

**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:

03/15/2017

Submitted Date:

03/21/2017

Document Number:

673715056**FIELD INSPECTION FORM**Loc ID 449576 Inspector Name: Sherman, Susan On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10652Name of Operator: EASTCO OPERATING LLCAddress: 600 17TH STREET SUITE 2800City: DENVER State: CO Zip: 80202**Status Summary:**

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

Findings:11 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Johnson, Joel	512-940-7285	joel@eastcoop.com	Designated agent
Colwell, Cecil	303-748-1501	cncolwell50@gmail.com	Engineer

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
449575	WELL	XX	03/09/2017		039-06682	Vermillion 1	DG

General Comment:

LocationOverall Good: ☐**Signs/Marker:**

Type	OTHER		
Comment:	lease sign at CR 26 and 173		
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment: 303-634-2212

Corrective Action:

Date: _____

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment:

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

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Location Construction

Location ID: 449575

CDP: _____

Comment:

Corrective Action:

Date: _____

Form 2A COAs:**Comment:** Road watered for dust control. Discussed driving slowly for dust control also.

Corrective Action:

Date: _____

Wildlife BMPs:**Comment:**

Corrective Action:

Date: _____

Stormwater:

Erosion BMPs

Present

Other BMPs

Present

SLOPE ROUGHENING	Yes		
Comments: Erosion BMPs: <input type="text"/>			
Other BMPs: <input type="text"/>			
Corrective Action: <input type="text"/>			Date: <input type="text"/>
BERMS	Yes	Covering Materials	Yes`
Comments: Erosion BMPs: <input type="text" value="compacted berms and soil stock piles"/>			
Other BMPs: <input type="text"/>			
Corrective Action: <input type="text"/>			Date: <input type="text"/>
DITCHES	Yes	Vehicle Trakcing	Yes`
Comments: Erosion BMPs: <input type="text"/>			
Other BMPs: <input type="text"/>			
Corrective Action: <input type="text"/>			Date: <input type="text"/>

Comment:

Corrective Action: **Date:**

On Site Inspection (305):

Surface Owner Contact Information:

Name: Address:

Phone Number: Cell Phone:

Operator Rep. Contact Information:

Landman Name: Phone Number:

Date Onsite Request Received: Date of Rule 306 Consultation:

Request LGD Attendance:

LGD Contact Information:

Name: Phone Number: Agreed to Attend:

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Inspected Facilities

Facility ID: 449575 Type: WELL API Number: 039-06682 Status: XX Insp. Status: DG

Well Drilling

Rig: Rig Name: Schaal Pusher/Rig Manager: Amando
 Permit Posted: _____ Access Sign: _____

Well Control Equipment:

Pipe Ram: _____ Blind Ram: _____ Hydril Type: _____
 Pressure Test BOP: _____ Test Pressure PSI: _____ Safety Plan: _____

Drill Fluids Management:

Lined Pit: _____ Unlined Pit: _____ Closed Loop: _____ Semi-Closed Loop: _____
 Multi-Well: _____ Disposal Location: _____

Comment: Surface casing drilling only. Spud on 3/15/2017, TD 501, cemented surface on 3/17/2017.

Corrective Action: _____ Date: _____

Cement**Cement Contractor**

Contractor Name: Consolidated Contractor Phone: _____

Surface Casing

Cement Volume (sx): 275 Circulate to Surface: YES
 Cement Fall Back: _____ Top Job, 1" Volume: _____

Intermediate Casing

Cement Volume (sxs): _____ Good Return During Job: _____

Production Casing

Cement Volume (sx): _____ Good Return During Job: _____

Plugging Operations

Depth Plugs(feet range): _____ Cement Volume (sx): _____
 Good Return During Job: _____ Cement Type: _____

Comment: _____

Corrective Action: _____ Date: _____

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

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: IMPROVED PASTURE

Comment: dryland crop**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? _____

Comment _____

Corrective Action _____ Date _____

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

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 REVEGETATIONCropland

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: IMPROVED PASTURE _____

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
Ditches	Pass	Culverts	Pass	Material Handling And Spill Prevention	Pass	MSDS Book
Berms	Pass					
Compaction	Pass	Compaction	Pass	Covering Materials	Pass	
Slope Roughening	Pass			Vehicle Tracking	Pass	

Comment: Corrective Action: Date: **Pits:** ☐ NO SURFACE INDICATION OF PITType: Water FreshLined: YESPit ID: Lat: 38.950450Long: -103.854510Reference Point: SEOther: Length: 100Width: 23**Lining:**Liner Type: Liner Condition: Comment: Corrective Action: Date: c**Fencing:**Fencing Type: NoneFencing Condition: Comment: Corrective Action: Date: **Netting:**Netting Type: Netting Condition: Comment: Corrective Action: Date: Anchor Trench Present: Oil Accumulation: NO2+ feet Freeboard: Comment: Corrective Action: Date: Type: Drilling PitLined: NOPit ID: Lat: 38.950070Long: -103.854330Reference Point: SEOther: Length: 100Width: 100**Lining:**Liner Type: Liner Condition: Comment: Corrective Action: Date: c**Fencing:**Fencing Type: NoneFencing Condition: Comment: Corrective Action: Date:

Netting:		
Netting Type:	Netting Condition:	
Comment:		
Corrective Action		
Anchor Trench Present:	Oil Accumulation: <u>NO</u>	2+ feet Freeboard: <u>YES</u>
Comment:	No groundwater was observed in drill pit. Operator will watch for wildlife and fence if needed.	
Corrective Action		
		Date:

COGCC Comments

Comment	User	Date
On 3/15/2017 met with Drilling Manager, pusher and surface driller on the need for a drill pit. Contacted COGCC OGLA (JN) and Elbert County concerning the drill pit. All said that a drill pit could be constructed on the location if no groundwater was found while constructing the pit. If groundwater was found, the pit would be covered immediately. Elbert County had previously sent a memo to EASTCO about the drill pit on location. The location construction plan was changed from the previous COGCC inspection (3/15/2017). No ground water was found (verified by inspector on 3/15 and 3/18) and the pit construction was completed (see attached photos).	ShermaSe	03/19/2017

Attached Documents

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

Document Num	Description	URL
673715082	EASTCO Vermillion 1	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4104676