

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:

400924099

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Date Received:

03/01/2016

Oil and Gas Location Assessment

☐ New Location ☐ Refile ☒ Amend Existing Location Location#: 320515

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

Location ID:

320515

Expiration Date:

08/21/2019

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

CONSULTATION

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

Operator

Operator Number: 10459
Name: EXTRACTION OIL & GAS LLC
Address: 370 17TH STREET SUITE 5300
City: DENVER State: CO Zip: 80202

Contact Information

Name: Alyssa Andrews
Phone: (720) 420-5749
Fax: ()
email: derek.petrie@iptenergyservices.com

RECLAMATION FINANCIAL ASSURANCE

☒ Plugging and Abandonment Bond Surety ID: 20130028 ☐ Gas Facility Surety ID: _____
☐ Waste Management Surety ID: _____

LOCATION IDENTIFICATION

Name: Seltzer Pad Number: _____
County: ADAMS
QuarterQuarter: NWNE Section: 4 Township: 1S Range: 67W Meridian: 6 Ground Elevation: 5083
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: 233 feet FNL from North or South section line
2372 feet FEL from East or West section line
Latitude: 39.999718 Longitude: -104.892853
PDOP Reading: 1.4 Date of Measurement: 10/02/2015
Instrument Operator's Name: W. HALL

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	13	Oil Tanks*	12	Condensate Tanks*		Water Tanks*	2	Buried Produced Water Vaults*	
Drilling Pits		Production Pits*		Special Purpose Pits		Multi-Well Pits*		Modular Large Volume Tanks	
Pump Jacks		Separators*	13	Injection Pumps*		Cavity Pumps*		Gas Compressors*	
Gas or Diesel Motors*		Electric Motors		Electric Generators*		Fuel Tanks*		LACT Unit*	
Dehydrator Units*		Vapor Recovery Unit*	4	VOC Combustor*		Flare*		Pigging Station*	

OTHER FACILITIES*

Other Facility Type

Number

ECDs	8
Meters	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:

Intra flowlines are generally 3" (although may be 2") fusion bonded scheduled 40 steel..

CONSTRUCTION

Date planned to commence construction: 03/01/2016 Size of disturbed area during construction in acres: 8.30
Estimated date that interim reclamation will begin: 09/01/2016 Size of location after interim reclamation in acres: 4.90
Estimated post-construction ground elevation: 5083

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?

Reuse Facility ID: or Document Number:

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

SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: Seltzer Family Trust

Phone: _____

Address: 33641 WCR 83

Fax: _____

Address: _____

Email: _____

City: Briggsdale State: CO Zip: 80611

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 _____

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:	601 Feet	561 Feet
Building Unit:	956 Feet	912 Feet
High Occupancy Building Unit:	5280 Feet	5280 Feet
Designated Outside Activity Area:	5280 Feet	5280 Feet
Public Road:	221 Feet	343 Feet
Above Ground Utility:	205 Feet	327 Feet
Railroad:	5280 Feet	5280 Feet
Property Line:	233 Feet	355 Feet

INSTRUCTIONS:

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

DESIGNATED SETBACK LOCATION INFORMATION

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

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

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

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

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: 10/20/2015

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

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

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

The Seltzer Pad is being permitted at an existing location, Location ID 320515. The existing location will be amended to incorporate the proposed development of 12 horizontal wells and associated production equipment. The existing Seltzer PP 4-2JI, will be plugged and abandoned as part of the proposed new development. The Seltzer 1-4, Seltzer PP 4-7, and Seltzer PP 4-8 will also be plugged and abandoned as part of this project. Additionally the existing production facility and associated equipment will be removed.

Extraction has designed the Seltzer Pad to utilize the existing location, including the existing access road. Additionally, Extraction has worked closely with the surface owners to determine the best possible location for the proposed facilities given the surface use agreement, property boundaries, topography, utility easements and COGCC setbacks. To ensure that production equipment is as far from building units as possible...(Continued on attached email).

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: PIB—Platner loam, 0 to 3 percent slopes

NRCS Map Unit Name: _____

NRCS Map Unit Name: _____

PLANT COMMUNITY:

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

Are noxious weeds present: Yes ☐ No ☐

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

List individual species: _____

Check all plant communities that exist in the disturbed area.

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

WATER RESOURCES

Is this a sensitive area: ☐ No ☒ Yes

Distance to nearest

downgradient surface water feature: 211 Feet

water well: 1569 Feet

Estimated depth to ground water at Oil and Gas Location 19 Feet

Basis for depth to groundwater and sensitive area determination:

Downgradient surface water feature: Ditch to the North
Water well reference: CDWR Permit #69543- - (to the NE)

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

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

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

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

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

☐ Federal (FEMA)

☒ State

☐ County

☐ Local

☐ Other _____

GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 318A

DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

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

RULE 502.b VARIANCE REQUEST

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

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

OPERATOR COMMENTS AND SUBMITTAL

Comments Reference for location: Seltzer #1

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

Signed: _____ Date: 03/01/2016 Email: alyssa.andrews@iptenergyservices.com

Print Name: Alyssa Andrews Title: Operations Engineer

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: 8/22/2016

Conditions Of Approval

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

COA Type

Description

	Operator shall have the approved Form 2A posted at the Location at all times during construction, drilling and completion activities.
	All inspection documentation shall be made available to the COGCC upon request. Inspection documentation shall be retained by the Operator for a period of no less than 5 years.
	Location lies within 210 of a surface water feature. Operator shall place tertiary containment along the cross- and down-gradient perimeters of the Location.

Best Management Practices

No BMP/COA Type

Description

1	Planning	604.c(2)M. Fencing: A meeting with the surface owner will determine a fencing plan. At this time the exact fencing plan has not been established. A Site Plan with the proposed fence location will be submitted with the Administrative Use by Special Review (AUSR) application to Adams County.
2	Planning	604.c.(2)J.i Blowout Prevention Equipment ("BOPE"): A double ram and annular preventer will be used during drilling. Stabbing valves shall be installed in the event of reverse circulation and shall be prior tested with low and high pressure fluid.

3	Planning	604.c.(2)J.ii Backup stabbing valves will be required on well servicing operations during reverse circulation. Valves shall be pressure tested before each well servicing operation using both low-pressure air and high-pressure fluid.
4	Planning	604.c.(2)N. Control of fire hazards: All material that is considered a fire hazard shall be a minimum of 25' from the wellhead tanks or separators. Electrical equipment shall comply with API IRP 500 and will comply with the current national electrical code.
5	Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.
6	Traffic control	604.c.(2)S. Access Roads: The access road will be constructed to accommodate local emergency vehicles. This road will be maintained for access at all times. Traffic will be routed to minimize local interruption. One factor in choosing this location was due to access and utilities already existing at the site. All new improvements and maintenance will be along the existing access road. Dust control measures will also be utilized. A traffic impact study will be completed and submitted with the AUSR application to Adams County.
7	Traffic control	604.c.(2)D: If required by the local government, a traffic plan shall be coordinated with the local jurisdiction prior to commencement of move in and rig up. Any subsequent modification to the traffic plan must be coordinated with the local jurisdiction.
8	General Housekeeping	804. Visual Impacts: All long term facility structures will be painted a color that enables the facilities to blend in with the natural background color of the landscape, as seen from a viewing distance and location typically used by the public
9	General Housekeeping	Maintain appearance with garbage clean-up; a trash bin will be located on site to accumulate waste by the personnel drilling the wells. Site will have unused equipment, trash and junk removed immediately.
10	General Housekeeping	604.c.(2)P. Trash Removal: All trash, debris and material not intrinsic to the operation of the oil and gas facility shall be removed and legally disposed of as applicable.
11	Storm Water/Erosion Control	Implement and maintain BMP's to control storm water runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Location will be covered under Extraction Oil & Gas filed wide permit, permit number COR03M013 A Grading Erosion and Sediment Control Report and Plan will be completed and submitted with the AUSR application to Adams County. This plan will provide details on the specific controls that will be implemented on this site. Co-locate gas and water gathering lines whenever feasible, and mitigate any erosion problems that arise due to the construction of any pipeline(s). Location will be covered under Extraction Oil & Gas's field wide permit, permit number COR03M013.
12	Material Handling and Spill Prevention	604.c.(2)F. Leak Detention Plan: Operator will monitor production facilities on a daily to identify fluid leaks, including, but not limited to, visually inspecting all wellheads, tanks and fittings. Additionally annual SPCC inspections will be conducted and documented. Annual flowline testing will also occur according to COGCC rules 1101 and 1102. Inspection and record retention of flowline testing will be in accordance per COGCC regulation. All records will be made available to the COGCC upon to request.
13	Material Handling and Spill Prevention	604.c.(2)R Tank Specifications: Tanks will be designed, constructed and maintained in accordance with NFPA Code 30 (2008 version). All tanks are visually inspected by operator on a daily schedule and annual SPCC inspections will be conducted and documented. All records will be retained for 3 years and made available to the COGCC upon to request
14	Dust control	805.c. Operator shall employ practices for control of fugitive dust caused by their operations. Such practices shall include but are not limited to the use of speed restrictions, regular road maintenance, restrictions of construction activities during high wind days, and silica dust controls when handling sand used in hydraulic fracturing operations. The access road will be constructed with road base aggregate material. This with the others BMP's listed above will help reduce dust. Additional management practices such as road surfacing, wind breaks and barriers may be used.
15	Construction	803. Light sources during all phases of operations will be directed downwards and away from occupied structures. Permanent lighting will be installed around the facility to allow both the operator and haulers to conduct safe operations at night. All lights will be directed down toward the location or shielded so no light pollution leaves the facility.

16	Construction	604.c.(3)B. Berm Construction. Tank berms shall be constructed of steel rings with synthetic or engineered liner and designed to contain 150% of the capacity for the largest tank. Secondary containment devices shall be sufficiently impervious to contain any spilled or released material. Tertiary containment, earthen berms will be installed around production facilities. All berms will be visually inspected daily to ensure proper working condition. All records will be retained for 3 years and will be made available to the COGCC upon request.
17	Construction	604.c.(2).Q. All guy line anchors left buried for future use shall be identified by a marker of bright color not less than four (4) feet in height and not greater than one (1) foot east of the guy line anchor.
18	Construction	604.c.(2).E. This will be a multi-well pad, located in a manner which allows for the greatest distances possible from building units.
19	Noise mitigation	<p>604.c.(2)A. Noise Mitigation: Sound walls will be used to surround the well site during drilling and completion operations to shield sensitive areas. Sound walls will be used to surround the vapor recovery units and or combustions motors. Baseline noise monitoring and testing will be conducted prior to the commencement of construction. Additional sound mitigation measures will be considered and implemented pursuant to third party recommendations. All noise survey data will be made available to the COGCC inspector upon request.</p> <p>During completion activities, onsite equipment shall be positioned to take full advantage of the sound mitigation measures provided by the sound walls, well pad grading, and surrounding topography. Completion equipment shall be positioned on the well pad in areas where the cut and slope is the greatest as to maximize the mitigation that is provided by elevations change. Sound wall will remain in place through the end of completions operations.</p>
20	Emissions mitigation	<p>Emissions Mitigation -604.c.(2)C.i. Green Completions - Emission Control System: Test separators and associated flow lines and sand traps shall be installed on-site to accommodate green completions techniques pursuant to COGCC Rules. The operator will tie into the existing gas sales line. Extraction will send salable quality gas immediately down the sales line.</p> <p>This ECD shall have an adequate capacity for 1.5 times the largest flowback within a 10 mile radius, will be flanged to route gas to other or permanent oxidizing equipment and shall be provided with the equipment needed to maintain combustions where non-combustible gases are present.</p>
21	Odor mitigation	<p>805. Oil & gas facilities and equipment shall be operated in such a manner that odors and dust do not constitute a nuisance or hazard to public welfare. Operator is in the process of implementing a new base fluid for Oil Base Mud systems. The aromatics and BTEX concentrations are much less than that of generic diesel. With these two things being the major contributors to the odor from diesel, this should lead to less odor at the drill site caused by OBM.</p> <p>The production facilities will have VOC combustors with emission control devices to comply with the Department of Public Health and Environment, Air Quality Control Commission.</p>
22	Drilling/Completion Operations	Operator acknowledges and will comply with COGCC policy for Bradenhead Monitoring during Hydraulic Fracturing treatments in the Greater Wattenberg Area dated May 29, 2012.
23	Drilling/Completion Operations	317.p One of the first wells drilled on the pad will be logged with open-hole Resistivity Log and Gamma Ray Log from the kick-off point into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured-while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs shall clearly state "No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open-hole logs were run.

24	Drilling/Completion Operations	604.c.(2).I. BOPE testing for drilling operations. Upon initial rig-up and at least once every thirty (30) days during drilling operations thereafter, pressure testing of the casing string and each component of the blowout prevention equipment including flange connections shall be performed to seventy percent (70%) of working pressure or seventy percent (70%) of the internal yield of casing, whichever is less. Pressure testing shall be conducted and the documented results shall be retained by the operator for inspection by the Director for a period of one (1) year. Activation of the pipe rams for function testing shall be conducted on a daily basis when practicable.
25	Drilling/Completion Operations	604.c.(2)L. Closed chamber drill stem tests shall be allowed. All other drill stem tests shall require approval by the Director.
26	Drilling/Completion Operations	604.c.(2).K. Each tank will have its own overflow device capable of shutting off flow if an alarm is triggered.
27	Drilling/Completion Operations	604.c.(2).O. All loadlines shall be bull plugged or capped.
28	Drilling/Completion Operations	604.c.(2)B.i. Operator will be utilizing a closed loop system.
29	Interim Reclamation	Operator shall be responsible for segregating the topsoil, backfilling, re-compacting, reseeding, and re-contouring the surface of any disturbance area so as not to interfere with the owners operations and shall reclaim such area to be returned to pre-existing conditions as best as possible with control of all noxious weeds. At the time of interim reclamation, Operator will contract with a soil reclamation specialist to develop a site specific reclamation plan. The site specific plan will recommend a seed mix developed for the location to reflect the approximate original site composition, post reclamation land use, and inherent soil properties.
30	Final Reclamation	604.c.(2)T. Within 90 days subsequent to the time of plugging and abandonment of the entire site, superfluous debris and equipment shall be removed from the site. Identification of plugged and abandoned wells will be identified pursuant to 319.a.(5)
31	Final Reclamation	604.c.(2).U. The operator shall identify the location of the wellbore with a permanent monument as specified in Rule 319.a.(5). The operator shall also inscribe or imbed the well number and date of plugging upon the permanent monument

Total: 31 comment(s)

Attachment Check List

Att Doc Num	Name
1010043	WAIVER
1010047	CORRESPONDENCE
1010048	CORRESPONDENCE
1010049	SITNG RATIONALE
400924099	FORM 2A SUBMITTED
400925053	NRCS MAP UNIT DESC
400925058	LOCATION DRAWING
400925060	ACCESS ROAD MAP
400925061	HYDROLOGY MAP
400925062	LOCATION PICTURES
400925064	OTHER
400967540	FACILITY LAYOUT DRAWING
400967541	OTHER
400967543	OTHER
400994635	WASTE MANAGEMENT PLAN
401000883	MULTI-WELL PLAN

Total Attach: 16 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed.	8/18/2016 10:14:10 AM
Permit	Permitting Review Complete.	5/7/2016 3:42:22 PM
OGLA	Per Operator request, updated and modified BMPs. 07/07/2016	5/13/2016 11:34:24 AM
OGLA	Per Operator request, changed the Operator Contact Information to derek.petrie@iptenergyservices.com.	5/13/2016 10:30:14 AM
OGLA	Per Operator request, changed the siting rationale per the attached correspondence (Document #1010048).	5/6/2016 10:48:32 AM
OGLA	Per Operator request, changed Emissions Mitigation to: 604.c.(2)C.i. Emissions Mitigation: Green Completions - Emission Control System: Test separators and associated flow lines and sand traps shall be installed on-site to accommodate green completions techniques pursuant to COGCC Rules. In the anticipated absence of a viable gas sales line, the flowback gas shall be thermally oxidized in an emissions control device (ECD), which will be installed and kept in operable condition for least the first 90-days of production pursuant to CDPHE rules. This ECD shall have an adequate capacity for 1.5 times the largest flowback within a 10 mile radius, will be flanged to route gas to other or permanent oxidizing equipment and shall be provided with the equipment needed to maintain combustions where non-combustible gases are present. There is a gas sales line that will be tapped for gas sales.	5/6/2016 10:45:01 AM
OGLA	Per Operator request, added: Noise Mitigation: Sound walls will be used to surround the well site during drilling and completion operations to shield sensitive areas. Sound walls will be used to surround the vapor recover units and /or combustions motors productions operations to shield sensitive areas. Operator will investigate the possibility of using electricity powered facility in order to decrease the amount of noise form combustion generators and/or engines. Baseline nose monitoring and testing will be conducted prior to the commencement of construction and dirt work Additional sound mitigation measures will be considered and implemented pursuant to third party recommendations. All noise survey data will be made available to the COGCC inspector upon request. Noise Mitigation: During Completions activities, onsite equipment shall be positioned to take the full advantage of the sound mitigation measured provided the well pad grading and temporary sound walls. Completions equipment shall be positioned on the well pad in areas where the cut and slope is the greatest as to maximize the mitigation that is provided by elevation change. Sound walls will remain in place during the completion phase of the project.	5/6/2016 10:40:59 AM
OGLA	Changed Depth to Groundwater to 19 feet based on DWR Water Well Permit #69543 Changed reference well to Permit #69543 in the Basis Statement Changed Sensitive Area to YES	5/2/2016 10:09:05 AM
OGLA	6 month timing for Interim Reclamation. Dry land crop land should be 3 months.	4/27/2016 5:01:06 PM

LGD	<p>1.A resident living to the south of the proposed facility has called and voiced concerns relating to the noise and dust that will be associated with the construction and drilling of the proposed wells. He was concerned that his children will not be able to sleep at night due to the noise. Please address the noise and dust concerns with the appropriate BMPs.</p> <p>2.The applicant shall obtain local permits prior to construction of the facility. Please contact the Adams County LGD, Jen Rutter, for more information.</p> <p>3.The applicant shall obtain OSL permits for the equipment that will be onsite. The applicant needs to contact Mark Russell at 720-523-6821 for all transportation-related permits.</p> <p>4. Any construction activities in the floodplain will require a floodplain use permit.</p> <p>5.The use of erosion and sediment control BMPs are required.</p> <p>6.The applicant shall provide accurate Tier II storage tank location information to the Adams County Emergency Management Department.</p> <p>7.The site is within the Todd Creek Preliminary PUD.It is designated as Residential Estate on the Comprehensive Plan.The placement of the infrastructure should take into account future residential development.Recommend screen fencing/landscaping/neutral paint colors around and on the site to make it consistent with the future planned residential.</p>	3/25/2016 3:05:38 PM
Public	<p>I do not agree with drilling being done so close to our homes.We will have to deal with the noise at all hours of the day and night, the added traffic in our area, and the possibility of lowering our home values.We have no idea how long this</p> <p>drilling will be for and to what extent barriers will be put in place.We receive a letter that we live within one half mile from</p> <p>the proposed activity, but have been given no details of what to expect.We recently have had several months of a constaint hum that we have heard day and night and in researching where this has been coming from we learned it was</p> <p>from a drilling site several miles from our homes and now to learn this will be within one half mile.With small kids in the</p> <p>neighborhoods we do not feel comfortable with added noise and traffic.More comunnication needs to be done with</p> <p>communities and drilling companies before the permits are submitted.</p>	3/21/2016 7:28:29 PM
Permit	Passed completeness.	3/7/2016 10:21:24 AM
Permit	Multi-well plan does not conform to guidance. The plan must have the same number of wells listed in the facilities section of the Form 2A; the total number of wells includes existing and proposed wells.	3/2/2016 9:32:30 AM
Permit	Referred to OGLA supervisor for buffer zone review.	3/1/2016 3:26:29 PM

Total: 14 comment(s)