

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:
11/28/2012

Document Number:
669600008

Overall Inspection:
Unsatisfactory

FIELD INSPECTION FORM

Location Identifier	Facility ID <u>413061</u>	Loc ID <u>414108</u>	Tracking Type	Inspector Name: <u>KRABACHER, JAY</u>
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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
		<u>jay.krabacher@state.co.us</u>	
		<u>kris.neidel@state.co.us</u>	
		<u>michael.bergstrom@shell.com</u>	

Compliance Summary:

QtrQtr: 2 Sec: 21 Twp: 5N Range: 91W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
<u>12/06/2011</u>	<u>662300036</u>	<u>WO</u>	<u>TA</u>	<u>S</u>			<u>N</u>
<u>07/21/2011</u>	<u>200325362</u>	<u>PR</u>	<u>PR</u>	<u>U</u>			<u>Y</u>
<u>03/21/2011</u>	<u>200306173</u>	<u>PR</u>	<u>PR</u>	<u>U</u>			<u>Y</u>

Inspector Comment:

loc pretty much as prior insp noted (K Neidel). large boulders prohibit motor vehicle traffic from pad (except motorcycles). SWBMP around loc, loc = SENS as (presently dry) Castor Gulch streambed within 100' from well loc. data in wellfiles indicates 2 casing strings (plus HORIZ O.H. below that) -- I would have had difficulty assessing wellbore configuration just from looking at well as is. it is below ground, and not adequately protecting livestock nor wildlife from falling into cellar. flimsy 'fencing', cellar area covered with collapsing plywood (?). other than that, loc is "o.k."

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
<u>413061</u>	<u>WELL</u>	<u>WO</u>	<u>02/10/2011</u>	<u>OW</u>	<u>081-07595</u>	<u>Castor Gulch 1-21</u>	<input checked="" type="checkbox"/>

Equipment: Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	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>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>

Location

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

Predrill

Location ID: 414108

Site Preparation:
 Lease Road Adeq.: Satisfactory Pads: Satisfactory Soil Stockpile: Satisfactory
 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.	08/29/2011

Comment: _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
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 Castor Gulch 1-21 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.

Wildlife
 See attached email from CDOW.
 CDOW recommendations and concerns – as agreed to by the operator, BLM, and CDOW.
 1) Check on status (active/not) of hawk nest site. – CDOW confirmed this and found the nest to be inactive.
 2) Shell will make a good faith effort to finish drilling at this location by October 1 before the start of big game rifle hunting season.
 3) CDOW will check on where to relocate the SLB-CDOW hunting access sign at the pad site where surface grading will be required. The sign should be replaced where it is highly visible. Shell will relocate the sign per CDOW direction.
 4) Schedule post-construction - production 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 range.
 5) BLM stipulations from original lease permitting and COAs –timing stipulations for sharp-tailed grouse production should be applied. Per BLM.
 6) Shell will contact the SLB regarding surface disturbance.
 7) Weed management will be included as part of the interim and final reclamation.

Comment: _____

CA: _____ **Date:** _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
WADDLES	Yes		

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: 413061 Type: WELL API Number: 081-07595 Status: WO Insp. Status: WO

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: _____
S/V: Satisfactory CA Date: _____
CA: _____
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 _____ 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

S/U/V: _____ Corrective Date: _____

Comment: _____

CA: _____

COGCC Comments

Comment	User	Date
see previous comment: well area is NOT adequately fenced-off nor covered with regard possible intrusion by livestock or wildlife. fencing could be more secure and substantial; and/or cellar area covered adequately	krabachj	11/30/2012

