

**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:  
04/17/2013

Document Number:  
669300487

Overall Inspection:  
Satisfactory

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	<input type="checkbox"/>
	<u>423734</u>	<u>423735</u>	<u>NEIDEL, KRIS</u>	2A Doc Num:	

**Operator Information:**

OGCC Operator Number: 78110 Name of Operator: SWEPI LP  
 Address: 4582 S ULSTER ST PKWY #1400  
 City: DENVER State: CO Zip: 80237

**Contact Information:**

Contact Name	Phone	Email	Comment
Cornell, Charles		charles.cornell@shell.com	
baldrige, anne		a.baldrige@shell.com	

**Compliance Summary:**

QtrQtr: SENW Sec: 29 Twp: 5N Range: 90W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
01/18/2012	662300119	XX	XX	S			N
07/21/2011	200325364	DG	DG	U			Y

**Inspector Comment:**

all equiptemt same as previous inspection.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
423734	WELL	SI	10/30/2012	OW	081-07658	HARPER HILL 1-29	<input checked="" type="checkbox"/>
423736	WELL	PR	10/30/2012	LO	081-07659	HARPER HILL 2-29	<input checked="" type="checkbox"/>

**Equipment:**

Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>2</u>	Production Pits: _____
Condensate Tanks: <u>1</u>	Water Tanks: <u>3</u>	Separators: <u>2</u>	Electric Motors: _____
Gas or Diesel Mortors: <u>1</u>	Cavity Pumps: <u>2</u>	LACT Unit: _____	Pump Jacks: <u>2</u>
Electric Generators: <u>3</u>	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: <u>2</u>	VOC Combustor: _____	Oil Tanks: <u>3</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>1</u>	Fuel Tanks: <u>2</u>

**Location**

Emergency Contact Number: (S/U/V) \_\_\_\_\_ Corrective Date: \_\_\_\_\_  
 Comment: \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_

**Spills:**

Type	Area	Volume	Corrective action	CA Date

Multiple Spills and Releases?

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

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

**Predrill**

Location ID: 423735

**Site Preparation:**

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

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

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	kubeczkod	<p>GENERAL SITE COAs:</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines or buried permanent pipelines.</p> <p>Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals, and maintained in good condition.</p> <p>Based on information from the operator, fracing of these horizontal wells is not planned. However, if during the completion process, the operator decides that portions of the production zone will require fracing and stimulation; all flowback and stimulation fluids must be sent to tanks to allow the sand to settle out before the fluids can be placed into any pipeline or pit located on the well pad. The flowback and stimulation fluid tanks must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material.</p> <p>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.</p> <p>Berms or other containment devices shall be constructed to be sufficiently impervious to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.</p>	05/11/2011
OGLA	kubeczkod	<p>CONSTRUCTION/DRILLING COA:</p> <p>The drilling pit must be lined, or a closed loop system (which operator has indicated on the Form 2A) must be implemented during drilling.</p>	05/11/2011

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

CA:

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

**Wildlife BMPs:**

BMP Type	Comment
PROPOSED BMPs	<p>Best Management Practices Summary APR 18 2011</p> <p>Harper Hill 1 -29 &amp; 2 -29</p> <p>Stormwater Management Plans (SWMP) are in place to comply with both Colorado Department of Public Health and Environment (CDPHE) and Colorado Oil and Gas Control Commission (COGCC) stormwater discharge permits. The construction layout for Harper Hill 1 -29 &amp; 2 -29 details Best Management Practices (BMP) to be installed during initial construction. Note that BMPs may be removed, altered, or replaced with changing conditions in the field and the SWMP will be updated accordingly.</p> <p>The BMPs prescribed for the initial construction phase include, but are not limited to</p> <ul style="list-style-type: none"> <li>• Construction diversion ditch</li> <li>• Sediment reservoirs</li> <li>• Check dams</li> <li>• Level spreaders</li> <li>• Stabilized construction entrance</li> <li>• Slash</li> <li>• Sediment trap</li> <li>• Wattle</li> <li>• Terrace</li> <li>• Secondary containment berms</li> <li>• Detention ponds</li> </ul> <p>Spill Prevention Plans (SPCC) are in place to address material releases and to prescribe materials handling BMPs for the facility. "Good house - keeping" measures will be taken to ensure proper waste disposal.</p> <p>Please refer to the attached email from the Colorado Department of Wildlife for Wildlife BMPs.</p> <p>From: Winters, Edward rmai lto: Edward.Winters(ostate.co.usl</p> <p>Sent: Thursday, April 14, 2011 1:43 PM</p> <p>To: Aleta A. Brown</p> <p>Cc: Michael. BerostromCalshell.com</p> <p>Subject: RE: Shell - Harper Hill and Greasewood O &amp;G Locations for Your Review</p>

For Harper Hill:

- Where oil and gas activities must occur in mule deer critical winter range or elk winter concentration areas, conduct these activities outside the time period from December 1 through

April 15

- Restrict post - development well site visitations to between the hours of 10:00 a.m. and 3:00 p.m. and reduce well site visitations between December 1 and April 15 in mule deer and elk winter range.

- Establish company guidelines to minimize wildlife mortality from vehicle collisions on roads.

- Prior to development, establish baseline vegetation condition and inventory and to provide a basis for post - development habitat restoration.

- Gate single - purpose roads and restrict general public access to reduce traffic disruptions to wildlife.

- Close and immediately reclaim all roads that are redundant, not used regularly, or have been abandoned to the maximum extent possible to minimize disturbance and habitat fragmentation.

- Avoid aggressive non - native grasses and shrubs in mule deer and elk habitat restoration.

- Reclaim mule deer and elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.

- Restore appropriate sagebrush species or subspecies on disturbed sagebrush sites. Use locally collected seed for reseeding where possible.

This will address the BMP's that will satisfy CDOW for the Harper Hill location.

Thank you,

F.d Winters

Land Use Specialist

Northwest Region

PO Box 1181

Meeker, Colorado 81641

(970) 878.6069

edward.winters@state.com

Material Handling and Spill Prevention

Spill Prevention Plans (SPCC) are in place to address material releases and to prescribe materials handling BMPs for the facility.

Construction

The construction layout for Herring Draw #1-9 details Best Management Practices (BMP) to be installed during initial construction.

Construction	<ul style="list-style-type: none"> <li>• Construction diversion ditch</li> <li>• Sediment reservoirs</li> <li>• Check dams</li> <li>• Level spreaders</li> <li>• Stabilized construction entrance</li> <li>• Slash</li> <li>• Sediment trap</li> <li>• Wattle</li> <li>• Terrace</li> <li>• Secondary containment berms</li> <li>• Detention ponds</li> </ul>
Storm Water/Erosion Control	Stormwater Management Plans (SWMP) are in place to comply with both Colorado Department of Public Health and Environment (CDPHE) and Colorado Oil and Gas Control Commission (COGCC) stormwater discharge permits.
PROPOSED BMPs	<p>Bird State 32 -8</p> <p>SE NE Section 32, TSS, R64W</p> <p>Arapahoe County, Colorado</p> <p>Stormwater Management &amp; Proposed BMP's</p> <p>Renegade Oil &amp; Gas Company, LLC (Renegade) has in place Stormwater Management Plans for both construction and post - construction activities that ensure compliance with both the Colorado Department of Public Health and Environment (CDPHE) and Colorado Oil &amp; Gas Conservation Commission (COGCC) requirements.</p> <p>The plans provide for various sediment control BMP's that are applied on a site specific basis. These BMP's include fiber rolls, silt fences, straw bales, berms, dams, ditches, culverts, mulching, revegetation, etc. Not all BMP's will be used at each construction site. Renegade, and its consultants, attempt to use BMP's that minimize surface disturbance and adverse environmental impacts.</p> <p>The site for the Bird State 32 -8 is sloping pastureland and will require some moderate cut and fill. Renegade will construct a drill site by moving and segregating the topsoil to the exterior of the drill site. We will then level and berm the entire site, thus providing containment for the entire site, and facilitating interim reclamation by recountouring and then returning the topsoil to the drill site.</p>
General Housekeeping	"Good house-keeping" measures will be taken to ensure proper waste disposal.

**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:

\_\_\_\_\_

**Facility**

Facility ID: 423734 Type: WELL API Number: 081-07658 Status: SI Insp. Status: TA

**Idle Well**

Purpose:  Shut In  Temporarily Abandoned Reminder: \_\_\_\_\_

S/V: Satisfactory CA Date: \_\_\_\_\_

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

Comment: pump and flow lines removed.

Facility ID: 423736 Type: WELL API Number: 081-07659 Status: PR Insp. Status: PR

**Producing Well**

Comment: test pump on well

**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:**

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? 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? \_\_\_\_\_ CM \_\_\_\_\_

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

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

1003c. Compacted areas have been cross ripped? Pass

1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass

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? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

**RESTORATION AND REVEGETATION**

Cropland

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

Non-Cropland

Top soil replaced Pass Recontoured Pass 80% Revegetation In

1003 f. Weeds Noxious weeds? \_\_\_\_\_

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

Overall Interim Reclamation In Process

**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 \_\_\_\_\_

Inspector Name: NEIDEL, KRIS

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 \_\_\_\_\_ Multi-Well Location

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Berms	Pass					
Culverts	Pass					
Retention Ponds	Pass					
Waddles	Pass					
Compaction	Pass					
Gravel	Pass					

S/U/V: Satisfactory \_\_\_\_\_ Corrective Date: \_\_\_\_\_  
Comment: \_\_\_\_\_  
CA: \_\_\_\_\_