

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



Inspection Date:
03/03/2016
Document Number:
682500464
Overall Inspection:
ACTION REQUIRED

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>433607</u>	<u>431782</u>	<u>Trujillo, Aaron</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number: 96155
Name of Operator: WHITING OIL & GAS CORPORATION
Address: 1700 BROADWAY STE 2300
City: DENVER State: CO Zip: 80290

- 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
Waggoner, Kyle		kyle.waggoner@whiting.com	All Inspections
,		cara.mezydlo@whiting.com	All Inspections

Compliance Summary:

QtrQtr: NESW Sec: 27 Twp: 10N Range: 58W

Inspector Comment:

This is an interim reclamation and stormwater inspection. Any corrective actions from previous inspections that have not been addressed are still applicable. Operator response to this inspection should be provided to the COGCC in the comments section of a Form 4 Sundry notice.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
431783	WELL	PR	03/17/2015	OW	123-36773	RAZOR 27K-3407A	RI	<input checked="" type="checkbox"/>
433589	WELL	PR	01/01/2014	OW	123-37697	Razor 27K-3408B	RI	<input checked="" type="checkbox"/>
433607	WELL	PR	04/13/2015	OW	123-37708	Razor 27K-3406B	RI	<input checked="" type="checkbox"/>
433686	WELL	PR	05/01/2015	OW	123-37748	Razor 27K-3405A	RI	<input checked="" type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>4</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>1</u>	Separators: <u>1</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: <u>4</u>
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>1</u>	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: <u>1</u>	Oil Tanks: <u>3</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>1</u>	Fuel Tanks: _____

Location

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

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Emergency Contact Number (S/AR): _____ Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
STORAGE OF SUPL	ACTION REQUIRED	Culvert pipe stored on the southeast portion of the project area.	Remove and properly store culvert, and any other equipment not needed for production.	03/16/2016

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

Equipment:				
Type:	#	Satisfactory/Action Required:		
Comment				
Corrective Action				Date: _____

Venting:	
Yes/No	
Comment	

Flaring:			
Type		Satisfactory/Action Required	
Comment:			
Corrective Action:			Correct Action Date: _____

Predrill			
Location ID:	433607		
Site Preparation:	Lease Road Adeq.: _____	Pads: _____	Soil Stockpile: _____
S/AR:	_____		
Corrective Action:	_____	Date: _____	CDP Num.: _____

Form 2A COAs:

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Material Handling and Spill Prevention	<p>Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spill associated with oil and gas operations throughout the State of Colorado.</p> <ul style="list-style-type: none"> • Materials and fluids will be stored in a neat and orderly fashion. • Waste will be collected regularly and disposed of at an offsite facility. • Prompt cleanup is required of spills to minimize waste materials entering the stormwater runoff. • Drip pans will be used during fueling and maintenance to contain spills or leaks. • Cleanup of trash and discarded material will be done at the end of the work day. • Cleanup will consist of monitoring the road, location and any other work areas. • Material to be cleaned up includes trash, scrap, and contaminated soil.
Planning	The Operator participates in the Colorado Oil & Gas Association Voluntary Baseline Groundwater Sampling Program.
Material Handling and Spill Prevention	<p>Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spill associated with oil and gas operations throughout the State of Colorado.</p> <ul style="list-style-type: none"> • Materials and fluids will be stored in a neat and orderly fashion. • Waste will be collected regularly and disposed of at an offsite facility. • Prompt cleanup is required of spills to minimize waste materials entering the stormwater runoff. • Drip pans will be used during fueling and maintenance to contain spills or leaks. • Cleanup of trash and discarded material will be done at the end of the work day. • Cleanup will consist of monitoring the road, location and any other work areas. • Material to be cleaned up includes trash, scrap, and contaminated soil.
Storm Water/Erosion Control	Stormwater management plans (SWMP) are in place to address construction, drilling and operations associated with oil and gas development throughout the State of Colorado. BMPs will be constructed as necessary to prevent stormwater from leaving the construction site. BMPs used will vary according to the location, and will remain until the pad is reclaimed.
Storm Water/Erosion Control	Stormwater management plans (SWMP) are in place to address construction, drilling and operations associated with oil and gas development throughout the State of Colorado. BMPs will be constructed as necessary to prevent stormwater from leaving the construction site. BMPs used will vary according to the location, and will remain until the pad is reclaimed.

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

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: 431783 Type: WELL API Number: 123-36773 Status: PR Insp. Status: RI

Producing Well

Comment: **PR**

Facility ID: 433589 Type: WELL API Number: 123-37697 Status: PR Insp. Status: RI

Producing Well

Comment: **PR**

Facility ID: 433607 Type: WELL API Number: 123-37708 Status: PR Insp. Status: RI

Producing Well

Comment: **PR**

Facility ID: 433686 Type: WELL API Number: 123-37748 Status: PR Insp. Status: RI

Producing Well

Comment: **PR**

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: Rangeland

1003a. Waste and Debris removed? _____

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 marked? _____

CM _____

CA _____ CA Date _____

1003b. Area no longer in use? Fail 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? 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? _____ P _____

Comment: Portions of current interim area lack uniform vegetative cover.

See "COGCC Comments" for CA and CA dates.

Overall Interim Reclamation Fail

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 _____

Inspector Name: Trujillo, Aaron

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
Ditches						Requires maintenance on north end
Waddles						Requires Maintenance

S/A/V: _____ Corrective Date: _____
 Comment: See "COGCC Comments"
 CA: _____

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Rill erosion forming on the northern and eastern slopes. Stormwater ditch appears to be a source to part of the erosion.	trujilloam	03/07/2016
Due to the steep grade of the slopes, rill erosion has become a concern on the northern and eastern ends of the project area; vehicle tracking appears to be an inadequate method as a stormwater and sediment control BMP. Other methods such as re-grading, terracing, tackifiers, etc... may be more suitable as a stormwater and sediment control BMP.		
No evidence of sedimentation or stormwater concerns leaving the location. However, without maintenance there is potential for current erosion issues on the slopes to transition from rills into gullies, resulting in the degradation of the current interim areas.		
These stormwater concerns will likely be remedied once areas no longer needed for use have been reclaimed for interim reclamation.		
Portions of the straw wattles used as a stormwater and sediment control BMP around drill cuttings not in proper functioning condition. Refer to figures 32 - 42 in the attached document.	trujilloam	03/07/2016
Last well to go into production dates 5/1/2015.	trujilloam	03/07/2016
Portions of the southern and eastern areas of the location do not appear to be necessary for production. Per the 1003 reclamation rules, areas on the well pad with no facilities or well need to be reclaimed.		
Reclamation activites shall begin no later than CA date of 4/30/2016		

Attached Documents

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

Document Num	Description	URL
682500465	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3800722