

**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:

06/06/2014

Document Number:

675100003

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	428571	428571	GRANAHAH, KYLE	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number: 10396

Name of Operator: SOUTHWESTERN ENERGY PRODUCTION COMPANY

Address: 2350 N SAM HOUSTON PKWY EAST #125

City: HOUSTON State: TX Zip: 77032

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☒ FOLLOW UP INSPECTION REQUIRED
- ☒ NO FOLLOW UP INSPECTION REQUIRED
- ☐ INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

Contact Information:

Contact Name	Phone	Email	Comment
Shaun Kellerby		shaun.kellerby@state.co.us	
Burke, Sean	501-339-7059	sean_burke@swn.com	Wants all inspection

Compliance Summary:

QtrQtr: LOT 9 Sec: 30 Twp: 6N Range: 90W

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
428568	WELL	PR	10/07/2012	LO	081-07722	SIMOES 12-30	SI	<input checked="" type="checkbox"/>

Equipment:Location Inventory

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

Location

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	ACTION REQUIRED	Operator name not correct.	Install sign to comply with rule 210.	07/26/2014

Emergency Contact Number (S/A/V): SATISFACTORYCorrective Date: Comment: Corrective Action:

Spills:				
Type	Area	Volume	Corrective action	CA Date

☐ Multiple Spills and Releases?

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Pump Jack	1	SATISFACTORY			
Deadman # & Marked	4	SATISFACTORY			
Ancillary equipment	1	SATISFACTORY	300 gallon propane tank		

Venting:		
Yes/No	Comment	
NO		

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
	SATISFACTORY			

Predrill

Location ID: 428571

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/A/V: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
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 pit is constructed, it must be lined. All cuttings generated during drilling with oil based muds or high chloride/TDS mud 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 pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts.</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.</p> <p>Reserve pit must be lined or a closed loop system must be implemented during drilling.</p> <p>Operator must ensure 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 (at least every 14 days), and maintained in good condition.</p> <p>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.</p> <p>Flowback and stimulation fluids must be sent to tanks and/or filters before the fluids can be placed into any pipeline or pit. 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>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>	04/10/2012
OGLA	kubeczkod	Initiated/Completed OGLA Form 2A review on 04-10-12 by Dave Kubeczko; requested acknowledgement of fluid containment, spill/release BMPs, lined pits/closed loop, moisture content cuttings, cuttings management, flowback to tanks, and tank berming COAs from operator on 04-10-12; received acknowledgement of COAs from operator on 04-10-12; passed by CPW on 04-16-12 with operator agreed to BMPs acceptable; passed OGLA Form 2A review on 04-18-12 by Dave Kubeczko; fluid containment, spill/release BMPs, lined pits/closed loop, moisture content cuttings, cuttings management, flowback to tanks, and tank berming COAs.	04/10/2012

S/AV: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Wildlife	<p>1)Conduct oil and gas development activities outside the time period from December 1 through April 15 to minimize disturbance to Elk in their winter concentration area.</p> <p>2)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 elk winter range.</p> <p>3)Establish company guidelines (policies) to minimize wildlife mortality from vehicle collisions on roads (post speed limits on private roads, conduct safety training, etc).</p> <p>4)Gate single-purpose roads and restrict general public access to reduce traffic disruptions to wildlife if applicable on private roads.</p> <p>5)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.</p> <p>6)Avoid aggressive non-native grasses and shrubs in elk habitat restoration.</p> <p>7)Reclaim elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.</p> <p>8)Reclaim site (interim and final) to match existing vegetation. CPW can assist the landowner and operator in recommending a site appropriate seed mix.</p> <p>9)Establish bank stabilization, erosion control, and storm water management techniques for susceptible well pad cut and fill slopes.</p>

S/A/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Stormwater:

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: 428568 Type: WELL API Number: 081-07722 Status: PR Insp. Status: SI

Idle WellPurpose: ☒ Shut In☐ Temporarily Abandoned

Reminder: EQUIPMENT ONSITE

S/A/V: SATISFACTORY

CA Date: _____

CA: _____

Comment: Well was shut in temporarily while another well in the area was being fracked and is flowing back.

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:

Lat _____ Long _____

DWR Receipt Num: _____ Owner Name: _____ GPS : _____

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: DRY LAND

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? Pass CM _____

CA _____ CA Date _____

1003b. Area no longer in use? Pass

Production areas stabilized ? _____

Inspector Name: GRANAHAN, KYLE

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? _____ P _____

Comment: _____

Overall Interim Reclamation _____ Fail _____

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: DRY LAND _____

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 _____ Well Release on Active Location ☐ Multi-Well Location ☐

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Waddles	Pass	Gravel	Pass	MHSP	Pass	secondary containment in use

S/A/V: SATISFACTOR _____ Corrective Date: _____

Y _____

Comment: _____

CA: _____

Pits: ☒ NO SURFACE INDICATION OF PIT

Attached Documents

Inspector Name: GRANAHAN, KYLE

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

Document Num	Description	URL
675100018	Sign at entrance of location and wellhead	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3360068