

FORM
2A

Rev
02/20

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:

402216196

Date Received:

12/18/2019

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 <https://cogcc.state.co.us/> for all accompanying information pertinent this Oil and Gas Location Assessment.

Location ID:

473534

Expiration Date:

03/15/2023

☐ 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: 10651

Name: VERDAD RESOURCES LLC

Address: 5950 CEDAR SPRINGS ROAD

City: DALLAS State: TX Zip: 75235

Contact Information

Name: Heather Mitchell

Phone: (720) 845-6917

Fax: ()

email: regulatory@verdadoil.com

FINANCIAL ASSURANCE

☒ Plugging and Abandonment Bond Surety ID (Rule 706): 20170009 ☐ Gas Facility Surety ID (Rule 711): _____

☐ Waste Management Surety ID (Rule 704): _____

LOCATION IDENTIFICATION

Name: Georgene Number: 2828-2833

County: WELD

Quarter: SESE Section: 28 Township: 2N Range: 64W Meridian: 6 Ground Elevation: 5018

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: 226 feet FSL from North or South section line

641 feet FEL from East or West section line

Latitude: 40.102705 Longitude: -104.549059

GPS Quality Value: 1.6 Type of GPS Quality Value: PDOP Date of Measurement: 08/04/2019

Instrument Operator's Name: Brent Garcia

LOCAL GOVERNMENT INFORMATION

County: WELD Municipality: N/A

Per § 34-60-106 (1)(f)(I)(A), the following questions pertain to the "local government with jurisdiction to approve the siting of the proposed oil and gas location."

The local government with jurisdiction is: County

Does the local government with jurisdiction regulate the siting of Oil and Gas Locations, with respect to this location? If the local government does regulate the siting, but has waived its right to precede the COGCC in siting determination, indicate by selecting "YES" here and selecting "Waived" for the disposition below. ☒ Yes ☐ No

If yes, in checking this box, I hereby certify that an application has been filed with the local government with jurisdiction to approve the siting of the proposed oil and gas location. ☒

The local government siting permit type is: 1041 WOGLA

The local government siting permit was filed on: 02/03/2020

The disposition of the application filed with the local government is: In Process

Additional explanation of local process:

1041 WOGLA 19-0025 submitted 2/3/2020

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>8</u>	Oil Tanks* <u>8</u>	Condensate Tanks* <u> </u>	Water Tanks* <u>4</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>1</u>
Pump Jacks <u> </u>	Separators* <u>8</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>1</u>
Dehydrator Units* <u> </u>	Vapor Recovery Unit* <u>3</u>	VOC Combustor* <u>4</u>	Flare* <u> </u>	Pigging Station* <u> </u>

OTHER FACILITIES*

Other Facility Type	Number
Heater Treater	1
Air compressor	1
Sales meter	1
VRT	2

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:

The majority of flowlines will be schedule 80 FBE welded steel including: (8) 3" flowlines from the wellheads to the separators (8) 3" gas injection lines from the compressor to the wellheads, (8) 2" dump lines from the separators to the tanks, and (8) 1" gas supply lines from the wellheads to the separators. Poly will be utilized to supply gas to the tubing motor valves, including (8) 1"lines from the separators to the motor valves on the wellheads.

CONSTRUCTION

Date planned to commence construction: 05/01/2020 Size of disturbed area during construction in acres: 7.60
Estimated date that interim reclamation will begin: 11/01/2020 Size of location after interim reclamation in acres: 4.20
Estimated post-construction ground elevation: 5018

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? 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? No

Reuse Facility ID: _____ or Document Number: _____

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

SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: James J. Brnak

Phone: _____

Address: P.O. Box 305

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 11/14/2017

If this Form 2A is associated with Drilling and Spacing Unit applications, list docket number(s): _____

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:	2124 Feet	1738 Feet
Building Unit:	2215 Feet	1812 Feet
High Occupancy Building Unit:	5280 Feet	5280 Feet
Designated Outside Activity Area:	5280 Feet	5280 Feet
Public Road:	217 Feet	43 Feet
Above Ground Utility:	254 Feet	82 Feet
Railroad:	438 Feet	526 Feet
Property Line:	226 Feet	54 Feet
School Facility::	5280 Feet	5280 Feet
School Property Line:	5280 Feet	5280 Feet
Child Care Center:	5280 Feet	5280 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, Designated Outside Activity Area, School Facility, and Child Care Center – as defined in 100 Series Rules.
- For measurement purposes only, Production Facilities should only include those items with an asterisk(*) on the Facilities Tab.

SCHOOL SETBACK INFORMATION

Was Notice required under Rule 305.a.(4)? ☐ Yes ☒ No

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: _____

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: Colby Loam, 1 to 3 percent slopes

NRCS Map Unit Name: Weld loam, 1 to 3 percent slopes

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: 335 Feet

water well: 1108 Feet

Estimated depth to ground water at Oil and Gas Location 9 Feet

Basis for depth to groundwater and sensitive area determination:

This location is a sensitive area due to the distance to surface water (intermittent pond) being less than 500' from the location and the depth to ground water on permit 22672 is 9'.

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 zone: No

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 The Georgene 2833-01H is the reference well used for this location identification. The distances for the cultural setbacks were provided from the nearest proposed well and equipment on the pad.
Facility layout is not required because there are no BUO within 1000' of the location.
Surveyors identified a low area that collects surface water at ~335' from the location. This is not mapped on the COGCC website, but it is indicated on the hydrology map.

1041 WOGLA application, was submitted on 2/3/2020.

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

Signed: _____ Date: 12/18/2019 Email: regulatory@verdadoil.com

Print Name: Heather Mitchell Title: Regulatory Manager

Based on the information provided herein, this Oil and Gas Location Assessment complies with COGCC Rules, applicable orders, and SB 19-181 and is hereby approved.

COGCC Approved: _____ Director of COGCC Date: 3/16/2020

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

Drilling/Completion Operations	This Form 2A has been approved prior to approval of the Wellbore Spacing Units (WSU). If the final agency action is denial of the WSU then the operator shall abandon this Oil and Gas Location by submitting a Form 4 Sundry within 45 days of the agency denial; however, if Location construction has commenced, then the Location will be immediately subject to final reclamation.
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Best Management Practices

No BMP/COA Type

Description

1 Planning	Verdad submitted 1041WOGLA19-0025 with Weld county on February 3, 2020 that addresses site safety and contains an emergency action and tactical response plan. Each location is assigned a physical address for emergency responders to locate the site in the event of an emergency.
2 General Housekeeping	Cleanup of trash, scrap, and discarded materials will be conducted at the end of each workday.
3 General Housekeeping	Mud control: Operator will implement effective vehicle tracking control, such as a properly sized cattle guard or 2-inch to 4-inch stone at the location egress to prevent transport of sediment offsite and onto the public road during all phases of operations.
4 Storm Water/Erosion Control	Control measures for stormwater will be implemented around the perimeter of the pad prior to construction. The storm water and erosion control measures will include: a diversion ditch and berm around the perimeter of the pad disturbance, with a culvert at the access road, two sediment traps with armored inlets and outlets at the northwest and southwest corners of the pad, wattles at the sediment trap outlets to slow the departure of the water, as well as a crop vegetative buffer over 200 feet to the North and over 1000 feet to the Northwest, the most likely directions of flow from the sediment trap outlets. These control measures will remain in place and be maintained throughout operations until final reclamation and be modified as appropriate to observations during Stormwater inspections. The control measures described and the local natural gradient will direct stormwater flow to the Northwest and North, away from the intermittent drainage low spot or pond 335 feet from the east of the pad. Inspections will occur every 14 days during construction, drilling and completions, and once per month after that, until interim reclamation is completely established (approximately 2 years). Once per year after that until facility abandoned.

5	Material Handling and Spill Prevention	During drilling operations, we anticipate 4-5 loads, @ 20 yards per load, of cuttings per day will be transported off-site to an approved disposal facility in accordance with Operator's waste management plan. All loads leaving the location will have a manifest and will be documented. Water-based and Oil-based cuttings will be disposed of offsite and at a licensed, commercial disposal site. No cuttings will be stored on location.
6	Material Handling and Spill Prevention	During drilling operations 12 inches of cement is placed under the rig surrounded by a compacted soil berm to prevent any soil contamination. Drilling mud is stored in large volume tanks that will be surrounded by impervious secondary containment
7	Material Handling and Spill Prevention	Separators are encompassed by steel berms and on road base that is approximately 1 -2 feet thick. Sites are visited daily so a spill would be detected and cleaned up before any significant infiltration could occur. The berms would contain a spill from leaving the area around the separators.
8	Material Handling and Spill Prevention	Tank secondary containment will be impervious lined (either poly or spray in liner) steel berms with capacity >150% volume of the largest tank. Pad will also have tertiary containment of ditch and berm to prevent any spills from leaving site. All spills will be immediately cleaned up and will be reported if the volume meets the reporting limit.
9	Material Handling and Spill Prevention	Verdad wells have remote monitoring and shut-in capabilities to mitigate spills and safety issues. Remote shut-in will allow Verdad to immediately shut a well in, in the event of a reported problem on location or in the event of a potential threat such as a grass fire or flood.
10	Dust control	To prevent dust from becoming a nuisance to the public, water trucks will be utilized to spread water across any dust problem areas.
11	Construction	MLVT Size is 120'DX14'H and the volume is 25,000 BBLs. Vendor/Manufacture will be Select Energy Services. It will be on location for 45 days during completion operations. Verdad will follow the COGCC guidance policy dated June 13, 2014 on the use of MLVTs.
12	Noise mitigation	Operator will consult with owners of residents and occupied structures and other stakeholders to reduce the impact of noise and light during drilling and completion operations. The direction of prevailing winds is considered when planning the location in order to mitigate odor and noise from being a nuisance to the surrounding residents and occupied structures. In order to minimize sound levels during drilling operations at nearby residences, rig generators will be located as far as possible from the residence by rig orientation. Rig lighting will also be directed away from residential units. A 32 foot sound wall will be constructed on the west side of the location and the utilization of quiet frac/auxiliary equipment will be constructed and utilized to dampen noise in the direction of residential units.
13	Emissions mitigation	To reduce odors during drilling and completion, the rig will be washed of oily debris before moving in. D822 is our base fluid which is a distillate and has the benefits of lower BTEX levels and is recognized as having lower odor than traditional oil based mud. We will utilize drying shakers or vertical dryers which will minimize residual oil on cuttings prior to transport and will promptly remove 4-5 loads of cuttings per day during drilling operations which should help to reduce odors.
14	Emissions mitigation	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
15	Emissions mitigation	AVO (Audio, Visual, Olfactory) inspections of pipe and connections will be performed daily on production equipment to detect leaks which will be immediately corrected, repaired and reported to COGCC as required.

Total: 15 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2479209	CORRESPONDENCE
2479224	CORRESPONDENCE
2479240	OBJECTIVE CRITERIA REVIEW MEMO
402216196	FORM 2A RESUBMITTED
402265830	FORM 2A REJECTED
402267006	MULTI-WELL PLAN
402267007	ACCESS ROAD MAP
402267010	HYDROLOGY MAP
402267011	LOCATION DRAWING
402267013	LOCATION PICTURES
402267018	NRCS MAP UNIT DESC
402267021	WASTE MANAGEMENT PLAN
402267026	SURFACE AGRMT/SURETY

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	Objective Criteria Memo document number updated. The in process comment on 3/4/2020 is updated.	03/16/2020
Final Review	Final Approval PENDING - referred to OGLA and Permitting staff for follow up.	03/13/2020
OGLA	Final Review Complete.	03/13/2020
OGLA	IN PROCESS – received requested information from Operator on 3/4/2020; COGCC review will resume and be conducted within 60 days (by 5/3/2020). The following requested items were updated with operator concurrence via phone: 1, 2) Distances to property line were verified. 3) Land Use changed from irrigated to dry. 4) Depth to groundwater revised. 5) Sensitive area (water) determination basis updated. 6, 7, 8 & 9) BMPs updated	03/04/2020

OGLA	<p>ON HOLD: This application has been reviewed by COGCC staff and cannot be approved based on the information submitted; therefore, the COGCC is placing this form ON HOLD until additional information is received from the applicant.</p> <p>In compliance with § 24-65.1-108(1), C.R.S., the COGCC is providing this written request for all additional information necessary for the COGCC to respond to this application. The applicant may provide all requested additional information to COGCC via email. Upon receipt of all requested information, the COGCC will have 60 days in which to approve, deny, or request all additional information necessary to complete the regulatory review. If the applicant no longer requires this application be approved, the applicant may request to withdraw the application.</p> <p>In addition to all standard required information and attachments, the COGCC hereby confirms the following information is necessary for review:</p> <ol style="list-style-type: none"> 1) Verify that the distance to the nearest Property Line from the well is 226 feet and not 217 feet as reported to the nearest Public Road. 2) Verify that the distance to the nearest Property Line from the production facility is 54 feet and not 43 feet as reported to the nearest Public Road. <ul style="list-style-type: none"> - In the event the Public Road is the Property Line, the Location Drawing needs to be updated and replaced. 3) Verify that the Land Use is, in fact, Irrigated Crop Land as there are no indications of irrigation within proximity to the proposed Location. 4) Total depth of the water well is reported as the Estimated Depth to Groundwater and is technically incorrect. Revisit the Estimated Depth to Groundwater. 5) Provide a statement for the Basis of why the proposed Location lies within a Sensitive Area for water resources, to be included in the water resources tab. This statement should discuss depth to groundwater and proximity to surface water. 6) BMP #1 states that a WOGLA will be submitted. Please change the BMP language to reflect the submittal. 7) BMP #3 states that "Appropriate vehicle tracking control, such as a properly sized cattle guard or 2-inch to 4-inch stone, will still be required during production operations." This does not clearly dictate whether the Operator will install the structural BMP. The BMP also seems to indicate that the vehicle tracking might be temporary or permanent, this needs to be clarified. 8) BMP #4 – Please separate this sentence into shorter, more concise statements: "The control measures will include: a diversion ditch and berm around the perimeter of the pad disturbance, to keep stormwater from flowing off the pad, with a culvert at the access road to allow stormwater to flow freely around the pad to sediment removal control measures; two sediment traps with armored inlets and outlets at the northwest and southwest corners of the pad to detain stormwater runoff from the pad and allow sediment to settle from the stormwater; and wattles at the sediment trap outlets to slow the departure of the water from the sediment trap and further remove any remaining sediment from the stormwater as well as a crop vegetative buffer over 200 feet to the North and over 1000 feet to the Northwest, the most likely directions of flow from the sediment trap outlets." 9) BMP #12 – Verify what type of noise mitigation will be used, sound walls or hay bales. 	03/02/2020
OGLA	<p>Final Review Task set to PENDING.</p> <p>Form 2A is being placed back ON HOLD for the following:</p> <ol style="list-style-type: none"> 1) Verify that the Land Use is, in fact, Irrigated Crop Land as there are no indications of irrigation within proximity to the proposed Location. 2) Total depth of the water well is reported as the Estimated Depth to Groundwater and is technically incorrect. Revisit the Estimated Depth to Groundwater. 3) Provide a statement for the Basis of why the proposed Location lies within a Sensitive Area for water resources. 4) BMP #1 states that a WOGLA will be submitted. The Local Government Information and the Submit Tab information indicates that the WOGLA has been submitted. Verify the status of the WOGLA submittal. 5) BMP #3 states that "Appropriate vehicle tracking control, such as a properly sized cattle guard or 2-inch to 4-inch stone, will still be required during production operations." This does not clearly dictate whether the Operator will install the structural BMP. 6) BMP #12 – Verify what type of noise mitigation will be used, sound walls or haybales. 	03/02/2020
OGLA	<p>The Objective Criteria Review Memo (Doc#2479240) is attached to this Form 2A. Following additional analysis arising out of the Objective Criteria, the Director determined that this application meets the standard for the protection of public health, safety, welfare, the environment and wildlife resources set by SB 19-181.</p>	02/25/2020
OGLA	<p>Per phone conversation, WOGLA was submitted on 2/3/2020. Verbal concurrence was</p>	02/13/2020

	given to change separator secondary containment BMP.	
OGLA	Per communication from operator: Cureton will have a gas line to the location and Black Diamond will have an oil line to the location.	02/12/2020
OGLA	COGCC staff conducted its technical review of this Form 2A Oil and Gas Location Assessment within the context of SB 19-181 and the required Objective Criteria. This Form 2A met Objective Criteria # 5.c.	02/12/2020
OGLA	Received concurrence to remove landowner name from water well reference, operator provided an expanded comment on the oil pipeline, remote monitoring capacity on system BMP expanded. Awaiting sound mitigation BMP update. Received sound mitigation BMP update from operator.	02/12/2020
OGLA	Requested from operator concurrence to remove landowner name from water well reference, an expanded comment on the oil pipeline, information about spoil pile and sound control on west side of location, and remote monitoring capacity on system.	02/10/2020
Permit	Permit review complete.	01/31/2020
OGLA	Information received from operator reviewed and updated with operator concurrence includes: Updated WOGLA number and comment, related forms updated, BMPs 4,7,8 updated. Information provided that there are gas and oil sales lines planned for this location.	01/27/2020
OGLA	IN PROCESS - received requested information from Operator on 1/24/2020; COGCC review will resume and be conducted within 60 days (by 3/24/2020)	01/24/2020
OGLA	<p>ON HOLD: This application has been reviewed by COGCC staff and cannot be approved based on the information submitted; therefore, the COGCC is placing this form ON HOLD until additional information is received from the applicant.</p> <p>In compliance with § 24-65.1-108(1), C.R.S., the COGCC is providing this written request for all additional information necessary for the COGCC to respond to this application. The applicant may provide all requested additional information to COGCC via email. Upon receipt of all requested information, the COGCC will have 60 days in which to approve, deny, or request all additional information necessary to complete the regulatory review. If the applicant no longer requires this application be approved, the applicant may request to withdraw the application.</p> <p>In addition to all standard required information and attachments, the COGCC hereby confirms the following information is necessary for review:</p> <ol style="list-style-type: none"> 1. Local Government Information. An approved WOGLA is listed in the comments, but the other sections indicate otherwise. Please provide clarification and concurrence to change. 2. Please add the WOGLA number to the Form 2s prior to submittal. 3. Operator Comments and Submittal. Submittal comment states WOGLA has not been submitted. Approved WOGLA number is in Local Government information. Please provide clarification and concurrence to change. 4. The wells in related forms are missing. Please provide. 5. Pertaining to Objective Criteria #1: Provide a description of any outreach and communication with all resident within 2,000 feet of the Location, and any response received. 6. BMPs. <ul style="list-style-type: none"> a. BMP #4, stormwater. Request concurrence to remove first sentence of BMP. Request concurrence to add "Inspections will occur" at the beginning of the inspections portion of the BMP. b. BMP #7, separator secondary containment. Clarify and concurrence to change that the separators are on roadbase that is approximately 1-2 feet thick, not surrounded by it. c. BMP #8, tank secondary containment. Please provide an expanded BMP, including information such as berm material/construction and amount of containment. 	01/23/2020
OGLA	This Form has passed completeness.	12/23/2019
OGLA (Rejected)	This application has been reviewed by COGCC staff and cannot be approved based on the information submitted; therefore, the COGCC is rejecting this application consistent with the Rejection Process – Form 2 and 2A (May 21, 2019) posted in the Form 2 and Form 2A Instructions section of our website. In compliance with § 24-65.1-108(1), C.R.S., the COGCC is returning this application to the applicant to remedy the deficiencies. The applicant may resubmit this application for COGCC review; upon determination of completeness for any resubmitted application, the COGCC will have 60 days in which to approve, deny, or request all additional information necessary to complete the regulatory review.	12/17/2019

	<p>In addition to all standard required information and attachments, the COGCC hereby confirms the following information is necessary prior to determination of completeness:</p> <ol style="list-style-type: none"> 1.Location Drawing update. The disturbed area in the Location Drawing does not include the area disturbed by the spoil pile. The equipment on the Location Drawing does not match the equipment listed in the Facilities section of the Form 2A. The name on the Location Drawing does not match the name on the Form 2A. 2.Multi-Well Plan update. Two separate Multi-Well Plans were submitted for the location, each covering four of the wells. These will need to be combined into one Multi-Well Plan, showing all of the wells. Check naming convention for consistency with Form 2A. 3.Location Pictures. The name on the Location Pictures does not match the Form 2A. 4.Hydrology Map. The name on the Hydrology Map does not match the Form 2A. 5.Operator Contact and Submitter email addresses are incorrect. 6.Pipeline descriptions. The discussion of pipelines only covers four of the wells on location. 7.Size of disturbed area during construction in acres. The size listed on the Form 2A does not include the spoil pile on location. 8.Depth to water. For water wells in this area, wells drawing from the Laramie-Foxhills aquifer will not be representative of depth to water. New sources for determining depth to water will be needed. 	
LGD	<p>This proposed oil and gas location is situated in the Agricultural Zone District of unincorporated Weld County. A 1041 Weld Oil and Gas Location Assessment (WOGLA) is required prior to constructing any improvements related to oil and gas exploration and production.</p> <p>The operator HAS notified the Weld County LGD of their intent to apply for a WOGLA, but HAS NOT submitted an application as of this comment. 1041WOGLA19-0025 has been assigned to this location, and any files associated with this location are viewable online under Weld County's E-Permit Center.</p> <p>A building permit is required for the production facilities (tank battery, separators, pump jacks, compressors, generators, etc.) from the Department of Planning Services. Access points from County roads require an Access Permit from the Department of Public Works, which includes any necessary traffic control plans and Improvement Agreements. The use of County right-of-way requires a permit from the Department of Public Works.</p> <p>Jason Maxey, Director - Oil Gas Energy Department and LGD 970-400-3580</p>	12/16/2019
OGLA	Begin OGLA technical review.	12/09/2019
OGLA	Completeness - Passed	12/03/2019

Total: 21 comment(s)