

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:

401489198

Date Received:

12/18/2017

Oil and Gas Location Assessment

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

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:

462024

Expiration Date:

02/12/2022

☒ 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: 10071

Name: HIGHPOINT OPERATING CORPORATION

Address: 1099 18TH ST STE 2300

City: DENVER State: CO Zip: 80202

Contact Information

Name: Rachel Milne

Phone: (303) 3128115

Fax: ()

email: rmilne@billbarrettcorp.com

RECLAMATION FINANCIAL ASSURANCE

☒ Plugging and Abandonment Bond Surety ID: 20040060 ☐ Gas Facility Surety ID: _____

☐ Waste Management Surety ID: _____

LOCATION IDENTIFICATION

Name: Grinde Number: 1-64-5_4 NWSW

County: WELD

QuarterQuarter: NWSW Section: 5 Township: 1N Range: 64W Meridian: 6 Ground Elevation: 5025

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: 1550 feet FSL from North or South section line

290 feet FWL from East or West section line

Latitude: 40.077500 Longitude: -104.583220

PDOP Reading: 1.3 Date of Measurement: 11/02/2017

Instrument Operator's Name: Scott Estabrooks

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 #

Well Site is served by Production Facilities

401485334

FACILITIES

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

Wells	4	Oil Tanks*		Condensate Tanks*		Water Tanks*		Buried Produced Water Vaults*	
Drilling Pits		Production Pits*		Special Purpose Pits		Multi-Well Pits*		Modular Large Volume Tanks	
Pump Jacks	4	Separators*		Injection Pumps*		Cavity Pumps*		Gas Compressors*	
Gas or Diesel Motors*		Electric Motors		Electric Generators*		Fuel Tanks*		LACT Unit*	
Dehydrator Units*		Vapor Recovery Unit*		VOC Combustor*		Flare*		Pigging Station*	

OTHER FACILITIES*

Other Facility Type

Number

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:

- (1) 4" Flex Water Flowline
- (1) 6" Steel Gas Line
- (1) 4" Flex Oil Line
- (4) 2" Flex Gas Lines
- (4) 2" Steel Flow Lines
- (1) 2' Flex Swab

See pipeline and flowline counts above. When possible temporary water pipelines will carry water from storage tanks or water sources to well completion sites. Pipes will be made of flexible and rigid materials (plastic, aluminum and steel) generally 8" to 12" in diameter. The length will be determined by the distance to the well site to be serviced for the fracing operation. This will greatly minimize the number of truck trips required for the well completion.

CONSTRUCTION

Date planned to commence construction: 02/15/2019

Size of disturbed area during construction in acres: 6.70

Estimated date that interim reclamation will begin: 05/01/2019

Size of location after interim reclamation in acres: 0.80

Estimated post-construction ground elevation: 5029

DRILLING PROGRAM

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

Is H₂S 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? No

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Method: Land application

Cutting Disposal: OFFSITE Cuttings Disposal Method: Beneficial reuse

Other Disposal Description:

Beneficial reuse or land application plan submitted? Yes

Reuse Facility ID: 448950 or Document Number: _____

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

SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: B&B Family Trust

Phone: _____

Address: 5322 WCR 51

Fax: _____

Address: _____

Email: _____

City: Keenesburg State: CO Zip: 80643

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: Surface Use Agreement

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

Date of Rule 306 surface owner consultation 10/31/2017

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:	399 Feet	Feet
Building Unit:	675 Feet	Feet
High Occupancy Building Unit:	5280 Feet	Feet
Designated Outside Activity Area:	5280 Feet	Feet
Public Road:	277 Feet	Feet
Above Ground Utility:	264 Feet	Feet
Railroad:	5280 Feet	Feet
Property Line:	290 Feet	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.
- Large UMA Facility - 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: 11/13/2017

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.

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 be 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: 79—Weld loam, 1 to 3 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: 119 Feet

water well: 310 Feet

Estimated depth to ground water at Oil and Gas Location 18 Feet

Basis for depth to groundwater and sensitive area determination:

Depth to ground water is based on the static level of a nearby water well - permit number: 63076 - -
Sensitive area determination based on distance to nearest down water surface water feature and static water level of permit.

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

WILDLIFE

- ☐ This location is included in a Wildlife Mitigation Plan

☐ This location was subject to a pre-consultation meeting with CPW held on _____

DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- ☐ Rule 604.a.(1)A. Exception Zone (within 500' of a Building Unit) and is in an Urban Mitigation Area
- ☐ 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

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

Signed: _____ Date: 12/18/2017 Email: rmilne@billbarrettcorp.com

Print Name: Rachel Milne Title: Regulatory Analyst

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: 2/13/2019

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.

COA Type

Description

	The Approved Form 2A permit will be posted at the location during construction, drilling, and completions operations.
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Best Management Practices

No BMP/COA Type

Description

1	Planning	604.c (2).E. To reduce footprint, the pad is planned as a multiwell pad. The pad will have all-weather access and noise mitigation measures (sound walls) will be installed and removed without disturbing landscape. There are no existing pads to reoccupy within the S/2 Sec 5 & 4, T1N, R64W DSU. A new multi-well location is proposed to drill all wells within the southern portion DSU, to optimize full development.
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2	Planning	Where technologically feasible and economically practicable, multi-well pads have been created. Multi-well production facilities shall be located as far as possible from Building Units. The pad will have an all weather access road, which allows for emergency responses.
3	Traffic control	COGCC Rule 604.c.(2)D.: Traffic Plan Prior to the commencement of operations, BBC will obtain access and ROW permits per Weld County Code and implement COAs or traffic control plans as required.
4	Traffic control	COGCC Rule 604.c.(2)S.: Access Roads The proposed access road and all leasehold roads have/will be maintained to accommodate local emergency vehicle access requirements, and shall be maintained in a reasonable condition.
5	General Housekeeping	COGCC Rule 604.c.(2)P: Trash would be contained in a trash cage or dumpster and hauled away to an approved disposal facility.
6	General Housekeeping	604c.(2).T. Within 90 days after well is plugged and abandoned, the well site will be cleared of all not essential equipment, trash and debris.
7	Storm Water/Erosion Control	<p>MATERIAL HANDLING, STORMWATER MANAGEMENT AND SPILL CONTROL</p> <ul style="list-style-type: none"> • Material handling and spill prevention procedures and practices will be followed to help prohibit discharges to surface waters. • Proper loading, and transportation procedures to be followed for all materials to and from locations. • Use drip pans, sumps, or liners where appropriate • Properly dispose of any wastes fluids and other materials at properly authorized offsite disposal or recycling facilities • Utilize berms and/or other forms of diversions around tanks, drums, chemicals, liquids, pits, impoundments, or well pads. • Limit the amount of land disturbed during construction of pad, access road, and facilities • Pad and access road to be designed to minimize erosion • Install appropriate erosion control devices where necessary to minimize and/or control erosion • Conduct routine inspections of sites and stormwater controls measures in accordance with the requirements of the CDPHE. • Complete repair, maintenance or installation of new stormwater control measures in accordance with the requirements of the CDPHE and as necessary to minimize and/or control erosion and transport of sediment off location. • Develop and implement a Spill Response, Control, and Countermeasure (SPCC) Plan in accordance with 40 CFR Part 112 • Install secondary containment around tanks, drums, and storage areas to prohibit discharges to surface waters in accordance with 40 CFR Part 112. Alternatively general secondary containment may be provided around the entire perimeter of the location when containment structures are not feasible in immediate vicinity of storage vessels. <p>SELF INSPECTION, MAINTENANCE, AND HOUSEKEEPING</p> <ul style="list-style-type: none"> • All Bill Barrett Corporation employees are trained in spill response, good housekeeping, material management practices, and procedures for equipment and container washing annually • Conduct stormwater inspections per applicable stormwater regulations and Bill Barrett Corporation's Stormwater Management Plan (SWMP) • Conduct routine informal inspections of all tanks and storage facilities at least weekly • All containment areas are to be inspected weekly or following a heavy rain event. • Excessive precipitation accumulation within secondary containment that materially impacts storage capacity containment structure will be removed as appropriate and disposed of properly. • All structural berms, dikes, and containment will be inspected periodically to ensure they are functioning as designed. <p>SPILL RESPONSE</p> <ul style="list-style-type: none"> • Spill response procedures as per the applicable SPCC Plan and/or Bill Barrett Corporation Emergency Response Plan and Incident Reporting Policy.
8	Material Handling and Spill Prevention	COGCC Rule 604.c.(2)N.: Control of Fire Hazards Materials not in use will be kept a minimum of 25' from wellhead and separator. All electrical installations will be done in accordance with current NEC and API RP 500.

9	Material Handling and Spill Prevention	604c.(2).O. Load lines: All load lines shall be bullplugged or capped.
10	Material Handling and Spill Prevention	Flammable liquids shall not be stored within fifty (50) feet of the wellbore, except for the fuel in the tanks of operating equipment or supply for injection pumps. Where terrain and location configuration do not permit maintaining this distance, equivalent safety measures should be taken. Control of fire hazards. Any material not in use that might constitute a fire hazard will be removed at a minimum of twenty-five (25) feet from the wellhead, tanks and separator. Any electrical equipment installations inside the bermed area will comply with API RP 500 classifications and comply with the current national electrical code as adopted by the State of Colorado.
11	Dust control	Dust suppression (water trucks) will be utilized as necessary.
12	Construction	604c.(2).M. Fencing Requirements: A permeant fencing plan will be reviewed by the surface owner and applicant to ensure the well site is secured. Bill Barrett Corp. will construct, maintain, and monitor the fence (if constructed) and wellsite regularly upon completion of the wells.
13	Noise mitigation	To reduce noise impacts associated with production of the wells, compression and associated production equipment has been purposely located off site at the Grinde 1-64-5_4 PF pad (Document Number: 401485334) to be outside of the 1000' buffer.
14	Noise mitigation	<p>During drilling and completions, BBC plans to construct sound/visual walls that will be placed along the edges of the pad. The construction will allow noise mitigation to be installed and removed without disturbing the site or landscaping. The sound/visual walls will also assist to block out any lighting from nearby occupied structures. Will sound walls be placed around the well pad, except for the access road entrance, during drilling and completions.</p> <p>Light sources will be directed downwards, and away from occupied structures where possible. Once the drilling and completion rigs leave the site, there will be no permanently installed lighting on site.</p>
15	Emissions mitigation	604c.(2).B. Operator will use a closed loop system for drilling and fluid management. No pits will be dug.
16	Emissions mitigation	<p>Green Completions – the wells will be shut in if a sales line is not available at the time of flowback.</p> <p>Test separators and associated flow lines and sand traps shall be installed on-site to accommodate Green completions techniques pursuant to COGCC Rules. This ECD shall have an adequate capacity for 1.5 times the largest flow-back within a 10-mile radius, will be flanged to route gas to other or permanent oxidizing equipment and shall be provided with the equipment needed to maintain combustion where noncombustible gases are present. As applicable, per COGCC Rule 805, GWOC will utilize all reasonable and cost-efficient best practices, including but not limited to those listed in Rule 805, to maximize resource recovery and mitigate releases to the environment. Initial frac and drill out effluent is routed through a sand catcher/trap and a junk/sand tank to remove sand and well frac debris.</p>
17	Emissions mitigation	Green Completions -Test separators and associated flow lines, sand traps and emission control systems shall be installed on-site to accommodate green completions techniques. When commercial quantities of salable quality gas are achieved at each well, the gas shall be immediately directed to a sales line or shut in and conserved. If a sales line is unavailable or other conditions prevent placing the gas into a sales line, the operator shall not produce the wells without an approved variance per Rule 805.b. (3)C
18	Odor mitigation	BBC does not anticipate any mitigation measures will be necessary for odors. Sealed tanks with pressure relief valves and emissions controls will be utilized.

19	Drilling/Completion Operations	<p>BBC GENERAL PRACTICES (Drilling/Completion Operations)</p> <p>NOTIFICATIONS</p> <ul style="list-style-type: none"> • Proper notifications required by COGCC regulations or policy memos will be adhered to. <p>TRENCHES/PITS/TEMPORARY FRAC TANKS</p> <ul style="list-style-type: none"> • Unlined pits will not be constructed. • Drill cuttings will be put to beneficial reuse on location, hauled to an approved spread field for beneficial reuse, or hauled to a properly authorized 3rd party disposal facility. Disposal and beneficial reuse methods will comply with COGCC regulations, policy, and guidance. • Flowback and stimulation fluids from the wells being completed will be sent to tanks and/or filters to allow sand and sediment to settle out before the fluids are hauled to a state-approved disposal facility. • Temporary frac tanks installed on location will have proper secondary containment according to SPCC regulations such as either putting a perimeter berm around location or around the frac tanks. <p>VEHICLE & LOCATION PROCEDURES</p> <ul style="list-style-type: none"> • Vehicles entering location shall be cleaned to the extent necessary to prevent deposit of chemicals, oil, noxious weeds, trash, and debris on location. • Location to be treated to kill weeds and regraded when necessary to maintain proper drainage.
20	Drilling/Completion Operations	No guy line anchors will be utilized. Base beams are utilized during work overs and are removed after rig is gone.
21	Final Reclamation	BBC will identify the location of the wellbore with a permanent monument as specified in Rule 319.a.(5). In addition, BBC will inscribe or imbed the well number and date of plugging upon the permanent monument.

Total: 21 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2316323	HYDROLOGY MAP
2316331	RULE 306.E. CERTIFICATION
2316336	FACILITY LAYOUT DRAWING
2316419	CORRESPONDENCE
401489198	FORM 2A SUBMITTED
401489774	SURFACE AGRMT/SURETY
401489776	NRCS MAP UNIT DESC
401489781	LOCATION DRAWING
401489785	LOCATION PICTURES
401489796	ACCESS ROAD MAP
401489801	WASTE MANAGEMENT PLAN
401489806	MINERAL LEASE MAP
401489810	FACILITY LAYOUT DRAWING
401490035	MULTI-WELL PLAN
401491238	PRE-APPLICATION NOTIFICATION CERTIFICATION

Total Attach: 15 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Permitting review complete, passed Final Review.	02/06/2019
OGLA	OGLA review complete and task passed.	01/18/2019
Permit	Form 2A returned to "In Process" status: HighPoint (Bill Barrett) complaint and hearing application Docket # 180700493 resolved by Order 1-226.	01/17/2019
OGLA	Updated construction and interim reclamation dates.	01/16/2019
OGLA	Move emissions COA to BMP per correspondence with operator doc no 2316419. Supervisor review - need new construction and interim reclamation dates.	09/13/2018
OGLA	Removed "This location will have up to 20-500 bbl frac tanks. Frac tanks located on this pad may service completion operations being conducted on an adjacent pad location. A sundry would be submitted in the event this situation occurs. Surface owner approval would be obtained where necessary. This location will also have up to 15-300 bbl temporary tanks for drilling operations." from the facilities section. Operator confirmed completions will occur remotely from the production facility - see correspondence. Send for OGLA supervisor buffer review	08/27/2018
OGLA	Sent email for clarification on the temporary frac tanks and completions activities per phone call and email from 5/24/2018.	08/22/2018
OGLA	On 5/16/18 - Operator provided additional BMPs for emissions and noise - added to BMP section. Also added Green completions COA. Operator provided 306.e. certification (attached). Have disturbed area as total 6.6 acres as the facility layout drawing has 5.8 acres of interim reclamation and 0.8 remaining around wells for a total of 6.6 acres. On 5/24 - send email to Operator to confirm disturbed area as facility layout drawing does not match. request new dates for construction and interim reclamation. Operator sent revised Facility layout drawing with reclaimed area at 5.9 acres and interim reclamation size at 0.8 for a total of 6.7 disturbed acres. Replaced Facility layout drawing and updated size. Still waiting on dates. Waiting on new dates for construction and reclamation. Spoke to Operator via phone regarding temporary tanks as they are listed on all three 2As. Not clear where completions activities will occur - remote to production location or on well locations. No information on temp tanks for berming, emissions, or time frame. Need updated construction and reclamation dates.	05/24/2018
Permit	Permitting review complete, pending review of associated APDs.	05/14/2018
OGLA	Operator provided updated facility layout drawing and hydrology map and BMPs on 1/18/18. Confirm location size and site specific BMPs with Operator - sent email on 2/15/18. Operator responded with BMPs on 3/15/18. Replaced facility layout and hydrology maps and added BMPs. Do not have 306.e. certification letter - requested. Requested Green completions/flaring BMP and confirmation on soundwall placement.	05/10/2018
Permit	ON HOLD: 303.j complaint. w/o Apr hearing	03/22/2018
OGLA	Operator responded via email with revised hydrology map and facility layout drawing. Updated distance to surface water, distance to water well, and depth to water. Nearest surface water body is a canal with a berm, but 119 feet from the edge of disturbance. Change water resources to sensitive area with Operator concurrence. Depth to water is from a closed monitoring well approximately 3638 feet southeast with a depth of 18 feet. Nearest water well is domestic with a depth of 940 feet. Added BMPs. Contacted operator regarding site specific noise mitigation and green completions BMPs. Noticed on new facility layout the disturbed area size does not match the 2A.	02/15/2018
Permit	Passed Completeness.	12/28/2017
OGLA	Passed Buffer Zone completeness review. Address noise mitigation during drilling in technical review. Renamed Pre-Application Notification Certification attachment	12/21/2017
Permit	Referred to OGLA Supervisor for buffer zone review.	12/20/2017
Permit	Returned to draft at the request of the operator.	12/18/2017

Total: 16 comment(s)

