

**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:  
08/13/2014

Document Number:  
673705510

Overall Inspection:

**ACTION REQUIRED**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>204841</u>	<u>320762</u>	<u>Sherman, Susan</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number: 10112

Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC

Address: 16000 DALLAS PARKWAY #875

City: DALLAS State: TX Zip: 75248-

- 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
Eisterhold, Rachael	(918) 585-1650 X212	regulatory@foundationenergy.com	
Behrens, Vic	(303) 810-6382	behrens@netecin.net	

**Compliance Summary:**

QtrQtr: NESE Sec: 16 Twp: 5S Range: 63W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
04/03/2008	200190513	PR	PR	<b>ACTION REQUIRED</b>			Yes
06/19/2002	200027799	PR	PR	<b>ACTION REQUIRED</b>		<b>Fail</b>	Yes

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
114605	PIT		09/23/1999		-	STATE 43-16	<input type="checkbox"/>
204841	WELL	PR	04/08/2008	OW	005-06926	STATE OF COLORADO 43-16	PR <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 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**

<b>Lease Road:</b>				
Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access	<b>ACTION REQUIRED</b>	Road at top of hill to well needs stormwater BMPs because of rills forming.	Install stormwater BMPs at top of hill going down to well.	11/03/2014

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
OTHER	SATISFACTORY	lease sign at gate		
BATTERY	SATISFACTORY			
WELLHEAD	SATISFACTORY			
TANK LABELS/PLACARDS	<b>ACTION REQUIRED</b>	Two CO tanks need NFPA labels. Propane tank and chemical container @ well need labels.	Install sign to comply with rule 210.	<b>10/03/2014</b>

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date: \_\_\_\_\_

Comment: **Poor to no service area, however pumper did respond right away.**

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

<b>Good Housekeeping:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WEEDS	<b>ACTION REQUIRED</b>	A few mullein weeds @ well location (see attached photo).	Control weeds.	11/03/2014

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Other	Pump Jack	<= 5 bbls	Remove or remediate stained soil in well shed.	11/03/2014
Crude Oil	WELLHEAD	<= 5 bbls	Remove or remediate historical stained soil at wellhead. Fix stuffing box leak.	11/03/2014

Multiple Spills and Releases?

<b>Fencing/:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY	barbed wire		
PUMP JACK	SATISFACTORY	steel mesh		
TANK BATTERY	SATISFACTORY	barbed wire		

<b>Equipment:</b>					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Bird Protectors	2	SATISFACTORY	On treater and separator.		
Emission Control Device	1	SATISFACTORY	39.61340, -104.43596		

Vertical Heater Treater	1	<b>ACTION REQUIRED</b>	Needs paint and berm maintenance. Berms 39.61338, -104.43596	Paint treater and maintain berms.	11/03/2014
Ancillary equipment	8	SATISFACTORY	Well and treater shed, chemical container, propane tank, 2 gas scrubbers, 2 solar meters		
Vertical Separator	1	SATISFACTORY	Same berms as VHT.		
Gas Meter Run	1	SATISFACTORY	Next to Noble's.		
Deadman # & Marked	4	SATISFACTORY			
Pump Jack	1	SATISFACTORY			
Prime Mover	1	SATISFACTORY	Propane		

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	2	300 BBLS	STEEL AST	39.613450,-104.435840

S/A/V:	<b>ACTION REQUIRED</b>	Comment:	
Corrective Action:	Paint tanks.		Corrective Date: 11/03/2014

**Paint**

Condition	Inadequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Inadequate	Walls Sufficient	Base Sufficient	Inadequate

Corrective Action	Maintain berms.	Corrective Date	11/03/2014
Comment			

**Venting:**

Yes/No	Comment

**Flaring:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 204841

**Site Preparation:**

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

**S/AV:** \_\_\_\_\_

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

**Form 2A COAs:**

**S/AV:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

**S/AV:** \_\_\_\_\_ **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: 204841 Type: WELL API Number: 005-06926 Status: PR Insp. Status: PR

**Producing Well**

**Comment:** Jan 2014 last reported production data.  
"Each producer or operator of an oil or gas well shall file with the Commission, within forty-five (45) days after the month in which production occurs, a report on Operator's Monthly Production Report, Form 7, containing all information required by said form. In addition, all fluids produced during the initial testing and completion shall be reported on Operator's Monthly Production Report, Form 7 within forty-five (45) days after the month in which testing and completion occurs."

**Environmental**

**Spills/Releases:**

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

Inspector Name: Sherman, Susan

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, drainage ~350' to the west.

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? Pass 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? Pass Subsidence over on drill pit? In

Cuttings management: \_\_\_\_\_

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? In

Production areas have been stabilized? Pass Segregated soils have been replaced? Pass

**RESTORATION AND REVEGETATION**

Cropland

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

Inspector Name: Sherman, Susan

Non-Cropland

Top soil replaced Pass Recontoured Pass 80% Revegetation Pass

1003 f. Weeds Noxious weeds? I

Comment:

Overall Interim Reclamation In Process

**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
Compaction	Pass	Compaction	Fail	MHSP	Fail	
Gravel	Pass					

S/A/V: **ACTION REQUIRED** Corrective Date: **09/15/2014**

Comment: **Chemical container @ well needs secondary containment (see attached photo).**

CA: **Install stormwater BMPs at chemical container.**

**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
673705522	Foundation State of Colorado 43-16 lease sign	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410428">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410428</a>
673705523	Foundation State of Colorado 43-16 Bat sign/tank	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410429">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410429</a>
673705524	Foundation State of Colorado 43-16 well sign	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410430">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410430</a>

673705525	Foundation State of Colorado 43-16 Bat treater/berms	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410431">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410431</a>
673705526	Foundation State of Colorado 43-16 well stained soil	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410432">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410432</a>
673705527	Foundation State of Colorado 43-16 well chem container	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410433">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410433</a>
673705528	Foundation State of Colorado 43-16 well propane	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410434">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410434</a>
673705530	Foundation State of Colorado 43-16 well weeds	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410435">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410435</a>
673705531	Foundation State of Colorado 43-16 well house	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410436">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3410436</a>