

<b>FORM INSP</b>	<b>State of Colorado</b>	DE	ET	OE	ES
Rev 05/11	<b>Oil and Gas Conservation Commission</b>	Inspection Date: <u>05/08/2012</u>			
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109					



**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name: <u>AXELSON, JOHN</u>
	<u>236552</u>	<u>317123</u>		

Document Number:  
667500017

Overall Inspection:  
**Violation**

**Operator Information:**

OGCC Operator Number: 7800 Name of Operator: BEREN CORPORATION

Address: 2020 N BRAMBLEWOOD STREET

City: WICHITA State: KS Zip: 67206

**Contact Information:**

**Compliance Summary:**

QtrQtr: SWSE Sec: 7 Twp: 4S Range: 53W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
11/30/2011	662000052			V			Y
09/21/2007	200119502	PR	PR	U			Y
04/03/2002	200025482	PR	PR	U		F	Y
10/31/1995	500159441	PR	PR			P	
03/09/1995	500159440	PR	PR			P	N

**Inspector Comment:**

Follow up inspection performed to verify that corrective actions were completed per last inspection (#662000052) with due date 3/2/12. New sign installed at battery and well. Oily waste had not been removed, Secondary containment at treater tank battery had not been improved. No changes made to skim pit. Still storing crude oil in unlined earthen skim pit. Soil surrounding skim pit still saturated with oil. Still an accumulation of oil on first produced water pit approx 20%. Edges of first produced water pit ringed with oil. Also, oil saturated soil has recently been used to build up north berm of first produced water pit. Area to north of water pit complex has been disturbed - no stormwater controls and invasive weeds. Water pit complex is located immediately adjacent to and upgradient of un-named tributary to Sand Creek. Six domestic water wells all with TD <50' are located within half a mile. May have been releases from pit complex into tributary in past. Surface water was present in tributary at time of inspection - may have been from recent rain. Appears to be a sensitive area. In addition to all remaining corrective actions, per COGCC Rule 901.c., COGCC requires a sensitive area determination including a formal site assessment to characterize site specific groundwater conditions. Site assessment shall be performed to determine if groundwater has been impacted due to operation of the pit complex for produced water disposal and shall be performed to determine if continued operation of the unlined skim pit and produced water pits is appropriate.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name
236552	WELL	PR	10/13/1975	OW	121-09042	LOUDDER 2-X

**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/Unsatisfactory	comment	Corrective Action	Date
Access	Unsatisfactory	Road is rutted needs maintenance.	Grade road and perform routine maintenance.	05/31/2012

<b>Signs/Marker:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Unsatisfactory	Tanks are not labelled properly.	Label in accordance with rule 210.d. including NFPA label, contents and capacity.	05/31/2012

Emergency Contact Number: (S/U/V) Satisfactory Corrective Date: 05/25/2012  
 Comment: Old sign w/old emergency # still present.  
 Corrective Action: Remove old signs.

<b>Good Housekeeping:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WEEDS	Unsatisfactory	weeds present at water pit complex and invading disturbed area on north side of water pits.	Control weeds and comply with noxious weed act.	05/31/2012

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
Crude Oil		> 5 bbls	Remove free product from skim pit and properly manage. Remove all oil saturated soil from unlined skim pit in accordance with 907.e.	05/31/2012
Crude Oil		> 5 bbls	Remove all oil saturated soil from water pit complex in accordance with 907.e.	05/31/2012
Crude Oil		<= 5 bbls	Remove free product from first produced water pit within 24-hrs and properly manage.	05/09/2012
Crude Oil	Tank	<= 5 bbls	Remove all oily soil from tank batteries and treat or dispose in accordance with 907.e. Any on-site land treatment will require prior approval of a Form 27.	05/31/2012
Crude Oil	Treater	<= 5 bbls	Remove all oily soil surrounding treater as above.	05/31/2012

Multiple Spills and Releases?

<b>Fencing/:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK BATTERY	Satisfactory	Fencing being installed at battery at time of inspection.		

<b>Equipment:</b>					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Veritcal Heater Treater	1	Unsatisfactory	Berms at treater inadequate.	Improve secondary containment.	05/31/2012

<b>Venting:</b>	
Yes/No	Comment

<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 317123

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

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

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

**Wildlife BMPs:**

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

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

**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present

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

Comments: Erosion BMPs: \_\_\_\_\_  
 Other BMPs: \_\_\_\_\_

**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:

\_\_\_\_\_

**Environmental**

**Spills/Releases:**

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

Comment: Oily soil observed at tank battery, treater, skim pit, produced water pit complex. Accumulations of oily waste at site shall be documented by submitting a Form 19.

Corrective Action: Cleanup and properly treat site-wide oily soil in accordance with 907.e. Date: 05/31/2012

Reportable: YES GPS: Lat Long

Proximity to Surface Water: 85 Depth to Ground Water:

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. Debris removed? CM

CA CA Date

Waste Material Onsite? 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 removed? 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

Top soil replaced Recontoured Perennial forage re-established

Non-Cropland

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

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

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

S/U/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

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

**Attached Documents**

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

Document Num	Description	URL
667500019	Localized oily soil	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2918110">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2918110</a>
667500020	Oily soil in berm produced water pit and disturbed area north side of pit complex	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2919233">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2919233</a>
667500021	1st produced water pit approx 20% covered with free product	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2919234">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2919234</a>
667500022	Tributary to Sand Creek immediately adjacent water pit complex	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2919235">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2919235</a>

667500023	Unlined earthen skim pit - storage of oil, surrounded by oil saturated soil	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2919236">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2919236</a>
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