

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:

401229944

Date Received:

03/30/2017

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:

**451781**

Expiration Date:

**08/17/2020**

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: 47120

Name: KERR MCGEE OIL & GAS ONSHORE LP

Address: P O BOX 173779

City: DENVER    State: CO    Zip: 80217-3779

Contact Information

Name: Cheryl Light

Phone: (720) 929 6461

Fax: (720) 929 7907

email: Cheryl.Light@anadarko.com

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20010124     Gas Facility Surety ID: \_\_\_\_\_

Waste Management Surety ID: \_\_\_\_\_

LOCATION IDENTIFICATION

Name: BURROUGH

Number: 27C-17HZ

County: WELD

Quarter: SESE    Section: 17    Township: 1N    Range: 66W    Meridian: 6    Ground Elevation: 4976

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: 775 feet FSL from North or South section line

998 feet FEL from East or West section line

Latitude: 40.046171    Longitude: -104.795083

PDOP Reading: 1.9    Date of Measurement: 03/31/2016

Instrument Operator's Name: ROB WILSON



## 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:

Please see Comments section. Disposal description will not fit in space provided.

Beneficial reuse or land application plan submitted? Yes

Reuse Facility ID: \_\_\_\_\_ or Document Number: \_\_\_\_\_

Centralized E&P Waste Management Facility ID, if applicable: 149021

## SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: KEN BROUGH

Phone: 303-913-6812

Address: 13767 CR 8

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

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

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

City: FT LUPTON State: CO Zip: 80621

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 12/19/2016

## 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.

	<b>From WELL</b>	<b>From PRODUCTION FACILITY</b>
Building:	331 Feet	419 Feet
Building Unit:	573 Feet	581 Feet
High Occupancy Building Unit:	5280 Feet	5280 Feet
Designated Outside Activity Area:	5280 Feet	5280 Feet
Public Road:	775 Feet	571 Feet
Above Ground Utility:	253 Feet	512 Feet
Railroad:	3550 Feet	3809 Feet
Property Line:	240 Feet	290 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: 01/19/2017

**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.

Please see siting rationale and map attached.

**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: 48—Olney fine sandy loam, 3 to 5 percent slopes  
 NRCS Map Unit Name: 47—Olney fine sandy 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: 0 Feet

water well: 202 Feet

Estimated depth to ground water at Oil and Gas Location 52 Feet

Basis for depth to groundwater and sensitive area determination:

Nearest Surface Water Features:

Wetland: 0' SE Elev: 4976'

Ditch: 35' W Elev: 4966'

Pond: 99' S Elev: 4968'

Pond: 111' S Elev: 4971'

Wetland: 147' SSE Elev: 4974'

Ditch: 185' ENE Elev: 4990'

Ditch: 324' ENE Elev: 4995'

Pond: 384' E Elev: 4980

Ditch: 484' S Elev: 4971'

Ditch: 529' S Elev: 4965'

Loc Elev: 4976'

Nearest water wells:

202' NW, Permit 79088, depth unknown, Static Water Level unknown, Elev 4969'

1679' WSW, Permit 160578, depth 220', Static Water Level 22', Elev 4946'

Sensitive Area Determination: SENSITIVE AREA, downgradient surface water feature within 1,000'

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: No

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 right to construct this Oil and Gas Location is granted by an oil and gas lease and an executed Surface Use Agreement has been attached only as a matter of record. KMG is under contract to begin construction and is hereby granted an additional 12 months to complete the project under 2012 NW Permit.

The stakeholder to the NW (~275' & ~570') of the location reached out to KMG during the NICO period and we discussed mitigation plans. Our team did not hear from any other BU owners during the NICO period, but we proactively reached out to the homeowner to the N (~260') to discuss operations. We also tried to contact the building unit owners to the NE (~550') and the S (~380') but could not get a hold of them. We will continue to work with these homeowners going forward.

Currently, KMG has 10 types of crews that could be utilized to drill and complete the wells. Depending on the operation, KMG will often use drilling rigs that have been modified with additional mufflers, enclosures, sound baffles and/or sound insulation to help reduce the sound impacts of the drilling rig. Similar modifications have been utilized for select completions crews as well. Not all rigs and completions crews are the same and not all include these features. Kerr-McGee will evaluate the most effective method for this location prior to commencement of operations.

Drilling fluids disposal: KMG will reuse water-based drilling fluids to the maximum extent possible, at which point they will either be land applied or taken to a licensed, commercial disposal site; the decision will be based upon laboratory analysis of fluids. KMG will reuse oil-based drilling fluids to the maximum extent possible, at which point they will be returned to the fluids manufacturer for reconditioning or disposal at a licensed, commercial disposal site.

Cuttings disposal: Water-based cuttings will be disposed of using a Centralized E&P Waste Management facility or a private spread field, depending on what is feasible at the time of drilling. Oil-based cuttings will be disposed of offsite and at a licensed, commercial disposal site.

Pipelines: Buried pipelines will be utilized to gather the gas and oil product from the location (3 gas pipelines, 1 oil pipeline). Both gas and oil pipelines will be constructed from steel of suitable wall thickness and material grade to meet the respective gathering systems design pressure. Gas pipelines will range in diameter from 4" to 20"; oil pipelines from 4" to 12". Capacity of pipelines will vary based on diameter. Pipelines will begin at the location and terminate at larger trunk lines in the area. Temporary above ground polyethylene water pipelines (diameter 10" – 12" with a 60 BPM capacity) will deliver water to location operations from larger trunk lines.

Flow Lines: 10 flow lines will flow to the production facility location. During production, flow direction in the flow lines is from the well head to the production facility. The size of flow lines is typically 2". Flow lines will be constructed from steel pipe, buried, and will equal the distance between the well heads and the tank battery, approximately 150'.

10 fuel gas supply lines will also be installed from the well head to the production facility. During operation flow direction in the supply lines will be from the production facility to the well head. The size of the supply lines is typically 1". Supply lines will be constructed from poly or steel pipe, buried, and will equal the distance between the well heads and the tank battery, approximately 150'.

Gas lift lines are also occasionally installed (one per well) from the well head to the production facility. During operation flow direction in the gas lift lines will be from the production facility to the well head. The size of the gas lift lines is typically 2". Gas lift lines will be constructed from steel pipe, buried, and will equal the distance between the well heads and the tank battery, approximately 150'.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.  
 Signed: \_\_\_\_\_ Date: 03/30/2017 Email: DJREGULATORY@ANADARKO.COM

Print Name: SHAYELYN MARSHALL 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: 8/18/2017

## 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	604c.(2).E. Multi-Well Pads: In order to reduce surface impact, this application is for a 10-well pad.
2	Planning	604c.(2).Q. Guy Line Anchors: Guy line anchors will not be used. Base Beams will be used to stabilize the rig and removed after drilling.
3	Planning	604c.(2).R. Tank Specifications: A geosynthetic liner will be laid under the tanks on this location and a steel containment will be constructed. Storage tanks will be designed, constructed and maintained in accordance with National Fire Protection Association (NFPA) Code 30 (2008 version). KMG will maintain written records to verify proper design, construction and maintenance. All records will be available for inspection by the Director.
4	Planning	604c.(2).R. Tank Specifications: Two 500 barrel skid-mounted frac tanks will be temporarily placed on-site for use of the pre-spud rig only. One tank will store water and the other will store water based mud.
5	Planning	604c.(2).S. Access Roads: KMG will utilize a lease access road from CR 8 for drilling, completions, and production operations, including maintenance equipment. The road will be properly constructed and maintained to accommodate for local emergency vehicle access.
6	Planning	604c.(2).V. Development From Existing Well Pads: Drilling from an existing well pad was not feasible for the development of the wells on this proposed oil and gas location; however, this well pad will be considered for future well locations.
7	Community Outreach and Notification	<p>305.a.(2) A Notice of Intent to Conduct Operations was sent to each building unit owner within the Exception Zone or Buffer Zone Setback. Recipients did contact KMG regarding traffic and noise. All concerns and questions were addressed.</p> <p>As a part of planning this proposed location, Kerr-McGee held multi-disciplinary Surface Impact Planning Meetings regarding the impacts and mitigations associated with this proposed location. The toll-free hotline number and email for the Anadarko Colorado Response Line will be posted at the entrance to the lease access road for stakeholders during drilling and completion operations at this proposed location. Courtesy Notifications will be sent to impacted stakeholders prior to drilling operations and again prior to completions operations, providing contact information for the Anadarko Colorado Response Line and online resources.</p>
8	Traffic control	<p>604c.(2).D. Traffic Plan: Prior to the commencement of operations, the operator will obtain access and ROW permits per County and/or Municipal Code and implement COAs or traffic control plans as required. KMG met with the City of Ft Lupton LGD on the morning of 3/30/17 to discuss traffic impacts and will be working through the WOGLA process.</p> <p>KMG currently plans to use the water-on-demand system on this location which is a network of over 140 miles of underground pipeline that stretches the length of the 20-mile by 30-mile field to source and transport water to completions crews. This system eliminates more than 2,000 truck trips per day, also reducing associated concerns of traffic, noise, emissions and dust.</p>
9	General Housekeeping	604c.(2).O. Loadlines: All loadlines shall be bullplugged or capped.

10	General Housekeeping	604c.(2).P. Removal of Surface Trash: A commercial size trash bin for removing debris will be located on site. This bin will be for use by all parties affiliated with the operation. Upon completion of operations, the commercial trash bin will be removed from the location and disposed of in an appropriate manner.
11	Storm Water/Erosion Control	604c.(2).G. Berm Construction: Kerr-McGee will create tertiary containment by construction of a berm or diversion dike, site grading, or other comparable measures sufficient to further protect the wetlands (located 0' SE and 147' SSE), the ditches (located 35' W, 185' ENE, 324' ENE, 484' S and 529' S) and the ponds (located 99' S, 111' S and 384' E) surrounding this proposed oil and gas location.
12	Storm Water/Erosion Control	604c.(2).W. Site-Specific Measures: KMG maintains a Storm Water Management Plan that assesses erosion control for every KMG operated location. This location will be added to this plan once construction begins. This site will be inspected every fourteen (14) days during construction activities, every twenty-eight (28) days after construction is completed, and after any major weather event.
13	Material Handling and Spill Prevention	604c.(2).F. Leak Detection Plan: Automation technology will be utilized at this facility. This technology includes the use of fluid level monitoring for the tanks and produced water sumps, high-level shut offs, and electronic sensors to monitor the interstitial space of double-walled produced water sumps. All automation is monitored by Kerr-McGee's Integrated Operations Center (IOC), which is manned 24 hours per day, 7 days per week.
14	Material Handling and Spill Prevention	604c.(2).N. Control of Fire Hazards: KMG and its contractors will employ best management practices during the drilling and production of its wells and facilities and will comply with appropriate COGCC rules concerning safety and fire. KMG will ensure that any material that might be deemed a fire hazard will remain no less than twenty-five (25) feet from the wellhead(s), tanks and separator(s).
15	Dust control	805.c. Dust: Water will be placed on dirt access roads to mitigate dust as needed. If feasible, magnesium chloride will also be used as needed on access roads to further abate dust.
16	Construction	604c.(2).G. Berm Construction: A geosynthetic liner will be laid under the tanks on this location and a metal containment will be constructed. Berms or other secondary containment devices will be constructed around crude oil, condensate, and produced water storage tanks and shall enclose an area sufficient to contain and provide secondary containment for 150% of the largest single tank. Berms and other secondary containment devices shall be inspected at scheduled intervals and maintained in good condition
17	Construction	604c.(2).M. Fencing Requirements: The completed wellsites will be surrounded with a fence and gate with adequate lock to restrict access to authorized personnel only. KMG personnel will monitor the wellsites regularly upon completion of the wells. Authorized representatives and/or KMG personnel shall be on-site during drilling and completion operations.

18	Noise mitigation	<p>604c.(2).A. Noise</p> <p>Drilling: Sound surveys have been conducted on each rig type and are utilized to anticipate any additional effective noise mitigation once a drilling rig is determined. During drilling operations, at a minimum, and pending a safety review after construction of the location, sound mitigation barriers (straw bales) will be placed along the North side in order to mitigate the building unit ~260' North and building units ~275' and ~570' to the North West. There will also be sound mitigation barriers (straw bales) on the North East corner in order to mitigate the building unit ~550' to the North East and on the South side to mitigate the building units ~380', ~450' and ~900' to the South.</p> <p>Completions: During completion operations, at a minimum, and pending a safety review after construction of the location, sound mitigation barriers (straw bales) will be placed along the North side in order to mitigate the building unit ~260' North and building units ~275' and ~570' to the North West. There will also be sound mitigation barriers (straw bales) on the North East corner in order to mitigate the building unit ~550' to the North East and on the South side to mitigate the building units ~380', ~450' and ~900' to the South. LED lights will be used during completion operations.</p> <p>Should technological advancements allow for better noise mitigation at the time of drilling and completion operations on this location, Kerr-McGee will re-evaluate the most effective method at that time.</p>
19	Drilling/Completion Operations	<p>604c.(2).B. Closed Loop Drilling System: KMG will use a closed loop or "pitless" system for drilling and fluid management and will not construct a reserve pit.</p>
20	Drilling/Completion Operations	<p>604c.(2).C. Green Completions: Temporary above ground polyethylene water pipelines will deliver water to location operations from larger trunk lines to reduce truck traffic and minimize air pollution. Pipeline infrastructure is in place prior to completions operations to ensure saleable gas, once hydrocarbons are cut, is sent directly to sales without flaring during flowback.</p> <p>Environmental Control Devices or Volatile Organic Compound (VOC) Combustors will be used to control working and breathing vapor losses for oil and water tanks.</p>
21	Final Reclamation	<p>604c.(2).T. Well Site Cleared: The wellsite will be cleared of all non-essential equipment within ninety (90) days after all wells associated with the pad have been plugged and abandoned.</p>
22	Final Reclamation	<p>604c.(2).U. Identification of Plugged and Abandoned Wells: Pursuant to rule 319.a.(5)., once the well has been plugged and abandoned, KMG will identify the location of the wellbore with a permanent monument that will detail the well name and date of plugging.</p>

Total: 22 comment(s)

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2316135	LOCATION DRAWING REVISED
2316136	FACILITY DRAWING REVISED
2316137	ACCESS ROAD MAP REVISED
2316138	OTHER
2316144	HYDROLOGY MAP REVISED
2316145	LOCATION PICTURES REVISED
2316146	SITING RATIONALE REVISED
2316147	CORRESPONDENCE
401229944	FORM 2A SUBMITTED
401232410	LOCATION DRAWING
401232413	WELL LOCATION PLAT
401232421	HYDROLOGY MAP
401232438	NRCS MAP UNIT DESC
401232439	SURFACE AGRMT/SURETY
401232447	FACILITY LAYOUT DRAWING
401232449	PRE-APPLICATION NOTIFICATION CERTIFICATION
401232451	LOCATION PICTURES
401232467	MULTI-WELL PLAN
401232468	ACCESS ROAD MAP
401232469	WASTE MANAGEMENT PLAN
401239271	SECTION 404 PERMIT
401247595	SITING RATIONALE

Total Attach: 22 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed.	08/18/2017
OGLA	Updated the date of construction to 9/6/2017 from 06/2017 and intermim reclamation to 6/10/2018. Updated disturance size to 9.1 from 7.0 acres and interim reclamation to 2.53 from 2.6 acres. Unchecked the exception zone box with Operator concurrence. All people in buffer zone received a new notice with a new map regarding the relocation.	08/18/2017
OGLA	Based on the information provided by the Operator, COGCC has determined that this proposed Oil and Gas Location meets the requirements for conditional approval based on compliance with COGCC Rules, including, but not limited to; Rule 604 Series Setback and Mitigation Measures. The Operator has presented a siting rationale for the Production Facilities in the Buffer Zone and Best Management Practices that adequately address site specific environmental, health, safety and welfare concerns. No public commnets were made on the 2A. Operator has communicated with neighboring building unit owners. OGLA review complete and task passed.	08/18/2017

OGLA	OGLA: Operator conducted an alternative analysis for the location and found alternative #4 was outside the exception zone. The Operator went back to the surface owner to renegotiate the production location and was able to relocate the production to the east side of the wells, moving production out of the exception zone and into the buffer zone. Original drawings are left attached. The location pictures (doc no 401232451) depicts the pictures of the wells as well as the original placement of the facility. Location pictures under document 2316145 are for the relocated production facility. The original facility layout drawing (doc no 401232447), page 2 has the detailed drawing of the production for distances and equipment, which did not change. The location of the production facility for the layout to wells and placement is depicted on the revised facility layout drawing (doc no 2316136). The hydrology map and location drawing have also been revised (doc no 2316144 and 2316135 respectively). Correspondence of communication between OGCC and the Operator is attached as doc no 2316147. Attachment as "other" (doc no 2316135=8) is cultural distances from each well and the edge of disturbance. The distances on the 2A are the nearest well and nearest equipment to the cultural feature.	08/17/2017
OGLA	COGCC met with the Operator on 7/25/2017 to discuss alternate locations for production outside the exception zone. Operator was going to talk to the surface owner regarding the production location. Operator corresponded via email on 8/4/2017 with a draft outline for moving the production outside the exception zone. Operator sent a revised location drawing, facility layout drawing, access road, and cultural distances attachments. OGCC staff replaced the drawings and added the cultural distances attachments to the Form 2A and updated the cultural distances from production on the 2A. Waiting for updated location pictures and hydrology map. Operator provided pictures, hydrology map, and revised siting rationale on 8/15/2017 (attached).	08/14/2017
OGLA	OGLA staff conducted a drive by inspection of the location to observe proposed area as well as alternative locations.	06/27/2017
OGLA	Operator sent 306.e. certificaton. OGLA sent an email requesting information on other potetnl locations for the production and communication regarding shared drive way. Sent the Operator a 500-foot buffer map asking for information on the driveway and why produciton cannot be outside the 500' area.  Operator responded with " You are correct. The access route is an existing road (driveway) that we plan on expanding to allow for two way traffic. We have called the Keberlein's several times but have not been able to get ahold of them. Our surface land team plans to visit their home, in the near future, to discuss the access road in more detail. Also, KMG plans on using the Water On Demand system for this pad which will significantly reduce truck traffic.  We had to place the facility north of the well pad due to subsurface drilling limitations (very large back builds that are not feasible). We oriented the separators to be on the far side of the facility in order to be as far away from the houses to the north as possible. In addition to the mitigation listed on the permit, existing trees provide visual mitigation to the production facility." Request updated siting ratioanle and if there has been communication with the person who's driveway will be used as an access road.	06/02/2017
Permit	Permitting Review Complete.	05/19/2017
OGLA	Emailed operator regarding siting in an exception zone and aces road to neighboring building units.	04/27/2017
Permit	Passes completeness.	04/11/2017
OGLA	Passed Buffer Zone completeness review.	04/10/2017
Permit	Notified OGLA for Buffer Zone review	03/31/2017

Total: 12 comment(s)