

Inspector Name: NEIDEL, KRIS

**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



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Inspection Date:

02/14/2013

Document Number:

669300363

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name: NEIDEL, KRIS
	427214	427213		

Operator Information:OGCC Operator Number: 78110 Name of Operator: SWEPI LPAddress: 4582 S ULSTER ST PKWY #1400City: DENVERState: COZip: 80237**Contact Information:**

Contact Name	Phone	Email	Comment
cornell, Chuck	303-222-6365	charles.cornell@shell.com	
Baldrige, anne	303-305-7555	a.baldrige@shell.com	

Compliance Summary:QtrQtr: Lot 4 Sec: 33 Twp: 5N Range: 90W**Inspector Comment:**

savanna 660 running wireline. surface set at 700' 100% returns, colum fell 6". hole open at 2580. location clean.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
427214	WELL	XX	01/23/2013	LO	081-07717	Herring Draw 1-33	<input checked="" type="checkbox"/>
430612	WELL	XX	10/26/2012	LO	081-07757	Herring Draw 5-33	<input type="checkbox"/>
430613	WELL	XX	10/26/2012	LO	081-07758	Herring Draw 4-33	<input type="checkbox"/>
430681	WELL	XX	10/31/2012	LO	081-07759	Herring Draw 3-33	<input type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>4</u>	Production Pits: _____
Condensate Tanks: <u>1</u>	Water Tanks: <u>2</u>	Separators: <u>3</u>	Electric Motors: _____
Gas or Diesel Mortors: <u>4</u>	Cavity Pumps: <u>2</u>	LACT Unit: _____	Pump Jacks: <u>4</u>
Electric Generators: <u>3</u>	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: <u>2</u>	VOC Combustor: <u>2</u>	Oil Tanks: <u>10</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>1</u>	Fuel Tanks: <u>1</u>

LocationEmergency Contact Number: (S/U/V) _____

Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?

Venting:	
Yes/No	Comment

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 427213

Site Preparation:

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

Corrective Action: _____

Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<p>SITE SPECIFIC COA:</p> <p>If the wells are to be hydraulically stimulated/treated, then flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline or storage vessel located on the well pad or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment 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>	10/23/2012
OGLA	kubeczkod	<p>SITE SPECIFIC COAs:</p> <p>A closed loop system must be implemented during drilling (which operator has indicated on the Form 2A); or, if a drilling is constructed, it must be lined. All cuttings generated during drilling with OBM must be kept in the lined drilling pit, or placed either in containers or on a lined/bermed portion of the well pad; prior to offsite disposal. The moisture content of any drill cuttings in a cuttings container or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts.</p>	01/03/2012

Comment:**CA:****Date:****Wildlife BMPs:**

BMP Type	Comment
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. "Good house-keeping" measures will be taken to ensure proper waste disposal.

Wildlife	<p>1) Shell will make a good faith effort to finish drilling at this location outside of the period between December 1 and April 15.</p> <p>2) Shell agrees that for future reentry to this well site, if applicable, will occur outside of the period between December 1 and April 15.</p> <p>3) Interim and final reclamation will match existing vegetation.</p> <p>4) Avoid aggressive non-native grasses and shrubs in mule deer and elk habitat restoration.</p> <p>5) Shell will include a weed management plan and implement the plan as part of reclamation.</p> <p>6) Conduct post-development well site visitations between the hours of 10:00am and 3:00pm and reduce well site visitations between December 1 and April 15 in mule deer and elk winter range.</p> <p>7) Gate single-purpose roads and restrict general public access to the reduce traffic disruptions to wildlife - consistent with the owners goals.</p> <p>If possible please use any existing 2 track or other existing road or semi-road to minimize vegetation disturbance, soil disturbance and potential access to the property.</p>
Storm Water/Erosion Control	<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 Conservation Commission (COGCC) stormwater discharge permits. The construction layout for this location details Best Management Practices (BMP) to be installed during the initial construction. Note that BMP's may be removed, altered, or replaced with changing conditions in the field and the stormwater management plan will be updated accordingly. The BMP's prescribed for the initial construction phase include, but are not limited to:</p> <ul style="list-style-type: none"> -Construct diversion ditch -Sediment reservoirs -Check dams -Level spreaders -Stabilized construction entrance -Slash -Sediment trap -Wattle -Terrace -Secondary containment berms -Detention ponds
Site Specific	<p>Shell agrees to perform and followup with ground water monitoring as outlined in the attached Groundwater monitoring Report.</p>
Wildlife	<p>See Colorado Division of Parks and Wildlife (CPW) BMPs attachment for complete email from CPW.</p> <p>CPW recommendations and concerns:</p> <p>1) Shell will make a good faith effort to finish drilling at this location outside of the period between December 1 and April 15.</p> <p>2) Shell agrees that if future reentry to this well site, if applicable, will occur outside of the period between December 1 and April 15.</p> <p>3) Interim and final reclamation will match existing vegetation.</p> <p>4) Avoid aggressive non-native grasses and shrubs in mule deer and elk habitat restoration.</p> <p>5) Shell will include a weed management plan and implement the plan as part of reclamation.</p> <p>6) Conduct post-development well site visitations 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.</p> <p>7) Gate single-purpose roads and restrict general public access to reduce traffic disruptions to wildlife - consistent with the surface owner's goals.</p> <p>If possible please use any existing 2 track or other existing road or semi road to minimize vegetation disturbance, soil disturbance and potential access to the property.</p>
Material Handling and Spill Prevention	<p>Spill Prevention Plans (SPCC) are in place to address material releases and to prescribe materials handling BMP's for the facility. "Good house-keeping" measures will be taken to ensure proper waste disposal.</p>

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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 Conservation Commission (COGCC) stormwater discharge permits. The construction layout for Herring Draw 1-33 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 stormwater management plan will be updated accordingly. The BMPs prescribed for the initial construction phase include, but are not limited to: <ul style="list-style-type: none">• Construct diversion ditch• Sediment reservoirs• Check dams• Level spreaders• Stabilized construction entrance• Slash• Sediment trap• Wattle• Terrace• Secondary containment berms• Detention ponds
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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: 427214 Type: WELL API Number: 081-07717 Status: XX Insp. Status: DG

Well Drilling

Rig: Rig Name: savanna 660 Pusher/Rig Manager: craig
 Permit Posted: Satisfactory Access Sign: Satisfactory

Well Control Equipment:

Pipe Ram: YES Blind Ram: YES Hydril Type: _____
 Pressure Test BOP: Pass Test Pressure PSI: 5000 Safety Plan: _____

Drill Fluids Management:

Lined Pit: _____ Unlined Pit: _____ Closed Loop: _____ Semi-Closed Loop: _____
 Multi-Well: _____ Disposal Location: _____

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:

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 _____

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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 _____ Multi-Well Location ☐

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Culverts	Pass					
Berms	Pass			MHSP	Pass	

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Check Dams	Pass					
Ditches	Pass					
Compaction	Pass			CM	Pass	
Retention Ponds	Pass					
Waddles	Pass					

S/U/V: Satisfactory Corrective Date: _____

Comment:

CA: