

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:

401344063

Date Received:

08/29/2017

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:

452820

Expiration Date:

10/30/2020

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: Nathan Bennett
 Phone: (720) 929-3159
 Fax: (832) 636-0481
 email: nathan.bennett@anadarko.com

RECLAMATION FINANCIAL ASSURANCE

- Plugging and Abandonment Bond Surety ID: 20010124 Gas Facility Surety ID: _____
- Waste Management Surety ID: _____

LOCATION IDENTIFICATION

Name: HERGENREDER Number: 22N2-4HZ
 County: WELD
 Quarter: NWNW Section: 33 Township: 3N Range: 68W Meridian: 6 Ground Elevation: 4943

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: 276 feet FNL from North or South section line
998 feet FWL from East or West section line

Latitude: 40.188679 Longitude: -105.013774

PDOP Reading: 1.4 Date of Measurement: 02/21/2017

Instrument Operator's Name: Rob Wilson

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

449894

FACILITIES

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

Wells	<u>7</u>	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	<u>7</u>	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

TEMP 500 Bbl Tanks	<u>2</u>
PIPELINES	<u>21</u>

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

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

Two (2) 500 barrel skid-mounted frac tanks will be temporarily placed onsite for use of the pre-spud rig only. One tank will store water and the other tank will store water-based mud.

Please see Comments section for flowline description.

CONSTRUCTION

Date planned to commence construction: 11/20/2017 Size of disturbed area during construction in acres: 7.00

Estimated date that interim reclamation will begin: 05/15/2018 Size of location after interim reclamation in acres: 0.70

Estimated post-construction ground elevation: 4943

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:

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: HERGENREDER SOUTH 200, LL

Phone: _____

Address: 2130 County Road 28

Fax: _____

Address: _____

Email: _____

City: Longmont State: CO Zip: 80504

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 06/01/2017

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:	507 Feet	_____ Feet
Building Unit:	706 Feet	_____ Feet
High Occupancy Building Unit:	4623 Feet	_____ Feet
Designated Outside Activity Area:	5280 Feet	_____ Feet
Public Road:	219 Feet	_____ Feet
Above Ground Utility:	202 Feet	_____ Feet
Railroad:	470 Feet	_____ Feet
Property Line:	162 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

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: 07/13/2017

- 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.

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.

There are no production facilities associated with this location. The seven (7) wells located on this location will produce into existing production facilities located on Location Id #449894 which has been previously approved by the Commission.

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: 16 - Colby, loam, 3 to 5 percent slopes

NRCS Map Unit Name: 82 - Wiley-Colby complex, 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: 998 Feet

Estimated depth to ground water at Oil and Gas Location 21 Feet

Basis for depth to groundwater and sensitive area determination:

Nearest surface water features:

Ditch: 0' N Elev: 4941'

Man-Made Pond: 485' W Elev: 4944'

Ditch: 770' W Elev: 4955'

Loc Elev: 4943'

Nearest water wells:

998' NE, Permit 52042-MH, depth 20', Static Water Level unknown, Elev 4933'

3031' NNE, Permit 61269-, depth 77', Static Water Level 26', Elev 4948'

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

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: If the surface owner authorizes, and if it is feasible for this location at the time of drilling, water-based cuttings will be disposed of onsite using bioremediation/solidification product. If the surface owner does not authorize onsite disposal and/or it is not feasible for this location at the time of drilling, water-based cuttings will be disposed of using a Centralized E&P Waste Management facility or a private spread field. 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.

Flowlines: Seven (7) flowlines will flow to the production facility location. During production, flow direction in the flowlines is from the wellhead to the production facility. The size of flowlines is typically 2". Flowlines will be constructed from steel pipe, buried, and will equal the distance between the wellheads and the tank battery, approximately 2200'.

Fuel Gas Supply Lines: Seven (7) fuel gas supply lines will also be installed from the wellhead to the production facility. During operation, flow direction in the supply lines will be from the production facility to the wellhead. 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 wellheads and the tank battery, approximately 2200'.

Gas Lift Lines: Gas lift lines are also occasionally installed (one per well) from the wellhead to the production facility. During operation flow direction in the gas lift lines will be from the production facility to the wellhead. 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 wellheads and the tank battery, approximately 2200'.

Irrigation Ditch: Existing access into the well pad be improved as necessary to ensure the ditch continues to function as designed. Per 604c.(2).G., KMG will construct a berm or diversion dike, site grading, or other comparable measures sufficient to further protect the ditch located 0' North of this proposed oil and gas location. The existing ditch will not be encroached upon; separation between the ditch and the northern edge of disturbance will be maintained.

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

Signed: _____ Date: 08/29/2017 Email: DJRegulatory@anadarko.com

Print Name: Nathan S. Bennett Title: Regulatory Manager

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: Matthew Lee Director of COGCC Date: 10/31/2017

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.

<u>COA Type</u>	<u>Description</u>
	The Approved Form 2A permit will be posted at the location during construction, drilling, and completions operations.

No	BMP/COA Type	Description
1	Planning	604c.(2).E. Multi-Well Pads: In order to reduce surface impact, this application is for a seven (7) 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: 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.
4	Planning	604c.(2).S. Access Roads: KMG will utilize a very short access from County Road 28 for drilling, completions, and production operations, including maintenance equipment. Any necessary right-of-way or agreement will be obtained from the appropriate jurisdiction. The road will be properly maintained to accommodate for local emergency vehicle access.
5	Community Outreach and Notification	<p>305.a.(2) A Notice of Intent to Conduct Operations was sent to each building unit owner within the Buffer Zone Setback. Recipients did not contact KMG.</p> <p>As a part of planning this proposed location, KMG 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>
6	Traffic control	604c.(2).D. Traffic Plan: Prior to the commencement of operations, the operator will obtain the necessary access and/or ROW permits from Weld County and implement COAs or traffic control plans as required.
7	General Housekeeping	604c.(2).O. Loadlines: All loadlines shall be bull-plugged or capped.
8	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.
9	General Housekeeping	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
10	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.
11	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).
12	Material Handling and Spill Prevention	606.A.d. Control of Flammable Liquids - Flammable liquids will not be stored within 50' of the proposed wellheads. If storage of flammable liquid is to be conducted within 50' of the wellhead, sufficient safety measures will be implemented.
13	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.

14	Construction	604c.(2).G. Berm Construction: KMG will construct a berm or diversion dike, site grading, or other comparable measures sufficient to further protect the ditch located 0' North of this proposed oil and gas location.
15	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.
16	Noise mitigation	604c.(2).A. Noise: 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 will be placed as follows: Sound wall: +/- 680' across 50% of the northern location edge (beginning at the eastern edge of the NW access entrance running east), 50% of the western location edge (beginning at the NW corner running south), and 50% of the southern location edge (beginning at the SW corner running east). Straw Bales: +/- 1116' across 50% of the northern location edge (beginning at the NE corner running west), 100% of the eastern location edge, 50% of the southern location edge (beginning at the SE corner running west), and 50% of the western location edge (beginning at the SW corner running north). COMPLETIONS: During completion operations, a similar combination of mitigations barriers and best-available technologies will be reviewed and deployed as appropriate. Should technical advancements allow for better noise mitigation at the time of drilling and completion operations on this location, KMG will re-evaluate the most effective method(s) at that time.
17	Emissions mitigation	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.
18	Emissions mitigation	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.
19	Odor mitigation	805b. Odors: KMG will comply with the provisions of Rule 805b as deemed applicable.
20	Odor mitigation	Additional BMPs for the Hergenreder location are: 1) the storage of excess drilling fluid (e.g., fluid not being used in the active mud system) in closed, upright tanks; and 2) the use of an odor neutralizer in the active mud system.
21	Final Reclamation	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.
22	Final Reclamation	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.

Total: 22 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2316179	WASTE MANAGEMENT PLAN
2316187	RULE 306.E. CERTIFICATION
401344063	FORM 2A SUBMITTED
401384959	MULTI-WELL PLAN
401385033	HYDROLOGY MAP
401385050	ACCESS ROAD MAP
401385088	LOCATION DRAWING
401385365	WELL LOCATION PLAT
401385445	PRE-APPLICATION NOTIFICATION CERTIFICATION
401385724	SURFACE AGRMT/SURETY
401389614	LOCATION PICTURES
401397711	FACILITY LAYOUT DRAWING
401404584	NRCS MAP UNIT DESC

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed.	10/31/2017
Permit	Returned form to IN PROCESS status. As submitted, the APDs for the wells on this pad describe a lease other than the one questioned by the mineral owner as the mineral right to drill these wells. KerrMcGee's investigation of the lease questioned by the mineral owner concluded it is a valid lease.	10/31/2017
OGLA	OGLA supervisor review: 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. Permitting addressed public comments with Operator. OGLA review complete and task passed.	10/25/2017
OGLA	Operator provided BMP for 606.A.d. and added to BMP section.	10/25/2017
Permit	With operator's concurrence unchecked all the mineral lease boxes. Permitting Review Complete.	10/25/2017
OGLA	Operator provided odor BMP - added to BMP section. pass onto supervisor for buffer review.	10/18/2017
OGLA	Operator responded with concurrence to remove berm information for tanks as no tanks are anticipated for this location. Operator provided updated Waste Management Plan (replaced) and 306.e. certification. Requested more information on odor control for OBM.	10/12/2017
OGLA	OGLA review: Related remote is to the south and SUA shows pipelines to Tank Battery. Nearest building unit owner is also the surface/mineral owner. Neighboring building unit owner approximately 875 feet to the northwest. Several monitoring water wells to the north with depth to water between 15 and 20 feet. Operator has address ditch along the north edge of the location in the BMPs. BMP #13 references tanks and there are no tanks planned for this location, BMP #18 for odors needs more information, and Waste Management Plan needs to be updated.	10/06/2017
Permit	ON HOLD for KerrMcGee to address mineral owner's lease concerns.	10/06/2017
Permit	Passed Completeness.	09/18/2017
Permit	Returned to draft per operator's request.	09/15/2017
Permit	Returned to draft for: - "Surface & Minerals" tab: the box for "has signed the Oil and Gas Lease" is checked, so the box for "is committed to an oil and Gas lease" must also be checked - "Soil & Plant Community" tab: according to the Soil Survey layer, Map Unit 82 should also be included, along with the corresponding attachment	09/15/2017
OGLA	Passed Buffer Zone completeness review	09/07/2017
OGLA	Did not pass Buffer Zone completeness review. Missing Facility Layout Drawing. Contact operator and push to Draft.	09/07/2017
Permit	Referred to OGLA Supervisor for buffer zone review.	08/30/2017

Total: 15 comment(s)