

**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
----	----	----	----

Inspection Date:  
04/27/2012

Document Number:  
667100013

Overall Inspection:  
**Violation**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	<u>420405</u>	<u>420406</u>		<u>FISCHER, ALEX</u>

**Operator Information:**

OGCC Operator Number: 10354 Name of Operator: DAKOTA EXPLORATION LLC  
Address: 8801 S. YALE AVENUE, SUITE 120  
City: TULSA State: OK Zip: 74137

**Contact Information:**

Contact Name	Phone	Email	Comment
NEIDEL, KRIS		kris.neidel@state.co.us	
Reynolds, Gail	(918) 806-8687	GailReynolds@dakotaexploration.com	

**Compliance Summary:**

QtrQtr: NENW Sec: 36 Twp: 6N Range: 81W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
11/15/2011	662300031			U			N
05/05/2011	200311110	PR	WO	S			N
01/24/2011	200295598	DG	DG	S			N

**Inspector Comment:**

On April 27, 2012, Environmental Supervisor for the COGCC, Alex Fischer completed and inspection. Weather was cloudy and snow skawls. The previous day and evening heavy precipitation in the form of rain occurred. The berm on the southwest side of the pad was breached with surface water runoff toward Aprapahoe Creek. The pad is heavily rutted with trash and debris present with trash present in the drip pot at the tank battery. There is an approximate 60 foot by 30 foot shallow pit (drilling pit?) with fluids and oil accumulation in the north central part of the pad. The bermed tank battery had 3- 210 bbl tanks not labeled or placard. Oil staining was noted in the bermed area. Oil staining was noted in an approximated 50 foot by 50 foot area near the flare stack. A. Fischer contacted Eric by phone but call was dropped. A.Fischer left voice mail to Paul Collins to contact him on Monday April 30, 2012.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name
420405	WELL	XX	10/22/2010	LO	057-06507	Arapaho State 6-81-36-3
420406	LOCATION	AC	11/16/2010		-	Arapaho State 6-81-36-3

**Equipment:**

Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>1</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>1</u>	Separators: <u>1</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: <u>1</u>
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: <u>4</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location**

Inspector Name: FISCHER, ALEX

Emergency Contact Number: (S/U/V) \_\_\_\_\_ 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/Unsatisfactory	Comment	Corrective Action	CA Date
Pipe	<b>Violation</b>		Oil staining was noted in an approximated 50 foot by 50 foot area near the flare stack. Complete a Form 19, removed impacted soil and provide disposition of material removed including haul tickets.	<b>05/10/2012</b>

**Predrill**

Location ID: 420406

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

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	kubeczko	Location is in a sensitive area because of the potential for shallow groundwater; therefore either a lined drilling pit or closed loop system must be implemented.	11/01/2010
OGLA	kubeczko	The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.	11/01/2010
OGLA	kubeczko	The surface soils and materials are fine-grained and highly unconsolidated; therefore the pad shall be constructed as quickly as possible and appropriate BMPs need to be in place both during, after well pad construction completion, as well as during all drilling and well completion operations. Standard stormwater BMPs must be implemented at this location to insure compliance with CDPHE and COGCC requirements and to prevent any stormwater run-on and /or stormwater runoff.	11/01/2010
OGLA	kubeczko	Location is in a sensitive area because of the potential for shallow groundwater; therefore production pits (if constructed) must be lined.	11/01/2010

OGLA	kubeczkod	Reserve pit must be lined or a closed loop system must be implemented during drilling.	11/01/2010
OGLA	kubeczkod	Flowback to tanks only. Operator must submit a secondary and tertiary containment plan via sundry notice Form 4 for the tanks to Dave Kubeczko.	11/01/2010
OGLA	kubeczkod	No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.	11/01/2010

**Wildlife BMPs:**

BMP Type	Comment
Wildlife	CDOW waived consultation (see attached correspondence). Opeartor will comply with Rule 1204 (a)(1), bear-proof dumpsters, if required by COGCC.

**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: see comments below Estimated Spill Volume: \_\_\_\_\_

Comment: Weather was cloudy and snow skawls. The previous day and evening heavy precipitation in the form of rain occurred. The berm on the southwest side of the pad was breached with surface water runoff toward Aprapahoe Creek. The pad is heavily rutted with trash and debris present with trash present in the drip pot at the tank battery. There is an approximate 60 foot by 30 foot shallow pit (drilling pit?) with fluids and oil accumulation in the north central part of the pad. The bermed tank battery had 3- 210 bbl tanks not labeled or placard. Oil staining was noted in the bermed area. Oil staining was noted in an approximated 50 foot by 50 foot area near the flare stack. A. Fischer contacted Eric by phone but call was dropped. A.Fischer left voice mail to Paul Collins to contact him on Monday April 30, 2012.

Corrective Action: Complete a Form 19 regarding the release near the flare and submit to Alex Fischer Date: **05/07/2012**

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

Proximity to Surface Water: 354 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: RANGELAND

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: RANGELAND \_\_\_\_\_

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: **Violation** Corrective Date: 05/04/2012

Comment: Weather was cloudy and snow skawls. The previous day and evening heavy precipitation in the form of rain occurred. The berm on the southwest side of the pad was breached with surface water runoff toward Aprapahoe Creek. The pad is heavily rutted with trash and debris present with trash present in the drip pot at the tank battery.

CA: Implement SWMP and correct BMPs.

**Pits:**

Pit Type: Drilling Pit Lined: NO Pit ID: \_\_\_\_\_ Lat: \_\_\_\_\_ Long: \_\_\_\_\_

**Lining:**

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

Comment: Oil accumulation on the pit.

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_

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

**Netting:**

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

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

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

Pit (S/U/V): **Violation** Comment: Oil accumulation on the pit with less than 2-feet of free board.

Corrective Action: Immediately remove oil from pit. Close Pit according to the 900 and 1000 series Ruels.

Date: **05/01/2012**

**Attached Documents**

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

Document Num	Description	URL
667100014	Pad Berm Breach	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2911234">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2911234</a>
667100017	Oil near Flare	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2911235">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2911235</a>
667100018	Oil on Pit	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2911236">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2911236</a>
667100019	Oil on Pit	<a href="http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2911237">http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2911237</a>