

**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:

02/10/2016

Document Number:

682400368

Overall Inspection:

SATISFACTORY w/ CMT
or AR**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	444565	441824	Binschus, Chris	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 10359Name of Operator: WARD PETROLEUM CORPORATIONAddress: PO BOX 1187City: ENID State: OK Zip: 73702

- ☐ 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
Hal, Marshall	970-3895487	marshall@wardpetroleum.com	

Compliance Summary:QtrQtr: SWSW Sec: 18 Twp: 1S Range: 66W**Inspector Comment:**This is a construction inspection. See COGCC comments.**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
441825	WELL	DG	05/29/2015	LO	001-09847	Anderson 19-1-10HC	DG	<input checked="" type="checkbox"/>
444560	WELL	XX	01/16/2016		001-09936	Anderson 18-3-9HC	XX	<input checked="" type="checkbox"/>
444561	WELL	XX	01/16/2016		001-09937	Anderson 19-1-8HC	XX	<input checked="" type="checkbox"/>
444562	WELL	XX	01/16/2016		001-09938	Anderson 18-3-10HN	XX	<input checked="" type="checkbox"/>
444563	WELL	XX	01/16/2016		001-09939	Anderson 18-3-8HN	XX	<input checked="" type="checkbox"/>
444564	WELL	XX	01/16/2016		001-09940	Anderson 18-3-12HN	XX	<input checked="" type="checkbox"/>
444565	WELL	DG	02/15/2016		001-09941	Anderson 18-3-11HC	DG	<input checked="" type="checkbox"/>
444566	WELL	XX	01/16/2016		001-09942	Anderson 19-1-11HN	XX	<input checked="" type="checkbox"/>
444567	WELL	XX	01/16/2016		001-09943	Anderson 19-1-9HN	XX	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>12</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>6</u>	Separators: <u>12</u>	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: <u>1</u>	VOC Combustor: _____	Oil Tanks: <u>14</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Inspector Name: Binschus, Chris

Lease Road:				
Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access	SATISFACTORY	Tracking device installed at location entrance to prevent sediment leaving location.		

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

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: 444565			
Site Preparation:			
Lease Road Adeq.:	Pads:	Soil Stockpile:	SATISFACTORY
S/AR:			
Corrective Action:	Date:	CDP Num.:	

Form 2A COAs:

Group	User	Comment	Date
OGLA	HouseyM	Location lies within the Brighton PWS Buffer Zone. In accordance with Order 1-189 , the following COAs have been applied to this permit. Pitless drilling systems shall be used	05/07/2015
OGLA	HouseyM	Location lies within the Brighton PWS Buffer Zone. In accordance with Order 1-189 , the following COAs have been applied to this permit. Notification to the Brighton Public Works Department prior to commencement of new surface disturbing activities at the site; and An emergency spill response program that includes employee training, safety, and maintenance provisions and current contact information for Brighton. The emergency response plan shall specify when notifications to Brighton shall be made and must be prepared in consultation with Brighton. In the event of a spill or release, the Operator shall immediately implement the emergency response procedures in the above-described emergency response program. If a spill or release results in significant adverse impacts or threatens such impacts to a portion of the Brighton PWS, the Operator shall notify Brighton immediately following discovery of the release in addition to reporting in accordance with Rule 906.b.	05/07/2015
OGLA	HouseyM	Location lies within the Brighton PWS Buffer Zone. In accordance with Order 1-189 , the following COAs have been applied to this permit. Flowback and stimulation fluids shall be contained within tanks that are placed on a well pad or in an area with downgradient perimeter berming; Berms or other containment devices shall be constructed around crude oil, condensate, and produced water storage tanks as follows: a. Secondary containment shall be sized to contain a minimum of 150% of the volume of the largest primary containment vessel within the secondary containment area. b. Containment berms shall be constructed of steel rings, designed and installed to prevent leakage and resist degradation from erosion or routine operation. c. Secondary containment areas for tanks shall be constructed with a synthetic or engineered liner that contains all primary containment vessels and flowlines and is mechanically connected to the steel ring to prevent leakage. d. Tertiary containment, such as an earthen site berm, is required around the downgradient and side-gradient portions of Production Facilities, including process vessels. Production Facilities will be installed with automated fluid level monitoring, capable of alerting the Operator if a sudden change in fluid level or upset condition occurs. Additionally, wells will be equipped with remote shut-in capability. All loadlines shall be bullplugged or capped.	05/07/2015
OGLA	HouseyM	Operator shall provide notice to COGCC 48 hours prior to commencing construction of this Oil and Gas Location via Form 42.	05/12/2015

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

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Community Outreach and Notification	W. Site-specific measures. Ward will continue to work with the surface owner and address any site-specific measures or concerns the surface owner might have or Ward feels necessary for this location.
Planning	V. Development from existing well pads. In order to reduce surface disturbance, Ward is permitting this 2A for twelve (12) wells.
General Housekeeping	Guy Line Anchors: All guy line anchors left buried for future use will be identified by a marker of bright color not less than four feet in height and not greater than one foot east of the guy line anchor.
Planning	Development from existing well pads: In order to reduce surface disturbance, Ward is permitting this 2A for twelve (12) wells.
Material Handling and Spill Prevention	Tank specifications: Tanks shall be constructed and maintained in accordance with the National Fire Protection Association Code 30 (2008 version). All tanks will be visually inspected once a day for issues. Recorded inspections will be conducted once a month pursuant to 40 CFR §112.
Final Reclamation	U. Identification of plugged and abandoned wells. Ward will identify the location of the wellbore with a permanent monument as specified in Rule 319.a.(5). Ward will inscribe or imbed the well number and date of plugging upon the permanent monument.
Final Reclamation	Identification of Plugged and Abandoned Wells: Pursuant to Rule 319.a.(5)., once the well has been plugged and abandoned, Ward will identify the location of the wellbore with a permanent monument that will detail the well name and date of plugging.
Construction	Fencing: The wellsite will be fenced if requested by the Surface Owner.
Construction	Visual Mitigation: Pursuant to Rule 804, the tank battery shall be painted in uniform, non-contrasting, non-reflective color tones with the colors matched to but slightly darker than the surrounding landscape.
Dust control	Operator will comply with Rule 805.c and take all practicable measures to control fugitive dust caused by the operation, including but not limited to wetting the soil with fresh water via a truck with a spreader bar if deemed necessary.
Traffic control	Ward will construct all leasehold road to accommodate local emergency vehicle access requirements and will be maintained in a reasonable condition.
Drilling/Completion Operations	Lighting: Site lighting will be directed downward and inward and shielded so as to avoid glare on public roads and Building Units within one thousand (1000) feet.
Noise mitigation	Noise Mitigation: Noise: An Ambient Sound Study will be conducted on this location. Ward will install temporary sound barriers around the wellpad during drilling and completion.
Material Handling and Spill Prevention	Control of Fire Hazards: Ward and its contractor's employ best management practices during the drilling and production of its wells and facilities. They will comply with appropriate COGCC and any county rules concerning fire and safety. Ward will ensure that any flammable material will remain no less than 25 feet from the wellhead (s), tanks and separator(s).
General Housekeeping	Removal of Surface Trash: Ward agrees that all trash, refuse pipe, equipment, liquids, chemicals of other materials that are not necessary for the continued operations of the wells will be removed and disposed of no later than 30 days after completion. No such items will be burned or buried on location.
Material Handling and Spill Prevention	Leak Detection Plan: To ensure protection for the surface during fracturing treatment, the location will be specifically constructed to contain any releases or spills. Secondary containment from any chemical spills or leaks will surround any trucks that carry, mix, or add chemicals to the flow stream as well as connections that could possibly leak fluid. Should any spill or release occur, every reasonable step will be taken to quickly remediate the area disturbed.
General Housekeeping	Well Site Cleared: Ward agrees that all trash, refuse pipe, equipment, liquids, chemicals of other materials that are not necessary for the continued operations of the wells will be removed and disposed of no later than 30 days after completion. No such items will be burned or buried on location.
Material Handling and Spill Prevention	Berm Construction: A containment berm will be constructed around the oil and water storage tanks. The berm will be inspected regularly and maintained in good condition.

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Drilling/Completion Operations	BMP added from correspondence with Operator - Ward anticipates commercial quantities of gas and will utilize Green Completions. Ward intends to drill the well in May but complete the well in August when pipeline agreements are in place with Anadarko and Adams County . Anadarko is building a new pipeline that Ward will utilize. Ward will utilize Bronco for their flowback vessels.
General Housekeeping	Loadlines: All loadlines shall be bullplugged or capped.
Traffic control	Traffic Plan: A traffic plan will be done if requested by Adams County.

S/AR: _____ Comment: _____

CA: _____ Date: _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present
DITCHES	Yes		

S/AR: SATISFACTORY

Corrective Action: _____ Date: _____

Comments: Erosion BMPs: Existing Stormwater and sediment BMPs along perimeter of location.

Other BMPs: _____

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: 441825 Type: WELL API Number: 001-09847 Status: DG Insp. Status: DG

Facility ID: 444560 Type: WELL API Number: 001-09936 Status: XX Insp. Status: XX

Facility ID: 444561 Type: WELL API Number: 001-09937 Status: XX Insp. Status: XX

Facility ID: 444562 Type: WELL API Number: 001-09938 Status: XX Insp. Status: XX

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Facility ID:	444563	Type:	WELL	API Number:	001-09939	Status:	XX	Insp. Status:	XX
Facility ID:	444564	Type:	WELL	API Number:	001-09940	Status:	XX	Insp. Status:	XX
Facility ID:	444565	Type:	WELL	API Number:	001-09941	Status:	DG	Insp. Status:	DG
Facility ID:	444566	Type:	WELL	API Number:	001-09942	Status:	XX	Insp. Status:	XX
Facility ID:	444567	Type:	WELL	API Number:	001-09943	Status:	XX	Insp. Status:	XX

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: IRRIGATED

Comment: _____

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 _____

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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: IRRIGATED _____

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

S/A/V: _____ Corrective Date: _____

Comment: _____

CA: _____

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Pits: ☐ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Operator said topsoil stockpile is in process of being moved from the western area to create space for operations. Need to stabilize topsoil stockpile and prevent soil leaving location. Refer to attached photos in Doc.#682400369	binschusc	02/18/2016
Tracking device installed at location entrance to prevent sediment leaving location. Location perimeter has existing stormwater and sediment BMPs in place. Refer to attached photos in Doc.#682400369	binschusc	02/18/2016

Attached Documents

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

Document Num	Description	URL
682400369	Location Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3785595