

Inspector Name: Sherman, Susan

**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



DE	ET	OE	ES
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Inspection Date:

04/04/2014

Document Number:

673702180

Overall Inspection:

**Unsatisfactory****FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	<u>218174</u>	<u>309598</u>	<u>Sherman, Susan</u>	<input type="checkbox"/> 2A Doc Num: _____

**Operator Information:**

OGCC Operator Number:

Name of Operator: CHURCHILL ENERGY INCAddress: 777 S WADSWORTH BLVD #2-200City: LAKEWOOD State: CO Zip: 80226

- ☐ 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
LOVE, KIMBERLY J	303-987-0241	kjlkjlc@ar@aol.com	
KOEHLER, BOB		bob.koehler@state.co.us	UIC

**Compliance Summary:**QtrQtr: NWSW Sec: 19 Twp: 9S Range: 56W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
04/19/2013	668600643	IJ	AC	Satisfactory			No
08/05/2011	200317233	MI	AC	Unsatisfactory			No
04/11/2011	200308340	RT	AC	Unsatisfactory			Yes
04/15/2010	200250391	PR	PR	Unsatisfactory			Yes
04/05/2010	200241001	RT	SI	Unsatisfactory			No
04/14/2009	200208733	RT	AC	Satisfactory			No
04/29/2008	200189233	RT	AC	Satisfactory			No
06/25/2007	200113645	RT	AC	Satisfactory		Pass	No
08/07/2006	200094758	MI	AC	Satisfactory		Pass	No
01/31/2005	200066113	RT	AC	Satisfactory		Pass	No
08/06/2004	200058074	RT	AC	Satisfactory		Pass	No
08/26/2003	200043331	RT	AC	Satisfactory		Pass	No
07/25/2002	200029474	RT	AC	Satisfactory		Pass	No
08/14/2001	200019476	MI	AC	Satisfactory		Pass	No
08/30/2000	200009352	RT	AC	Satisfactory	I	Pass	No
12/30/1997	500152357	PR	AC			Pass	No
10/06/1995	500152356	PR	SI			Pass	Yes
08/27/1995	500152355	PR	SI			Fail	Yes

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
150405	UIC DISPOSAL	AC	07/01/1996		-	CHAMPLIN LIMON 1-19	AC	<input checked="" type="checkbox"/>
218174	WELL	IJ	11/14/2013	DSPW	073-06159	CHAMPLIN-LIMON 1-19	IJ	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Motors: _____	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****Signs/Marker:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
CONTAINERS	Unsatisfactory	One blue container at treater needs label (see attached photo).	Install sign to comply with rule 210.	05/07/2014
BATTERY	Satisfactory			
TANK LABELS/PLACARDS	Unsatisfactory	Pit vault needs labeling (see attached photo).	Install sign to comply with rule 210.	05/01/2014
WELLHEAD	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory

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

Comment: Emergency contact number is on electrical panel at tank battery and on a faded sign at wellhead (see attached photo). Update well emergency contact sign.

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

**Spills:**

Type	Area	Volume	Corrective action	CA Date
Crude Oil	Tank	<= 5 bbls	Remove and remediate stained soil (see attached photo).	05/01/2014
Crude Oil	WELLHEAD	<= 5 bbls	Remove and remediate stained soil (see attached photo).	05/01/2014
Crude Oil	Treater	<= 5 bbls	Remove and remediate stained soil (see attached photo).	05/01/2014

☐ Multiple Spills and Releases?**Fencing/:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
OTHER	Satisfactory	IJ well, steel panels		
PUMP JACK	Satisfactory	steel panels		
WELLHEAD	Satisfactory	steel panels		

Inspector Name: Sherman, Susan

SEPARATOR	Satisfactory	Barbed wire		
TANK BATTERY	Satisfactory	Barbed wire		

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Deadman # & Marked	8	Satisfactory	IJ and oil well		
Bird Protectors	2	Satisfactory	treaters		
Veritcal Heater Treater	2	Satisfactory	berms 39.24997, - 103.71209		
Prime Mover	1	Satisfactory	electric		
Ancillary equipment	3	Satisfactory	Pump shed at IJ tank battery, REA poles.		
Pump Jack	1	Satisfactory			

Facilities:					
<input type="checkbox"/> New Tank		Tank ID: _____			
Contents	#	Capacity	Type	SE GPS	
PRODUCED WATER	2	400 BBLS	STEEL AST	39.249760,-103.712080	
S/U/V:	Satisfactory		Comment:		
Corrective Action:				Corrective Date:	

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

Berms				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficent	Base Sufficent	Adequate
Corrective Action				Corrective Date
Comment				

Inspector Name: Sherman, Susan

<b>Facilities:</b>		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	3	300 BBLS	STEEL AST	39.250200,-103.712010	
S/U/V:	Satisfactory		Comment:		
Corrective Action:				Corrective Date:	
<b>Paint</b>					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
<b>Berms</b>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					
<b>Venting:</b>					
Yes/No		Comment			
NO					
<b>Flaring:</b>					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	

**Predrill**

Location ID: 218174

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/U/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:****S/U/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:****S/U/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Stormwater:****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: 150405 Type: UIC API Number: - Status: AC Insp. Status: AC

Facility ID: 218174 Type: WELL API Number: 073-06159 Status: IJ Insp. Status: IJ

**Underground Injection Control**

UIC Violation: \_\_\_\_\_

Maximum Injection Pressure: \_\_\_\_\_

**UIC Routine**

Inj./Tube: Pressure or inches of Hg -3' HG \_\_\_\_\_ Previous Test Pressure \_\_\_\_\_ MPP \_\_\_\_\_  
 (e.g. 30 psig or -30" Hg) \_\_\_\_\_ Inj Zone: JSND

TC: Pressure or inches of Hg 0" HG \_\_\_\_\_ Previous Test Pressure \_\_\_\_\_ Last MIT: 08/05/2011

Brhd: Pressure or inches of Hg \_\_\_\_\_ Previous Test Pressure \_\_\_\_\_ AnnMTReq: \_\_\_\_\_

Comment: Valve leaks. JSND. Last MIT 8/5/11.

Method of Injection: PUMP FEED

Test Type: \_\_\_\_\_ Tbg psi: \_\_\_\_\_ Csg psi: \_\_\_\_\_ BH psi: \_\_\_\_\_

Insp. Status: \_\_\_\_\_

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

**Environmental****Spills/Releases:**

Type of Spill: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_

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

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_

Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well:**

Lat \_\_\_\_\_ Long \_\_\_\_\_

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_

**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: pasture

1003a. Debris removed? Pass CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Waste Material Onsite? Pass CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Unused or unneeded equipment onsite? Pass CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors marked? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? Pass Production areas stabilized ? Pass

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? Pass

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 Pass

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
Gravel	Pass	Gravel	Pass			

Inspector Name: Sherman, Susan

Compaction	Pass	Compaction	Pass	MHSP	Pass	
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S/U/V: Satisfactory Corrective Date: \_\_\_\_\_

Comment: Rill forming across well location on S side.

CA: \_\_\_\_\_

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

Pit Type: Produced Water Lined: YES Pit ID: \_\_\_\_\_ Lat: 39.249880 Long: -103.711790

**Lining:**

Liner Type: Other Liner Condition: Inadequate

Comment: Geotextile tearing.

**Fencing:**

Fencing Type: Livestock Fencing Condition: Adequate

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

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

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

Anchor Trench Present: YES Oil Accumulation: NO 2+ feet Freeboard: \_\_\_\_\_

Pit (S/U/V): Satisfactory Comment: Unused

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Pit Type: Skimming/Settling Lined: YES Pit ID: \_\_\_\_\_ Lat: 39.249970 Long: -103.711900

**Lining:**

Liner Type: Other Liner Condition: \_\_\_\_\_

Comment: concrete vault (see attached photo)

**Fencing:**

Fencing Type: Livestock Fencing Condition: Adequate

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

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

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

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: \_\_\_\_\_ 2+ feet Freeboard: \_\_\_\_\_

Pit (S/U/V): Unsatisfactory Comment: Needs labeling as listed under location tab.

Corrective Action: Add contents, quantity and NFPA labels. Date: 05/01/2014

**Attached Documents**

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

Document Num	Description	URL
673702182	Churchill Champlin Limon 1-19 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316040">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316040</a>
673702183	Churchill Champlin Limon 1-19 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316041">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316041</a>
673702184	Churchill Champlin Limon 1-19 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316042">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316042</a>
673702185	Churchill Champlin Limon 1-19 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316043">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316043</a>



673702186	Churchill Champlin Limon 1-19 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316044">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316044</a>
673702187	Churchill Champlin Limon 1-19 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316045">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316045</a>
673702188	Churchill Champlin Limon 1-19 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316046">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316046</a>
673702189	Churchill Champlin Limon 1-19 well	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316047">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316047</a>
673702190	Churchill Champlin Limon 1-19 well	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316048">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316048</a>
673702191	Churchill Champlin Limon 1-19 Bat	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316049">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316049</a>
673702193	Churchill Champlin Limon 1-19 well	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316050">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3316050</a>