ditch which appears to be this flowline (inadequate cover). Markers at road and near homes and streets do not have correct information.

Corrective Action: Mark flowline with adequate markers and emergency information per Rule 1102.g. (Note: Rule 1105.a states that requirements of Rules 1101-04 remain in place until flowlines are abandoned). Comply with all portions of Rules 1101, 1102, 1103 and 1104. including 811 one call. Corrective Action date = 6/15/2018

Determine source of gas flow observed in FLIR video (see attachment page for link to video) by excavating wellhead and flowline at well (note: gas observed at flowline, work should only be done by a contractor qualified to do well work in a high LEL environment. Contact Integrity Engineer and Engineering Supervisor with results. Corrective Action date = 6/15/2018

Abandon flowline per Rule 1105.b and c - Corrective Action date = 7/5/2018

File Form 44 subsequent abandonment report within 30 days of flowline abandonment per Rule 1105.d

Date: 06/15/2018

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: \_\_\_\_\_

Comment: Circular area around wellhead void of vegetation (see photos). Cause should be investigated, soil gas samples may be required.

**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? \_\_\_\_\_

Comment

Corrective Action

Date \_\_\_\_\_

Unused or unneeded equipment onsite? Pass

Comment

Corrective Action

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? Pass

Comment

Corrective Action

Date \_\_\_\_\_

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

Comment

Corrective Action

Date \_\_\_\_\_

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

RESTORATION AND REVEGETATION

Cropland

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

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

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? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: \_\_\_\_\_

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: \_\_\_\_\_

**Pits:**     NO SURFACE INDICATION OF PIT

**Optical Gas Imaging Survey**

Survey Type: Complaint

Current Operations:  Production  Workover  Flowback  Referred to APCD

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

Wind: Light Speed: 2 (mph) Direction From: SW Weather: Clear Temperature: 85 (F)

Assisting Staff John Duran Camera #: \_\_\_\_\_

Visible Smoke  Referred to CDPHE

Times Surveyed

Equipment Surveyed

Time Survey Start	AM/PM	Time Survey End	AM/PM
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Equipment
Flowline
Wellhead(s)

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

Corrective Action: Excavate wellhead to determine source of gas. Do not re-connect or plug flowline.

Date: 06/15/2018

**Attached Documents**

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

Document Num	Description	URL
685200498	FLIR video flowline venting gas	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4485098">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4485098</a>
685200499	inspection photos (5.31.18)	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4485099">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4485099</a>