

FORM  
2A

Rev  
08/13

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400929058

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Date Received:

11/23/2015

Oil and Gas Location Assessment

☐ New Location ☐ Refile ☒ Amend Existing Location Location#: 436062

Submit signed original form. This Oil and Gas Location Assessment is to be submitted to the COGCC for approval prior to any ground disturbance activity associated with oil and gas operations. Approval of this Oil and Gas Location Assessment will allow for the construction of the below specified Location; however, it does not supersede any land use rules applied by the local land use authority. Please see the COGCC website at <http://cogcc.state.co.us/> for all accompanying information pertinent this Oil and Gas Location Assessment.

Location ID:

**436062**

Expiration Date:

**06/28/2019**

☒ This location assessment is included as part of a permit application.

CONSULTATION

- ☐ This location is included in a Comprehensive Drilling Plan. CDP # \_\_\_\_\_
- ☐ This location is in a sensitive wildlife habitat area.
- ☐ This location is in a wildlife restricted surface occupancy area.
- ☐ This location includes a Rule 306.d.(1)A.ii. variance request.

Operator

Operator Number: 10359  
Name: WARD PETROLEUM CORPORATION  
Address: PO BOX 1187  
City: ENID State: OK Zip: 73702

Contact Information

Name: Andrea Gross  
Phone: (303) 942-0506  
Fax: ( )  
email: agross@upstreampm.com

RECLAMATION FINANCIAL ASSURANCE

☒ Plugging and Abandonment Bond Surety ID: 20100221 ☐ Gas Facility Surety ID: \_\_\_\_\_  
☐ Waste Management Surety ID: \_\_\_\_\_

LOCATION IDENTIFICATION

Name: Sharp Number: 24-3-11HC  
County: ADAMS  
QuarterQuarter: SWSW Section: 24 Township: 1S Range: 67W Meridian: 6 Ground Elevation: 5019  
Define a single point as a location reference for the facility location. When the location is to be used as a well site then the point shall be a well location.  
Footage at surface: 250 feet FSL from North or South section line  
190 feet FWL from East or West section line  
Latitude: 39.944030 Longitude: -104.846050  
PDOP Reading: 1.2 Date of Measurement: 10/15/2013  
Instrument Operator's Name: Rob Daley

## RELATED REMOTE LOCATIONS

(Enter as many Related Locations as necessary. Enter the Form 2A document # only if there is no established COGCC Location ID#)

This proposed Oil and Gas Location is:

LOCATION ID # FORM 2A DOC #

## FACILITIES

Indicate the number of each type of oil and gas facility planned on location

Wells	<u>10</u>	Oil Tanks*	<u>22</u>	Condensate Tanks*	<u>      </u>	Water Tanks*	<u>10</u>	Buried Produced Water Vaults*	<u>      </u>
Drilling Pits	<u>      </u>	Production Pits*	<u>      </u>	Special Purpose Pits	<u>      </u>	Multi-Well Pits*	<u>      </u>	Modular Large Volume Tanks	<u>      </u>
Pump Jacks	<u>      </u>	Separators*	<u>6</u>	Injection Pumps*	<u>      </u>	Cavity Pumps*	<u>      </u>	Gas Compressors*	<u>1</u>
Gas or Diesel Motors*	<u>      </u>	Electric Motors	<u>      </u>	Electric Generators*	<u>      </u>	Fuel Tanks*	<u>      </u>	LACT Unit*	<u>      </u>
Dehydrator Units*	<u>      </u>	Vapor Recovery Unit*	<u>      </u>	VOC Combustor*	<u>1</u>	Flare*	<u>      </u>	Pigging Station*	<u>      </u>

## OTHER FACILITIES\*

### Other Facility Type

### Number

Heater Treaters/VRT	<u>3</u>
ECD	<u>2</u>
Meter Reader	<u>1</u>

\*Those facilities indicated by an asterisk (\*) shall be used to determine the distance from the Production Facility to the nearest cultural feature on the Cultural Setbacks Tab.

Per Rule 303.b.(3)C, description of all oil, gas, and/or water pipelines:

2" fusion bonded Schedule 40 steel flowlines will be installed. There is an existing gas sales pipeline in place.

## CONSTRUCTION

Date planned to commence construction: 05/01/2016 Size of disturbed area during construction in acres: 5.20  
Estimated date that interim reclamation will begin: 08/01/2016 Size of location after interim reclamation in acres: 2.40  
Estimated post-construction ground elevation: 5018

## DRILLING PROGRAM

Will a closed loop system be used for drilling fluids: Yes

Is H<sub>2</sub>S anticipated? No

Will salt sections be encountered during drilling: No

Will salt based mud (>15,000 ppm Cl) be used? No

Will oil based drilling fluids be used? Yes

## DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Method: Commercial Disposal

Cutting Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Beneficial reuse or land application plan submitted?       

Reuse Facility ID:        or Document Number:       

Centralized E&P Waste Management Facility ID, if applicable:

## SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: Lyle Sharp

Phone: \_\_\_\_\_

Address: 9378 Star Hill Ct.

Fax: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

City: Lone Tree State: CO Zip: 80124

Surface Owner: ☒ Fee ☐ State ☐ Federal ☐ Indian

Check all that apply. The Surface Owner: ☒ is the mineral owner

☒ is committed to an oil and Gas Lease

☐ has signed the Oil and Gas Lease

☐ is the applicant

The Mineral Owner beneath this Oil and Gas Location is: ☒ Fee ☐ State ☐ Federal ☐ Indian

The Minerals beneath this Oil and Gas Location will be developed from or produced to this Oil and Gas Location: Yes

The right to construct this Oil and Gas Location is granted by: oil and gas lease

Surface damage assurance if no agreement is in place: \_\_\_\_\_ Surface Surety ID: \_\_\_\_\_

Date of Rule 306 surface owner consultation 11/01/2015

## CURRENT AND FUTURE LAND USE

Current Land Use (Check all that apply):

Crop Land: ☐ Irrigated ☐ Dry land ☐ Improved Pasture ☒ Hay Meadow ☐ CRP

Non-Crop Land: ☐ Rangeland ☐ Timber ☐ Recreational ☐ Other (describe): \_\_\_\_\_

Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

Future Land Use (Check all that apply):

Crop Land: ☐ Irrigated ☐ Dry land ☐ Improved Pasture ☒ Hay Meadow ☐ CRP

Non-Crop Land: ☐ Rangeland ☐ Timber ☐ Recreational ☐ Other (describe): \_\_\_\_\_

Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

## CULTURAL DISTANCE INFORMATION

Provide the distance to the nearest cultural feature as measured from Wells or Production Facilities onsite.

	From WELL	From PRODUCTION FACILITY
Building:	527 Feet	680 Feet
Building Unit:	551 Feet	653 Feet
High Occupancy Building Unit:	5280 Feet	5280 Feet
Designated Outside Activity Area:	5280 Feet	5280 Feet
Public Road:	239 Feet	180 Feet
Above Ground Utility:	211 Feet	91 Feet
Railroad:	1717 Feet	1843 Feet
Property Line:	205 Feet	54 Feet

### INSTRUCTIONS:

- All measurements shall be provided from center of nearest Well or edge of nearest Production Facility to nearest of each cultural feature as described in Rule 303.b.(3)A.
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit, High Occupancy Building Unit, and Designated Outside Activity Area - as defined in 100-Series Rules.
- For measurement purposes only, Production Facilities should only include those items with an asterisk(\*) on the Facilities Tab.

## DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a: ☒ Buffer Zone  
☐ Exception Zone  
☐ Urban Mitigation Area

- Buffer Zone - as described in Rule 604.a.(2), within 1,000' of a Building Unit.
- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.
- Urban Mitigation Area - as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: \_\_\_\_\_

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: 11/03/2015

## FOR MULTI-WELL PADS AND PRODUCTION FACILITIES WITHIN DESIGNATED SETBACK LOCATIONS ONLY:

- ☒ Check this box if this Oil and Gas Location has or will have Production Facilities that serve multiple wells (on or offsite) and the Production Facilities are proposed to be located less than 1,000 feet from a Building Unit. *(Pursuant to Rule 604.c.(2)E.i., the operator must evaluate alternative locations for the Production Facilities that are farther from the Building Unit, and determine whether those alternative locations were technically feasible and economically practicable for the same proposed development.)*
- ☒ By checking this box, I certify that no alternative placements for the Production Facilities, farther from the nearest Building Unit, were available based on the analysis conducted pursuant to Rule 604.c.(2)E.i.

In the space below, explain rationale for siting the multi-well Production Facility(ies) that supports your Rule 604.c.(2)E.i determination. Attach documentation that supports your determination to this Form 2A.

This is an existing location approved on the original Form 2A submission on 02/08/2014. The closest Building Unit to the production facility is owned by the Surface Owner/Mineral Owner. The production facility location was decided and approved by the surface owner.

Ward was unable to place the production facilities offsite of the location outside of any buffer zone as it would be a different surface owner that Ward does not have a relationship with. Placing the the production facilities further to the south or the east would move them closer to the building units. An offsite production facility would require installing pipelines which would require more long term surface disturbance. This is an existing well pad. Ward placing the new production facilities along the north edge of the well pad to increase the distance between the building units and the facilities.

## SOIL

List all soil map units that occur within the proposed location. attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" report listing the soil typical vertical profile. This data is to used when segregating topsoil.

The required information can be obtained from the NRCS web site at <http://soildatamart.nrcs.usda.org/> or from the COGCC web site GIS Online map page found at <http://colorado.gov/cogcc>. Instructions are provided within the COGCC web site help section.

NRCS Map Unit Name: NIA Nunn loam, 0-1 percent slopes

NRCS Map Unit Name: \_\_\_\_\_

NRCS Map Unit Name: \_\_\_\_\_

## PLANT COMMUNITY:

Complete this section only if any portion of the disturbed area of the location's current land use is on non-crop land.

Are noxious weeds present: Yes ☐ No ☒

Plant species from: ☐ NRCS or, ☐ field observation Date of observation: \_\_\_\_\_

List individual species: \_\_\_\_\_

### Check all plant communities that exist in the disturbed area.

- ☐ Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)  
☐ Native Grassland (Bluestem, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)  
☐ Shrub Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)  
☐ Plains Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)  
☐ Mountain Riparian (Cottonwood, Willow, Blue Spruce)  
☐ Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon, Aspen)  
☐ Wetlands Aquatic (Bullrush, Sedge, Cattail, Arrowhead)  
☐ Alpine (above timberline)  
☐ Other (describe): \_\_\_\_\_

## WATER RESOURCES

Is this a sensitive area: ☐ No ☒ Yes

Distance to nearest

downgradient surface water feature: 200 Feet

water well: 326 Feet

Estimated depth to ground water at Oil and Gas Location 25 Feet

Basis for depth to groundwater and sensitive area determination:

Depth to groundwater was determined from Water Well Permit 1922-R which is located in Section 23 T1S R67W. This location is within Brighton PWS Protection area which is why sensitive area was checked yes.

Is the location in a riparian area: ☒ No ☐ Yes

Was an Army Corps of Engineers Section 404 permit filed ☒ No ☐ Yes If yes attach permit.

Is the location within a Rule 317B Surface Water Supply Area buffer No zone:

If the location is within a Rule 317B Surface Water Supply Area buffer have all public water supply systems within 15 miles been notified: \_\_\_\_\_

Is the Location within a Floodplain? ☒ No ☐ Yes Floodplain Data Sources Reviewed (check all that apply)

☐ Federal (FEMA)

☒ State

☐ County

☐ Local

☐ Other \_\_\_\_\_

## GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 318A

## DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- ☐ Rule 604.a.(1)A. Exception Zone (within 500' of Building Unit)
- ☐ Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- ☐ Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- ☐ Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- ☐ Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

#### **RULE 502.b VARIANCE REQUEST**

- ☐ Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number \_\_\_\_\_

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

#### **OPERATOR COMMENTS AND SUBMITTAL**

Comments

This location has been built. To accomodate the additional wells, Ward will expand the pad north. The expansion of the wellpad does not place additional building units within the Buffer Zone. The same building units that were notified with the original submission are still the only building units within the Buffer Zone and have been notified per Rule 305.a.(2). Only amended attachments have been uploaded and submitted. All other original attachments have remained the same.

This Location is being amended to add 8 wells, 18 oil tanks, 7 water tanks, 5 separators, 3 Heater Treaters/VRT, 2 ECDs and 1 VOC combustor in place of the flare.  
This Location will not be using the MLVT or gas or diesel motors.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: \_\_\_\_\_ Date: 11/23/2015 Email: agross@upstreampm.com

Print Name: Andrea Gross Title: Permit Agent

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved:  Director of COGCC Date: 6/29/2016

#### **Conditions Of Approval**

**All representations, stipulations and conditions of approval stated in this Form 2A for this location shall constitute representations, stipulations and conditions of approval for any and all subsequent operations on the location unless this Form 2A is modified by Sundry Notice, Form 4 or an Amended Form 2A.**

<b>COA Type</b>	<b>Description</b>
	Operator shall submit an updated SUA with the current Facility Layout Drawing via Form 4 Sundry.
	<p>Per Operator, updated the following BMPs:</p> <p>Fencing: The wellsite will be fenced.</p> <p>Leak Detection Plan - See Attached Document #1010071</p> <p>Per Operator, changed:</p> <p>From: 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).</p> <p>To:</p> <p>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 material not in use that might constitute a fire hazard, will remain no less than 25 feet from the wellhead (s), tanks and separator(s).</p>

### **Best Management Practices**

<b>No</b>	<b>BMP/COA Type</b>	<b>Description</b>
1	Planning	Ward is expanding the wellpad to include additional wells in order to eliminate the need for a new wellpad which would require more surface disturbance.
2	Traffic control	A traffic plan will be done if request by Adams County.
3	Traffic control	Ward has constructed the leasehold road to accommodate local emergency vehicle access requirements and is maintained in a reasonable condition.
4	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.
5	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.
6	General Housekeeping	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.
7	Storm Water/Erosion Control	Ward will maintain a Stormwater Management Plan with site specific measurements to assess erosion control.
8	Material Handling and Spill Prevention	Leak Detection Plan: See Attachment Document #1010071
9	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 material not in use that might constitute a fire hazard, will remain no less than 25 feet from the wellhead (s), tanks and separator(s).
10	Material Handling and Spill Prevention	Berm Construction: A steel containment berm or structure will be erected around the oil and water storage tanks. The steel berm will be inspected at least every 14 calendar days while the site is under construction and within 24 hours of a precipitation event.
11	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.

12	Material Handling and Spill Prevention	<p>Berms or other containment devices shall be constructed around crude oil, condensate, and produced water storage tanks as follows:</p> <p>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.</p> <p>b. Containment berms shall be constructed of steel rings, designed and installed to prevent leakage and resist degradation from erosion or routine operation.</p> <p>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.</p> <p>d. Tertiary containment, such as an earthen site berm, is required around the downgradient and side-gradient portions of Production Facilities, including process vessels.</p>
13	Material Handling and Spill Prevention	<p>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.</p>
14	Material Handling and Spill Prevention	<p>Notification to the Brighton Public Works Department prior to commencement of new surface disturbing activities at the site; and</p> <p>(7) 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.</p> <p>In the event of a spill or release, the Operator shall immediately implement the emergency response procedures in the above-described emergency response program.</p> <p>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.</p>
15	Dust control	<p>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.</p>
16	Construction	<p>Fencing: The wellsite will be fenced.</p>
17	Noise mitigation	<p>Ward is planning on using sound walls to mitigate noise levels during drilling and completion. A background noise study will be done prior to drilling and the appropriate sound wall design will be chosen to meet or exceed COGCC noise requirements.</p> <p>The expansion of the well pad will be constructed in a manner that noise mitigation will be installed and removed without disturbing the site or landscaping.</p>
18	Odor mitigation	<p>Ward will comply with Rule 805 and Department of Public Health and Environment, Air Quality Control Commission, Regulation No. 2 Odor Emission, 5 C.C.R. 1001-4, Regulation No. 3 (5 C.C.R. 1001-5), and Regulation No. 7 Section XVII.B.1 (a-c) and Section XII.</p>
19	Drilling/Completion Operations	<p>Pitless drilling systems will be utilized</p>
20	Drilling/Completion Operations	<p>Flowback and stimulation fluids shall be contained within tanks that are placed on a well pad or in an area with downgradient perimeter berming</p>
21	Drilling/Completion Operations	<p>All loadlines shall be bullplugged or capped.</p>
22	Drilling/Completion Operations	<p>Green Completions: Emission Control Systems. Test separators and associated flow lines and sand traps shall be installed on-site to accommodate Green completion techniques pursuant to COGCC Rules.</p>



Total: 22 comment(s)

### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
1009987	URBAN MITIGATION DETERMINATION EXHIBIT
1009989	CORRESPONDENCE
1009998	306.e CERTIFICATION
1010009	CORRESPONDENCE
1010042	FACILITY LAYOUT DRAWING
1010071	LEAK DETECTION PLAN
400929058	FORM 2A SUBMITTED
400934598	MULTI-WELL PLAN
400934724	WASTE MANAGEMENT PLAN
400940288	LOCATION DRAWING
400941821	SURFACE AGRMT/SURETY
400945072	30 DAY NOTICE LETTER

Total Attach: 12 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
OGLA	<p>Per Operator request, changed Siting Rationale to:            "This is an existing location approved on the original Form 2A submission on 02/08/2014. The closest Building Unit to the production facility is owned by the Surface Owner/Mineral Owner. The production facility location was decided and approved by the surface owner.</p> <p>Ward was unable to place the production facilities offsite of the location outside of any buffer zone as it would be a different surface owner that Ward does not have a relationship with. Placing the the production facilities further to the south or the east would move them closer to the building units. An offsite production facility would require installing pipelines which would require more long term surface disturbance. This is an existing well pad. Ward placing the new production facilities along the north edge of the well pad to increase the distance between the building units and the facilities."</p>	6/13/2016 4:28:52 PM
Permit	Removed Operator comment: The right to construct has been changed from the original OGLA submission as the new wells added will not produce from the surface owner's oil and gas lease. That right to construct is now through the Surface Use Agreement. Not correct for the current configuration. Permitting Review Complete.	6/13/2016 4:00:41 PM
OGLA	<p>Per Operator request, added:</p> <p>Green Completions: Emission Control Systems. Test separators and associated flow lines and sand traps shall be installed on-site to accommodate Green completion techniques pursuant to COGCC Rules.</p> <p>Berm Construction: A steel containment berm or structure will be erected around the oil and water storage tanks. The steel berm will be inspected at least every 14 calendar days while the site is under construction and within 24 hours of a precipitation event.</p>	6/10/2016 10:52:33 AM
Permit	Checked "This location assessment is included as part of a permit application. Final Review Completed.	5/26/2016 3:45:49 PM
OGLA	<p>Per Operator request, added the following to the Siting Rationale:</p> <p>The closest Building Unit to the production facility is owned by the Surface Owner/Mineral Owner.</p>	5/5/2016 4:58:50 PM

OGLA	Per Operator request, added: "This Location is being amended to add 8 wells, 18 oil tanks, 7 water tanks, 5 separators, 3 Heater Treaters/VRT, 2 ECDs and 1 VOC combustor in place of the flare. This Location will not be using the MLVT or gas or diesel motors."	5/5/2016 4:51:08 PM
OGLA	Per Operator request, added the following to the Siting Rationale:  Ward was unable to place the production facilities offsite of the location outside of any buffer zone as it would be a different surface owner that Ward does not have a relationship with. Placing the the production facilities further to the south or the east would move them closer to the building units. An offsite production facility would require installing pipelines which would require more long term surface disturbance. This is an existing well pad. Ward placing the new production facilities along the north edge of the well pad to increase the distance between the building units and the facilities. - update 02/12/2016.	2/10/2016 12:30:04 PM
OGLA	Per Operator request, added one VOC Combustor to the facilities list.	2/10/2016 12:07:25 PM
OGLA	Waiting on updated Facility Layout Drawing Received 02/09/2016 - Reviewed 02/09/2016 - Waiting on modification/clarification to updated Facility Layout Drawing - 02/10/2016 - MMH Updated facilities list based on Operator correspondence (Attachment Document #1010009). Need updated Facility Layout Drawing - 02/12/2016 - Received 2/12/2016 Typo on distances on the updated Facility Layout Drawing - Need updated Facility Layout Drawing - Recieved 04/18/2016	2/4/2016 5:10:16 PM
Permit	Permitting Review Complete.	2/4/2016 11:52:52 AM
Permit	Per operator changed to the Right to Construct from SUA to Oil & Gas lease.	2/4/2016 11:52:51 AM
OGLA	UMA Determination received 12/16/2015. See Attachments 1009989 and 1009987.  306.e Received - 01/15/2016	1/5/2016 8:36:01 AM
OGLA	Per Operator request, added Odor BMP.  Changed Operator BMP #2 from Planning to Noise  Per Operator request, added "Ward is planning on using sound walls to mitigate noise levels during drilling and completion. A background noise study will be done prior to drilling and the appropriate sound wall design will be chosen to meet or exceed COGCC noise requirements" to the Noise BMP. - 01/05/2016  Per Operator request, added "Ward will comply with Rule 805 and Department of Public Health and Environment, Air Quality Control Commission, Regulation No. 2 Odor Emission, 5 C.C.R. 1001-4, Regulation No. 3 (5 C.C.R. 1001-5), and Regulation No. 7 Section XVII.B.1 (a-c) and Section XII."	12/15/2015 11:32:00 AM
OGLA	Facility Layout Drawing is not in compliance  Acreage after Interim Reclamation is the same as the original permit, however, facilities have increased and the reclaimed area on the updated Facility Layout Drawing appears less than on the original submittal. - Operator verified, acreages are correct.  Per Operator request, changed Distance to the Nearest Surface Water Drainage to 200 feet based on the USGS Topo and the Hydrology Map.	12/11/2015 4:11:55 PM
Permit	Passed completeness.	12/1/2015 2:44:55 PM

OGLA	Buffer Zone completeness review - missing 305.a pre-notification certification. Facility Layout Drawing only shows 5 wells. Location is in Brighton PWS BMPs Buffer Zone. Although this is an amended location, the increase from 2 to 10 wells and from 4 to 22 tanks in the sensitive area/PWS requires more detailed BMPs for Berms, fluid level monitoring, loadlines, containment, and spill response. Return to Draft	11/24/2015 3:40:14 PM
Permit	Referred to OGLA Supervisor for Buffer Zone review.	11/24/2015 11:44:01 AM

Total: 17 comment(s)