

FORM INSP
Rev 05/11

**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:
08/23/2016
Document Number:
685100057

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>447275</u>	<u>314801</u>	<u>NEIDEL, KRIS</u>	<input type="checkbox"/>	

Overall Inspection:
SATISFACTORY w/ CMT or AR

Operator Information:

OGCC Operator Number:	<u>16700</u>
Name of Operator:	<u>CHEVRON USA INC</u>
Address:	<u>6301 DEAUVILLE BLVD</u>
City:	<u>MIDLAND</u> State: <u>TX</u> Zip: <u>79706</u>

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED
- INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

Contact Information:

Contact Name	Phone	Email	Comment
haub, Michael		mhaub@chevron.com	

Compliance Summary:

QtrQtr: NWSW Sec: 22 Twp: 2N Range: 102W

Inspector Comment:

COGCC staff inspected spill number 401092833 on 8/11/2016, Field Inspection was performed with Chevron EH&S employee Michael Haub. The spill originated from a flowline that was subsurface through an intermittent stream. A significant rain event occurred on Monday 8/8/2016 that caused erosion of soil that exposed the flowline. Per Chevron, the stormwater flow caused the flowline to fail releasing the flowline contents to the intermittent stream. Part of the Chevron's SPCC plan employs "siphon" impoundments, that collect surface water in roughly 50' (diameter) impoundments. The flowline release occurred approximately 100' upstream from "Siphon 43". Once the fluid level reaches a certain height, a pipe allows fluid to flow through the pipe and continue downstream. The rain event and spill volume was enough to cause fluid to reach the flow through piping and fluid continued downstream. Piping that allows for water to pass out of the siphon have alarms to notify CHVRON that the siphon ditch is full. The alarm in the subject ditch sounded on 8/8/2016. At the time of the rainstorm and spill, the part of the field where the spill occurred was shut in. The alarm was assumed to be related to the recent rain and the siphon was not inspected until 8/10/2016. Mr. Haub and Mr. Neidel walked the intermittent stream. The majority of the observable hydrocarbon was contained in the siphon impoundment. The high-water mark was observable along the path of the spill.. There was hydrocarbon observable in vegetation and on soil. Hydrocarbon was observed periodically and not continuous in the intermittent stream. A high-water mark along the intermittent stream was observed, the vast majority of the spill path was free of hydrocarbon. Crews were at the spill site, the focus at the time of inspection was on the removing; oil, water, contaminated vegetation and soil from the flowline release point to the siphon ditch. It was discussed that water and soil would be brought to Chevron land farm, with the field shut in the Chevron Water Plant is not accepting water. Removed vegetation was to be hauled as soil waste per local regulation. Chevron determined the end of the spill by taking obtaining water samples for Chlorides, the results came back non detect, they called that the end of the spill. Chevron feel that Chlorides are the primary indicator of their Produced water. The Fee 73x well that was the source of the spill is part of an enhanced recovery oil extraction.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
229617	WELL	PR	05/13/1970	OW	103-07274	FEE 73X	PR <input type="checkbox"/>
447275	SPILL OR RELEASE	AC	08/12/2016		-	SPILL/RELEASE POINT	EI <input checked="" type="checkbox"/>

Equipment:

Location Inventory

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Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Emergency Contact Number (S/AR): _____ Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Venting:

Yes/No	
Comment	

Flaring:

Type	Satisfactory/Action Required
Comment:	
Corrective Action:	Correct Action Date:

Predrill

Location ID: 447275

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/AR: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

S/AR: _____ Comment: _____

CA: _____ Date: _____

Wildlife BMPs:

S/AR: _____ Comment: _____

CA: _____ Date: _____

Comment: _____

Staking:

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:

Facility

Facility ID: 447275 Type: SPILL OR API Number: - Status: AC Insp. Status: EI

Environmental

Spills/Releases:

Type of Spill: PRODUCED WATER Description: _____ Estimated Spill Volume: _____

Comment: Surface owner notification is required by COGCC Rule, surface of spill is Fee. Mr. Haub indicated that Chevron Land Department handles all the communication to surface owners, and that the surface owner was notified. There were 3 main areas had pooling water; The main siphon impoundment, hydrocarbon observable. An area that was dammed off by Chevron, downstream from siphon, hydrocarbon observable. An area where the stream flattens out down from the Chevron created impoundment. Hydrocarbon observable. Per discussion with Mr. Haub, all areas with standing water and hydrocarbon will be evacuated by end of day 8/11/2016. Water hauled and disposed as E&P waste. There was very shallow ponding of water <.5" at frequent location along the path

Corrective Action: operator should submit a Form 27, Remedation Workplan outlining the response to Date: 11/01/2016

Reportable: YES GPS: Lat Long Proximity to Surface Water: 0 Depth to Ground Water: 5000

Water Well: DWR Receipt Num: Owner Name: GPS: Lat Long

Field Parameters: Sample Location:

Emission Control Burner (ECB): Comment: Pilot: Wildlife Protection Devices (fired vessels):

Reclamation - Storm Water - Pit

Interim Reclamation: Date Interim Reclamation Started: Date Interim Reclamation Completed: Land Use: Comment:

1003a. Waste and Debris removed? CM CA CA Date

Unused or unneeded equipment onsite? CM CA CA Date

Pit, cellars, rat holes and other bores closed? CM CA CA Date

Guy line anchors marked? CM CA CA 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 Non-Cropland Top soil replaced Recontoured Perennial forage re-established 80% Revegetation

Inspector Name: NEIDEL, KRIS

1003 f. Weeds Noxious weeds? _____

Comment: _____

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 _____

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

S/A/V: _____

Corrective Date: _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Attached Documents

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

Document Num	Description	URL
685100057	INSPECTION APPROVED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3935397
685100059	picture	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3935387