

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:
04/01/2015

Document Number:
673710181

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>432851</u>	<u>432850</u>	<u>Sherman, Susan</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number: 19160

Name of Operator: CONOCO PHILLIPS COMPANY

Address: P O BOX 2197

City: HOUSTON State: TX Zip: 77252-

- 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
Savage, Ali	(281) 260-5359	ali.savage@conocophillips.com	
Gahr, Dean	(303) 268-3723	Dean.P.Gahr@conocophillips.com	All DJ Basin Inspections
Strickler, Robert		Robert.D.Strickler@conocophillips.com	All DJ Basin Inspections

Compliance Summary:

QtrQtr: NENE Sec: 17 Twp: 4S Range: 64W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
08/25/2014	673705794	PR	PR	SATISFACTORY			No
03/27/2014	673701958	PR	PR	ACTION REQUIRED	P		No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
432851	WELL	PR	11/20/2013	OW	005-07208	Zukowski 17 1H	PR <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>1</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: <u>1</u>	Pump Jacks: <u>1</u>
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>1</u>	Water Pipeline: <u>1</u>
Gas Compressors: <u>1</u>	VOC Combustor: <u>1</u>	Oil Tanks: <u>3</u>	Dehydrator Units: <u>1</u>
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>1</u>	Fuel Tanks: _____

Location

Lease Road:				
Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access	SATISFACTORY			

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
CONTAINERS	SATISFACTORY			
WELLHEAD	SATISFACTORY			
OTHER	SATISFACTORY	location sign at gate		
TANK LABELS/PLACARDS	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Fencing/:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
PUMP JACK	SATISFACTORY	steel panels		
LOCATION	SATISFACTORY	barbed wire		

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Pump Jack	1	SATISFACTORY			
Prime Mover	1	SATISFACTORY	electric		
Emission Control Device	1	SATISFACTORY	LOTO for equipment replacement and maintenance.		
Deadman # & Marked	4	SATISFACTORY			
Horizontal Heater Treater	1	SATISFACTORY			
Ancillary equipment	2	SATISFACTORY	chemical containers		

Facilities:				
<input type="checkbox"/> New Tank		Tank ID: _____		
Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	400 BBLS	STEEL AST	,
S/A/V:	SATISFACTORY		Comment: same berms as crude oil tanks	
Corrective Action:	_____			Corrective Date: _____

Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action _____ Corrective Date _____

Comment _____

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	3	400 BBLS	STEEL AST	,

S/A/V: SATISFACTORY Comment: _____

Corrective Action: _____ Corrective Date: _____

Paint

Condition	Adequate

Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action _____ Corrective Date _____

Comment _____

Venting:

Yes/No	Comment
NO	

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Pipe	SATISFACTORY			

Predrill

Location ID: 432851

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	notojohn	<p>Conditions of approval:</p> <ol style="list-style-type: none"> 1. Operator shall post 24-hour company contact information at the intersection of the access road and public road concurrent with MIRU. 2. Operator shall concurrently submit copies of any Form 19 submitted to COGCC for this Well or its Production Facilities to the LGD for Arapahoe County. 3. Operator will implement best management practices that address the timing and planning of mobilization, hauling, and construction operations to minimize conflicts with school bus routes. 4. Operator will direct lights downward or use light shielding except where safety is potentially compromised. 5. Operator will comply with the Visual Impact Mitigation rule (Rule 804) due to the proximity of well traveled roads to the proposed location. 	04/25/2013

S/A/V: SATISFACTORY **Comment:** No issues observed.

CA: **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Site Specific	<p>ConocoPhillips Groundwater Monitoring Program</p> <p>ConocoPhillips has adopted the Colorado Oil and Gas Association (COGA) voluntary groundwater testing program to establish baseline groundwater quality conditions around new oil well locations in their leased area. The sampling program will allow the company (ConocoPhillips) to evaluate the groundwater conditions before drilling a well and also to monitor water quality afterward.</p> <p>The program will be in accordance with the guidance set forth in the Voluntary Baseline Groundwater Quality Sampling Program last updated on November 15, 2011. Under the sampling protocol, water samples would be collected from the two closest groundwater sources with reasonable access. The sample points, permitted or registered wells, would be located within 1/2 mile of the proposed well surface location.</p> <p>Sampling will be conducted based on the landowner granting access to the well location and agreeing to have the laboratory analytical results submitted to COGCC for posting to a database viewable by the public.</p> <p>Samples will be analyzed for the constituents listed in Table 1 of the Groundwater Sampling and Analytical Program.</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: _____
<u>Summary of Landowner Issues:</u>		
<u>Summary of Operator Response to Landowner Issues:</u>		
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>		

Facility

Facility ID: <u>432851</u>	Type: <u>WELL</u>	API Number: <u>005-07208</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
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Complaint

Comment: Document Number 200427731

Inspector Sherman contacted Mr. Slater @ ~2:30 pm on 3/29/2015 to review the noise complaint for the Zukowski 17 well. He wasn't sure if the sounds were from the oil well but that "sonic"-like boom sounds were coming from the area of the well. The sound happened at irregular times during the day and night for a few weeks. He checked with the neighbors who concurred with hearing the sounds. He said that horses and cattle may be affected by it but his horses weren't. Inspector Sherman told Mr. Slater that the operator would be contacted and she would get back with him.

Inspector Sherman talked with Mr. Aldrich/Production Supervisor for Conoco Phillips about the sounds at the Zukowski well. He asked if the sounds were still being heard as they had worked on the well on Friday, 3/27/2015 and would send someone out if needed. Inspector Sherman said that she would call to find out when the last sounds were heard and call him right back.

Inspector Sherman asked Mr. Slater when the last sounds were heard and whether any were heard since Friday because Conoco Phillips had worked on the well then. Mr. Slater said that it was about right since he last heard the sounds but he would like to know what the sounds were. Inspector Sherman said that she would call him back after getting details from Conoco and that Conoco's concern was whether the sounds were still being heard.

Inspector Sherman told Mr. Aldrich that no sounds were heard since Friday. He then explained that a team was sent to the well on Friday, 3/27/2015 to diagnose the equipment. It was determined that sticky control valves to the combustors required maintenance. The team stayed at the well 9 hours following work to listen for sounds. No sounds were heard.

Inspector Sherman contacted Mr. Slater and told him that Conoco Phillips found sticky control valves, fixed the problem and sat at the well for 9 hours to listen for further sounds. Mr. Slater thanked us for getting back to him and when asked if the complaint could be closed he said that yes, it was more of a concern than a complaint. Inspector Sherman also email complainant that a Field inspection would be done on 4/1/1025.

Inspector Sherman contacted Beth Aldrich to tell her that the complaint could be closed per the complainant. Inspector Sherman emailed Beth/Conoco Phillips that a Field Inspection would be done on 4/1/2015.

The field inspection was completed by Inspection Sherman on 4/1/2015. At ~9:15 am Inspector Sherman was at the gate of the Zukowski 17-1H well and heard popping sounds to the west of location. The Golden Gun Club, 1503 S. Watkins Road, Watkins, CO 80137 is located ~2 miles west of the Zukowski 17-1H well and was in operation on her arrival. Inspector Sherman also drove to the pond near the Sky Ranch well (005-07224) that is ~4 miles west of the Zukowski 17-1H well to listen to the charges set off for geese control. Many airplanes were also noted directly overhead while at this pond as one of DIA's runways is just north of 170. Another possible source for the noise complaint in question is the Denver Research Institute, located ~5 miles south and west of the Zukowski 17-1H. Workers in the area noted that in the last two weeks the facility has been active and loud sounds were heard . A call was made to this facility by Inspection Sherman with no response at this time.

There are multiple possible sources of noise for this noise complaint. The operator replaced and maintained combustor equipment at the Zukowski 17-1H well to be proactive regarding the noise complaint even though personnel did not hear any noise from their equipment (see COGCC Inspection #673710181). Other possible sources of the noise are: Golden Gun Club off of Watkins Road, the pond near the Sky Ranch well and the DRI operators off of Quincy and Watkins Roads. No further action is required and the complaint is closed.

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: _____

S/A/V: _____ CA Date: _____

CA: _____

Comment: Well is shut in for maintenance to equipment base on noise complaint (see attached photos).

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: _____

Complaint:

Tracking Num	Category	Assigned To	Description	Incident Date
200427731	NOISE	Quint, Craig	Have been experiencing loud "booms" (that actually rattle my windows) for about 3-4 weeks. not sure if emanating from the Zukowski site or another as there are many well sites in the area. These loud booms are affecting my livestock as well as alarming us every time we experience them. they occur multiple times daily and through the night.	03/26/2015

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 _____

Inspector Name: Sherman, Susan

Guy line anchors removed? _____ CM _____
 CA _____ CA Date _____
 Guy line anchors marked? Pass 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: 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
		Other	Pass			vegetation
		Ditches	Pass			

Inspector Name: Sherman, Susan

Compaction	Pass	Compaction	Pass	MHSP	Pass	including MSDS sheet on location
		Culverts	Pass			
Gravel	Pass	Gravel	Pass	SI	Pass	
		Waddles	Pass			

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

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Attached Documents

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

Document Num	Description	URL
673710184	Conco Phillips Zukowski 17-1H	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3583359