

**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:

11/27/2012

Document Number:

669300281

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name: <u>NEIDEL, KRIS</u>
	<u>425283</u>	<u>425278</u>		

Operator Information:OGCC Operator Number: 78110 Name of Operator: SWEPI LPAddress: 4582 S ULSTER ST PKWY #1400City: DENVER State: CO Zip: 80237**Contact Information:**

Contact Name	Phone	Email	Comment
	(281) 544 4490	c.rosenbaum@shell.com	

Compliance Summary:QtrQtr: NESE Sec: 29 Twp: 6N Range: 89W**Inspector Comment:**

location very organized and clean. stormwater good (see stormwater section for full documentation)

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name
425283	WELL	DG	11/08/2012	LO	107-06243	Gnat Hill 1-29

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>1</u>	Production Pits: _____
Condensate Tanks: <u>1</u>	Water Tanks: <u>3</u>	Separators: <u>2</u>	Electric Motors: _____
Gas or Diesel Motors: <u>1</u>	Cavity Pumps: <u>2</u>	LACT Unit: _____	Pump Jacks: <u>1</u>
Electric Generators: <u>3</u>	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: <u>2</u>	VOC Combustor: _____	Oil Tanks: <u>2</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>1</u>	Fuel Tanks: <u>2</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: 425278

Site Preparation:

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

Corrective Action: _____

Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	The drilling pit must be lined, or a closed loop system must be implemented during drilling. 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.	08/08/2011

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

BMP Type	Comment
Wildlife	<ol style="list-style-type: none"> 1) Pad construction and drilling will occur outside of the greater sage-grouse and sharp-tailed breeding and nesting period (March 1 – July 30). 2) Shell agrees to conduct drilling activities –re entry for additional wells outside the period of March 1 to July 30. 3) Conduct 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 March 1 and July 30. 4) Shell will use hospital grade mufflers for compressors, pump jacks or other motors necessary to run operations at the site as applicable – if compressors, pump jacks, etc. are necessary. Mufflers will be pointed upward to dissipate potential vibration. 5) Conduct 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 elk winter concentration areas. 6) CDOW is open to the idea of flexibility/amending the elk winter concentration timing stipulations in order to protect sage and sharp-tailed grouse habitat and lekking activities. On-going and future discussions between CDOW and Shell will be necessary to determine if the elk timing stipulation can be amended for this site. 7) Ingress, egress and all oil and gas traffic for this site will be taken from Moffat County Road 394 on to Routt County Road 65 to the pad. 8) The scheduled time for drilling this well is still undetermined.

Inspector Name: NEIDEL, KRIS

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 Gnat Hill 1-29 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. The BMPs prescribed for the initial construction phase include, but are not limited to <ul style="list-style-type: none">• Construction diversion ditch• Sediment reservoirs• Check dams• Level spreaders• Stabilized construction entrance• Slash• Sediment trap• Wattle• Terrace• Secondary containment berms• Detention ponds
Material Handling and Spill Prevention	Spill Prevention Control & Countermeasure 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.

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:

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Summary of Operator Response to Landowner Issues:

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Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

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Facility

Well Drilling

Rig: Rig Name: savana 660 Pusher/Rig Manager: _____
 Permit Posted: Satisfactory Access Sign: Satisfactory

Well Control Equipment:

Pipe Ram: YES Blind Ram: YES Hydril Type: _____
 Pressure Test BOP: Pass Test Pressure PSI: 3000 Safety Plan: _____

Drill Fluids Management:

Lined Pit: NO Unlined Pit: NO Closed Loop: YES Semi-Closed Loop: _____
 Multi-Well: NO Disposal Location: _____

Comment:

discussed some of the issues that the rig was having keeping the hole clean to run casing. there was shale falling in on the hole.

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 _____

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 REVEGETATIONCropland

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
Gradient Terraces	Pass					

Inspector Name: NEIDEL, KRIS

Sediment Traps	Pass	Compaction	Pass	CM	Pass	
Ditches	Pass	Culverts	Pass	MHSP	Pass	
Retention Ponds	Pass					
Check Dams	Pass	Gravel	Pass			
Berms	Pass					

S/U/V: Satisfactory Corrective Date: _____

Comment:

CA: