

**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:

400466268

Date Received:

10/01/2013

**Oil and Gas Location Assessment**☐ New Location ☐ Refile ☒ Amend Existing Location Location#: 334722

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:

**334722**

Expiration Date:

**12/14/2016**☒ 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: 96850

Name: WPX ENERGY ROCKY MOUNTAIN LLC

Address: 1001 17TH STREET - SUITE #1200

City: DENVER State: CO Zip: 80202

**Contact Information**

Name: Greg Davis

Phone: (303) 606-4071

Fax: (303) 629-8268

email: greg.j.davis@wpxenergy.com

**RECLAMATION FINANCIAL ASSURANCE**

☒ Plugging and Abandonment Bond Surety ID: 20030107 ☐ Gas Facility Surety ID: \_\_\_\_\_

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

**LOCATION IDENTIFICATION**

Name: C&C Energy Number: GM 24-12

County: GARFIELD

QuarterQuarter: SWSW Section: 12 Township: 7S Range: 96W Meridian: 6 Ground Elevation: 5141

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: 299 feet FSL from North or South section line

969 feet FWL from East or West section line

Latitude: 39.445687 Longitude: -108.064700

PDOP Reading: 3.5 Date of Measurement: 11/01/2010

Instrument Operator's Name: J. Kirkpatrick

## RELATED REMOTE LOCATIONS

(Enter as many Related Locations as necessary. Enter the Form 2A document # only if there is no established COGCC Location ID#)

This proposed Oil and Gas Location is:

LOCATION ID # FORM 2A DOC #

## FACILITIES

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

Wells	<u>21</u>	Oil Tanks	<u>3</u>	Condensate Tanks	<u>      </u>	Water Tanks	<u>3</u>	Buried Produced Water Vaults	<u>      </u>
Drilling Pits	<u>      </u>	Production Pits	<u>      </u>	Special Purpose Pits	<u>      </u>	Multi-Well Pits	<u>      </u>	Temporary Large Volume Above Ground Tanks	<u>      </u>
Pump Jacks	<u>      </u>	Separators	<u>21</u>	Injection Pumps	<u>      </u>	Cavity Pumps	<u>      </u>		
Gas or Diesel Motors	<u>      </u>	Electric Motors	<u>      </u>	Electric Generators	<u>      </u>	Fuel Tanks	<u>      </u>	Gas Compressors	<u>      </u>
Dehydrator Units	<u>      </u>	Vapor Recovery Unit	<u>      </u>	VOC Combustor	<u>1</u>	Flare	<u>      </u>	LACT Unit	<u>      </u>
								Pigging Station	<u>      </u>

## OTHER FACILITIES

Other Facility Type

Number

Remote Frac GM 313-12

1

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

#	Lines	Diameter	Contents	Material	Length	Tie In Point		Type of line	Comments
1	10"	Gas	Steel	1923.68ft			Existing gas line	Buried	
0									Produced Water
2	10"	Frac Water	Poly	3095.17ft	Proposed frac water line	Buried frac water	2 line for approx 800'		
3	4.5"	Frac Water	Flex Steel	1846.57ft	Na		Temporary Surface Line		

\*See attached POD Map for details

## CONSTRUCTION

Date planned to commence construction: 12/02/2013 Size of disturbed area during construction in acres: 4.70

Estimated date that interim reclamation will begin: 07/01/2014 Size of location after interim reclamation in acres: 1.30

Estimated post-construction ground elevation: 5141

## DRILLING PROGRAM

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

Is H<sub>2</sub>S anticipated? No

Will salt sections be encountered during drilling: No

Will salt based mud (>15,000 ppm Cl) be used? No

Will oil based drilling fluids be used? No

## DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE

Drilling Fluids Disposal Method: Recycle/reuse

Cutting Disposal: ONSITE

Cuttings Disposal Method: Other

Other Disposal Description:

Spent drlg fluids are treated with a de-watering unit. Separated mud solids are disposed with the drill cuttings at well pad location, or at an approved disposal trench. Separated water is re-used for drilling, or disposed at a permitted inj. well.

Beneficial reuse or land application plan submitted? No

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

Centralized E&P Waste Management Facility ID, if applicable: 149015

## SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: C&C Energy Capital, LLC

Phone: \_\_\_\_\_

Address: 213 Diamond Loop

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

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

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

City: Parachute State: CO Zip: 81635

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: No

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 \_\_\_\_\_

## 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

Distance to nearest:

Building: 593 Feet  
Building Unit: 616 Feet  
High Occupancy Building Unit: 2053 Feet  
Designated Outside Activity Area: 1597 Feet  
Public Road: 501 Feet  
Above Ground Utility: 221 Feet  
Railroad: 1393 Feet  
Property Line: 300 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.

## 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: 09/12/2013

## 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: 4. Arvada Loam, 6 to 20 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: 09/03/2013

List individual species: Wheatgrass, sage, juniper, and pinyon

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: 180 Feet

water well: 2470 Feet

Estimated depth to ground water at Oil and Gas Location 57 Feet

Basis for depth to groundwater and sensitive area determination:

Sensitive Area Determination is derived from onsite review data. (See attached "Sensitive Area Determination Check List")  
Depth of groundwater estimated from review of surrounding wells from state database.

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: \_\_\_\_\_

## GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 609

## 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

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

Signed: \_\_\_\_\_ Date: 10/01/2013 Email: greg.j.davis@wpenergy.com

Print Name: Greg Title: Davis

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: 12/15/2013

### **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**

	<p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines or buried permanent pipelines.</p> <p>Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.</p> <p>The access road will be maintained as to not allow any sediment to migrate from the access road to nearby surface water or any drainages leading to surface water.</p> <p>Strategically apply fugitive dust control measures, including enforcing established speed limits on private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources.</p> <p>Berms or other containment devices shall be constructed to be sufficiently impervious (preferably corrugated steel with poly liner) to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.</p>
	<p>Notify the COGCC 48 hours prior to start of pad construction (if existing pad needs to be expanded or brought out to the original footprint), rig mobilization, spud, and start of hydraulic stimulation operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).</p>

The moisture content of any cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, if the drill cuttings are to be left onsite, they must also meet the applicable standards of table 910-1.

Flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline, storage vessel, or lined pit (only if an amended Form 2A has been submitted/approved and a Form 15 Earthen Pit Permitted has been submitted/approved) located on the well pad; or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material.

Operator shall pressure test pipelines in accordance with Rule 1101.e.(1) prior to putting into initial service any temporary surface or permanent buried pipelines and following any reconfiguration of the pipeline network. Operator shall notify the COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeckzo; email dave.kubeckzo@state.co.us) and the COGCC Field Inspection Supervisor for Northwest Colorado (Shaun Kellerby; email shaun.kellerby@state.co.us) 48 hours prior to testing surface or buried poly/steel pipelines.

Operator must implement best management practices to contain any unintentional release of fluids along all portions of the surface pipeline route where temporary pumps and other necessary equipment are located.

Operator must routinely inspect the entire length of the surface pipeline to ensure integrity. Operator shall conduct daily inspections of surface poly pipeline routes for leaks during active transfer of fluids. Inspections shall be conducted by viewing the length of the pipeline; operator will endeavor to minimize surface disturbance during pipeline monitoring. The operator shall maintain records of inspections, findings and repairs, if necessary, for the life of the pipelines.

Operator must ensure appropriate secondary containment for volume of fluids that may be released before pump shut down from the surface pipeline at all stream, intermittent stream, ditch, and drainage crossings. Catchment basins, if needed, should be sized to contain the volume between pump stations or between the nearest pump station and the frac pad being used for this well pad location. Pump stations along the surface poly or steel pipeline route will be continuously monitored when operating in order to swiftly respond to such a failure.

Operator will utilize, to the extent practical, all existing access and other public roads, and/or existing pipeline right-of-ways, when placing/routing the surface pipelines. This will reduce surface disturbance and fragmentation of wildlife habitat in the area.

### **Best Management Practices**

No	BMP/COA Type	Description
1	Planning	<ul style="list-style-type: none"> <li>* Originally, a new pad was being proposed to drill these wells in the NWNW Section 13 T7S R 96W. With further review, it was determined that this existing GM 24-12 pad could be used to reach the bottom holes of interest. This existing pad is further away from building units than the new pad would have been (&lt;500').</li> <li>* Will use existing pipeline corridors for new pipelines.</li> <li>* Other existing pads in the area are as close if not closer to building units but farther away from bottom holes making it infeasible to drill from these locations.</li> <li>* Share/consolidate corridors for pipeline ROWs to the maximum extent possible.</li> <li>* Minimize newly planned activities and operations within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river.</li> <li>* Locate roads outside of drainages where possible and outside of riparian habitat.</li> <li>* Avoid constructing any road segment in the channel of an intermittent or perennial stream</li> <li>* Minimize the number, length, and footprint of oil and gas development roads</li> <li>* Use existing roads where possible</li> <li>* Combine utility infrastructure (gas, electric, and water) planning with roadway planning to avoid separate utility corridors</li> <li>* Combine and share roads to minimize habitat fragmentation</li> <li>* Where possible, consolidate pipeline and existing roadways, or roadways that are planned for development</li> <li>* Maximize the use of directional drilling to minimize habitat loss/fragmentation</li> <li>* Maximize use of remote completion/frac operations to minimize traffic</li> <li>* Maximize use of remote telemetry for well monitoring to minimize traffic</li> </ul>
2	Traffic control	<ul style="list-style-type: none"> <li>* Most likely, CR 215 to the new Town of Parachute bypass road (to avoid going through town) will be used to get to the pad. The Town of Parachute has agreed to this route. Another route is possible for the rig (Hwy 6 to lease road) if the rig that is scheduled to drill this pad is changed. In that case, the appropriate state, county, and town official would be contacted and permits obtained. This would also be done 1-2 weeks prior to rig moving on location. Pilot cars, in either case, will be used to get the larger rig traffic to location.</li> </ul>
3	General Housekeeping	<ul style="list-style-type: none"> <li>* All garbage and trash will be stored in enclosed trash containers and removed and deposited in an approved sanitary landfill within one week following termination of drilling operations. No garbage or trash will be disposed of in the cuttings management area. The well site and access road will be kept free of trash and debris at all times.</li> </ul>
4	Wildlife	<ul style="list-style-type: none"> <li>* Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife</li> <li>* Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.</li> <li>* Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors.</li> <li>* By using an existing pad we have minimized the number, size and distribution of well pads and locate pads along existing roads where possible.</li> <li>* Water for completions operations will be piped from an existing water pit which will reduce truck traffic.</li> </ul>
5	Storm Water/Erosion Control	<ul style="list-style-type: none"> <li>* Strip and segregate topsoil prior to construction. Appropriately configure topsoil piles and immediately seed to control erosion, prevent weed establishment and maintain soil microbial activity</li> </ul>
6	Storm Water/Erosion Control	<ul style="list-style-type: none"> <li>* Onsite and offsite erosion control, re-vegetation of disturbed areas and source and storage of topsoil BMP's will be installed prior to, during and immediately following construction as practicable with consideration given to safety, access, and ground conditions at the time of construction. Due to the nature of the topography at various sites, any number of BMP combinations may be utilized at any phase of the project. Constant efforts will be employed to limit the extent of vegetative disturbance at the time of soil exposure during all construction activities and structural BMP implementation.</li> </ul> <p>Stormwater is addressed under a field-wide CDPHE plan/permit.</p>



7	Material Handling and Spill Prevention	<ul style="list-style-type: none"> <li>* Automated high tank alarms are installed on tanks along with emergency shut down systems.</li> <li>* In addition to 2-3 times/week onsite inspections by pumpers they also have routine quarterly checklists that are filled out and kept on file regarding dump line/flow line pressures and also a checklist done for everything regarding compliance at the wellhead and production equipment.</li> <li>* Pallets and materials (drilling and production materials and supplies) that are stored on the pallets are kept &gt; 25' from wellheads during production and drilling operations.</li> </ul>
8	Dust control	<ul style="list-style-type: none"> <li>* Fugitive dust control will be implemented during all phases of operations on an as-needed basis.</li> </ul>
9	Construction	<ul style="list-style-type: none"> <li>* Salvage topsoil from all road construction and other rights-of-way and re-apply during interim and final reclamation.</li> </ul>
10	Noise mitigation	<ul style="list-style-type: none"> <li>* The mufflers on the rig will be oriented to point to the north thus directing the noise from the engines away from the residential building units.</li> <li>* Plumb dump lines into tanks to muffle sound</li> <li>* Rubber cushions in lubricators are used to muffle sound for plunger lift</li> </ul>
11	Emissions mitigation	<ul style="list-style-type: none"> <li>* Combusters and we use API tanks with thief hatches and enardo valves and pipe everything to the combustion unit.</li> </ul>
12	Odor mitigation	<ul style="list-style-type: none"> <li>* We use Combusters and API tanks with thief hatches and enardo valves and pipe everything to the combustion unit.</li> </ul>
13	Drilling/Completion Operations	<ul style="list-style-type: none"> <li>* Water for completions operations will be piped from an existing water pit which will reduce truck traffic.</li> <li>* Use centralized hydraulic fracturing operations.</li> <li>* Install and maintain adequate measures to exclude all types of wildlife (e.g., big game, birds, and small rodents) from all fluid pits (e.g., fencing, netting, and other appropriate exclusion measures).</li> <li>* Conduct well completions with drilling operations to limit the number of rig moves and traffic.</li> </ul>
14	Interim Reclamation	<ul style="list-style-type: none"> <li>* As soon as possible after (within 6 mos) well is placed on first sales perform interim reclamation on all disturbed areas not needed for active support of production operations.</li> <li>* Seed during appropriate season to increase likelihood of reclamation success</li> <li>* Conduct seeding in a manner that ensures that seedbed preparation and planting techniques are targeted toward the varied needs of grasses, forbs and shrubs (e.g., seed forbs and shrubs separately from grasses, broadcast big sagebrush but drill grasses, etc.)</li> <li>* Remove well pad and road surface materials that are incompatible with post-production land use and re-vegetation requirements</li> <li>* Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife</li> <li>* WPX Energy will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding and reclamation of disturbed areas.</li> <li>* Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.</li> <li>* Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors.</li> </ul>
15	Final Reclamation	<ul style="list-style-type: none"> <li>* Will complete final reclamation activities so that seeding occurs during the first optimal season following plugging and abandonment of oil and gas wells.</li> </ul>

Total: 15 comment(s)

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2106805	CORRESPONDENCE
2106806	WASTE MANAGEMENT PLAN
2106820	CORRESPONDENCE
400466268	FORM 2A SUBMITTED
400482773	SURFACE AGRMT/SURETY
400487913	NRCS MAP UNIT DESC
400487916	SENSITIVE AREA DATA
400487917	FACILITY LAYOUT DRAWING
400487918	CORRESPONDENCE
400488236	ACCESS ROAD MAP
400488237	CONST. LAYOUT DRAWINGS
400488238	HYDROLOGY MAP
400488239	LOCATION DRAWING
400488240	REFERENCE AREA MAP
400488246	MULTI-WELL PLAN
400489608	LOCATION PICTURES

Total Attach: 16 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review completed. No LGD or public comments.	12/12/2013 7:12:33 AM
Permit	Operator requested name change.	11/6/2013 2:03:41 PM
Permit	This form was sent back to DRAFT on 10/1/2013 because it had not met the 30 pre-application notification requirements. The form remained in DRAFT until the operator re-submitted on 10/15/2013 thereby meeting the 30 day prior to application requirements.	11/6/2013 12:23:15 PM
Permit	Public and LGD comment period extended 10 days to 11-15-2013, per request of LGD.	11/5/2013 2:55:03 PM
LGD	KHW comment: LGD request for 10-day comment period extension for this permit application. Purpose is to provide more time to ensure Mr. Lindauers concerns may be discussed and addressed as appropriate prior to the end of comment period.	11/4/2013 3:10:34 PM

Public	<p>PUBLIC COMENT NO. 1 2A#400466268 10/19/2013 10:25 AM</p> <p>For many years we have been subjected to unpleasant and maybe health damaging odors, from oil and gas operations at our agriculture property in the NW 1/4 of Section 13, T.7 S., R.96 W. The odors often gave us headaches, requiring at times, that we leave the property until the wind direction coming from the north, would shift. What assurance do we have that the odors will not be worse, when the new series of wells, drilled from Pad GM 24-12 (the GM XXX-13 series) are placed into production? Evidently, the wells in the vicinity of the GM-24-12 Pad are not equipped with combusters, and API tanks, or these units often mal-function. Maybe vapor recovery units should be required on some wells in this vicinity. We would like to see an increase in monitoring for odors in the vicinity of GM 24-12 Pad, prior to odors polluting neighboring propeties. In addition to health problems that may result from the odors, now or in the future, the odors devalue our properties. Thank you for considering this matter.</p> <p>COGCC RESPONSE TO PUBLIC COMMENT NO. 1 2A#400466268 11-14-2013</p> <p>COGCC conducted an inspection on 05-18-2012 and found all well/welheads, tanks, and ancillary equipment to be in working/satisfactory conditions. No odors were observed during the inspection. There are currently no open complaints or violations at this location. WPX has been made aware of the concerns raised in this comment. WPX has provided the following information for this pad</p> <p>"Due to technological advances and new regulatory requirements the new wells on the pad (as well as the existing wells) will have a combustion unit installed. WPX also has a Leak Detection and Repair program as well as closed loop system inspections to insure there are no leaking components. In addition to 2-3 times/week onsite inspections by pumpers they also have routine quarterly checklists that are filled out and kept on file regarding dump line/flow line pressures and also a checklist done for everything regarding compliance at the wellhead and production equipment."</p> <p>In addition, operator must comply to Rule.c.(2).R.:</p> <p>604. SETBACK AND MITIGATION MEASURES FOR OIL AND GAS FACILITIES, DRILLING, AND WELL SERVICING OPERATIONS</p> <p>c. Mitigation Measures. The following requirements apply to an Oil and Gas Location within a Designated Setback Location and such requirements shall be incorporated into the Form 2A or associated Form 2 as Conditions of Approval.</p> <p>(2) Location Specific Requirements – Designated Setback Locations. Subject to Rule 502.b., the following mitigation measures shall apply to any Well or Production Facility proposed to be located within a Designated Setback Location for which a Form 2 Application for Permit to Drill or Form 2A Oil and Gas Location Assessment is submitted on or after August 1, 2013:</p> <p>R. Tank specifications. All newly installed or replaced crude oil and condensate storage tanks shall be designed, constructed, and maintained in accordance with National Fire Protection Association (NFPA) Code 30 (2008 version). The operator shall maintain written records verifying proper design, construction, and maintenance, and shall make these records available for inspection by the Director. Only the 2008 version of NFPA Code 30 applies to this rule. This rule does not include later amendments to, or editions of, the NFPA Code 30.</p> <p>COGCC will attempt to conduct site visits to this location during the construction, rig mobilization, drilling, and completion phases.</p>	10/19/2013 10:25:08 AM
OGLA	<p>Initiated/Completed OGLA Form 2A review on 10-16-13 by Dave Kubeczko; placed notification, fluid containment, spill/release BMPs, dust control, sediment control access road, tank berming, moisture content cuttings, flowback to tanks, and pipeline COAs on permit, sent email to operator on 10-16-13; passed by CPW on 10-02-13 with submitted BMPs acceptable; passed OGLA Form 2A review on 12-11-13 by Dave Kubeczko; notification, fluid containment, spill/release BMPs, dust control, sediment control access road, tank berming, moisture content cuttings, flowback to tanks, and pipeline COAs.</p>	10/16/2013 4:43:04 PM
DOW	<p>The BMPs submitted with the Form 2A application adequately address wildlife concerns.</p> <p>Approved:Jim Komatinsky10-15-2013</p>	10/15/2013 2:54:50 PM

Permit	Operator sent new distances to utility line and property line. Passed completeness.	10/15/2013 1:40:27 PM
Permit	Returned to draft; Distance to above ground utility, & property line is less than 200'. Distances don't match the form 2's at or near the location. Please review.	10/15/2013 12:30:26 PM
Permit	Need to place the the date of buffer zone notification in the cultural setback tab. Notification letters not required attachments. Form should not be submitted until 30 days has elapsed since notification. Date on the letters is 9/12/2013	10/3/2013 10:57:04 AM
Permit	Opr attached pictures looking north and east, but none looking south. Back to draft. Opr reports that distances cited are from production equipment on the pad. Distances on the Form 2's are from the wellhead.	10/2/2013 10:41:40 AM
Permit	Distance to above ground utility, & property line is less than 200'. No location photos are attached. Back to draft.	10/2/2013 9:00:17 AM

Total: 13 comment(s)