

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:
06/06/2014

Document Number:
675100005

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

| | | | | | |
|---------------------|---------------|---------------|-----------------------|--------------------------|-------------|
| Location Identifier | Facility ID | Loc ID | Inspector Name: | On-Site Inspection | 2A Doc Num: |
| | <u>428569</u> | <u>428570</u> | <u>GRANAHAN, KYLE</u> | <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 |
|-----------------|--------------|----------------------------|--|
| Burke, Sean | 501-339-7059 | sean_burke@swn.com | Wants all Southwestern Energy inspection |
| Kellerby, Shaun | | shaun.kellerby@state.co.us | |

Compliance Summary:

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

Inspector Comment:

Location is built and will need reclamation, no cellar or conductor on location.

Related Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status | |
|-------------|----------|--------|-------------|------------|-----------|---------------|-------------|-------------------------------------|
| 428569 | WELL | AL | 04/23/2014 | LO | 081-07723 | SIMOES 31-30 | AL | <input checked="" type="checkbox"/> |
| 428570 | LOCATION | AC | | | - | SIMOES 31-30 | AL | <input checked="" type="checkbox"/> |

Equipment:

Location Inventory

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

Location

Signs/Marker:

| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|-------|------------------------------|--|---------------------------------------|-------------------|
| OTHER | ACTION REQUIRED | Location sign has incorrect company name listed on it. | Install sign to comply with rule 210. | 07/28/2014 |

Emergency Contact Number (S/A/V): SATISFACTORY

Corrective Date: _____

Comment:

1-877-879-0376 is a good emergency number that is answered by a Southwestern Energy Operator

Corrective Action:

| Spills: | | | | |
|----------------|------|--------|-------------------|---------|
| Type | Area | Volume | Corrective action | CA Date |

Multiple Spills and Releases?

| Venting: | |
|-----------------|---------|
| Yes/No | Comment |
| NO | |

| Flaring: | | | | |
|-----------------|------------------------------|---------|-------------------|---------|
| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
| | | | | |

Predrill

Location ID: 428569

Site Preparation:

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

S/AV: _____

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 |

S/A/V: _____ **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: 428569 Type: WELL API Number: 081-07723 Status: AL Insp. Status: AL

Facility ID: 428570 Type: LOCATION API Number: - Status: AC Insp. Status: AL

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? _____ 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? Fail Production areas stabilized ? _____
 1003c. Compacted areas have been cross ripped? Fail
 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? Fail

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? _____ F _____

Comment: As of 4/23/2014 location status is listed as AL. Location pad has been built and has unwanted overgrowth covering entire location. Reclamation should begin to take place.

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 |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Berms | Pass | Check Dams | Pass | | | |

S/A/V: SATISFACTOR Corrective Date: _____

Y

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments

| Comment | User | Date |
|---|----------|------------|
| -Follow up to see if signs have been updated with correct operator name -Follow up with operator to see when reclamation is to begin | GranahaK | 06/08/2014 |

Attached Documents

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

| Document Num | Description | URL |
|--------------|------------------------------|---|
| 675100010 | Entrance of location - right | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3360073 |
| 675100011 | Entrance of location - left | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3360074 |
| 675100012 | Center of location | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3360075 |
| 675100013 | Sign at entrance of loaction | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3360076 |