

**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:

12/11/2014

Document Number:

675000002

Overall Inspection:

ACTION REQUIRED**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	287647	313333	ANDREWS, DAVE	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 10396Name of Operator: SOUTHWESTERN ENERGY PRODUCTION COMPANYAddress: 2350 N SAM HOUSTON PKWY EAST #125City: 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
Yaw, Brandon	713-417-8537	brandon_yaw@swn.com	Production Engineer
Waldron, Emily	970-819-9609	emily.waldron@state.co.us	COGCC Field Inspector
Burke, Sean	501-339-7059	sean_burke@swn.com	
Rowell, Cheryl	713-542-0648	Cheryl_Rowell@swn.com	Senior Regulatory Analyst
Andrews, Dave	970-625-2497 Ext 1	david.andrews@state.co.us	COGCC Engineering Supervisor

Compliance Summary:QtrQtr: NWNW Sec: 12 Twp: 7N Range: 93W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
10/03/2014	673401217	TA	TA	ALLEGED VIOLATION			Yes
03/21/2014	673400316	TA	TA	SATISFACTORY			No
11/07/2012	669300258	TA	TA	SATISFACTORY	P		No
05/11/2011	200311776	PR	TA	SATISFACTORY			No
10/04/2010	200281520	PR	TA	SATISFACTORY			No
07/02/2007	200118173	ID	TA	SATISFACTORY			No

Inspector Comment:

Arrive at 12:00. On location to witness plugging operations only (repair or plugging was a required corrective action shown on 10/03/2014 Field Inspection Report #673401217). See 10/03/2014 Field Inspection Report #673401217 for other COGCC observations at this location. Approved plugging change for Form 6 #400738946: plug set in two stages from 2751' to 925' to save rig time (only one tag above top stage required). Status of this Field Inspection Report is Action Required because plugging is incomplete. Operator will remain on location to set additional plugs tomorrow. Off location at 16:30.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
287647	WELL	TA	09/18/2013	GW	081-07355	ANTIETAM 11-12	WK	<input checked="" type="checkbox"/>

Equipment:**Location Inventory**

Inspector Name: ANDREWS, DAVE

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

Location

Emergency Contact Number (S/A/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
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Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
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Predrill

Location ID: 287647

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:**S/A/V:** _____ **Comment:** _____**CA:** _____ **Date:** _____**Wildlife BMPs:****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: 287647 Type: WELL API Number: 081-07355 Status: TA Insp. Status: WK

Cement**Cement Contractor**Contractor Name: Continental - RyanContractor Phone: 307-473-1581**Surface Casing**

Cement Volume (sx): _____

Circulate to Surface: _____

Cement Fall Back: _____

Top Job, 1" Volume: _____

Intermediate Casing

Cement Volume (sxs): _____

Good Return During Job: _____

Production Casing

Cement Volume (sx): _____

Good Return During Job: _____

Plugging OperationsDepth Plugs(feet range): 3525' - 908'Cement Volume (sx): 240Good Return During Job: YESCement Type: Class G

Comment: Cement is Class G, 15.8 ppg, 1.15 cf/sk. First plug set already (20 sacks on top of existing CIBP at 3525'). Waiting on cement truck and water truck for second plug with tbg at 2751'. Cement truck arrived at 13:15. Start 15 bbls water ahead at 14:00. Good circulation. Waiting on additional water, which arrived around 14:00. Checked cement slurry weight with mud scale at start of job: 16.0 ppg. Start pumping slurry at 14:19 at a rate of slightly less than 1 bpm. Weight varied from 15.5 to 16.0 ppg during job. Pumped 13.17 bbls slurry, followed by 7.08 bbls water displacement. Good circulation during job. Static upon breaking connection. Second plug done at 14:40. Went as planned. TOOH with tubing to 1808' for next plug, with a planned top at 908' (above old top remedial squeeze perf at 980'). Start pumping slurry for third plug at 15:40. Weight varied from 15.4 to 15.8 ppg during job. Pumped 13.10 bbls slurry, followed by 3.08 bbls water displacement at approximately 1 bpm. Good circulation during job. Third plug done at 15:57. Went as planned.

WorkoverComment: Plugging and abandonment in progress.**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:**

Inspector Name: ANDREWS, DAVE

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

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: _____

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 _____

Inspector Name: ANDREWS, DAVE

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

S/A/V: _____ Corrective Date: _____

Comment: _____

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Follow up inspection required after plugging and abandonment to verify that well has been plugged to surface.	andrewd	12/11/2014

ACTION REQUIRED

ANY ACTION REQUIRED items listed on this report indicate that the oil and gas facility or the oil and gas operations listed on the report may be in violation of the rules and regulations of the Colorado Oil and Conservation Commission (“COGCC”) and corrective action is required.

There is reasonable cause to believe that a violation of the Oil and Gas Conservation Act, or of any rule, regulation, or order of the Commission, or of any permit issued by the Commission, has occurred. The Operator’s compliance with this Inspection Report is required to resolve these alleged violations. This document requires the Operator to timely respond to the COGCC and to comply with directives as listed by the **Corrective Action Deadline Date**. Failure to do so will result in the issuance of a Notice of Alleged Violation and initiation of enforcement proceedings in which COGCC will seek monetary penalties for the alleged violations pursuant to § 34-60-121, C.R.S. and Rule 523, COGCC Rules of Practice and Procedure, 2 CCR 404-1. (Please note that the COGCC's penalty authority was recently increased to a maximum of \$15,000 per day and penalties are no longer capped at a maximum of \$10,000 per violation.)