

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:

400489013

Date Received:

11/12/2013

Oil and Gas Location Assessment

☒ New Location    ☐ Refile    ☐ Amend Existing Location    Location#: \_\_\_\_\_

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:

**435935**

Expiration Date:

**01/21/2017**

☐ 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: Reed Haddock

Phone: (303) 606-4086

Fax: (303) 629-8268

email: reed.haddock@wpxenergy.com

RECLAMATION FINANCIAL ASSURANCE

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

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

LOCATION IDENTIFICATION

Name: East Parachute    Number: Tank Farm

County: GARFIELD

QuarterQuarter: SENE    Section: 34    Township: 6S    Range: 95W    Meridian: 6    Ground Elevation: 5250

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: 1629 feet FNL from North or South section line

1248 feet FEL from East or West section line

Latitude: 39.483976    Longitude: -107.979758

PDOP Reading: 2.0    Date of Measurement: 08/12/2012

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 #

Production Facilities Location serves Well(s)

335418

335330

335233

## FACILITIES

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

Wells	Oil Tanks	Condensate Tanks	4	Water Tanks	10	Buried Produced Water Vaults
Drilling Pits	Production Pits	Special Purpose Pits		Multi-Well Pits		Temporary Large Volume Above Ground Tanks
Pump Jacks	Separators	Injection Pumps		Cavity Pumps		
Gas or Diesel Motors	Electric Motors	Electric Generators		Fuel Tanks		Gas Compressors
Dehydrator Units	Vapor Recovery Unit	VOC Combustor	1	Flare		LACT Unit
						Pigging Station

## OTHER FACILITIES

### Other Facility Type

### Number

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

3-8" buried steel gas line to the following pads: DOE 2-W-27 Length: ???, PA 23-26 Length: ???, PA 543-27 Length: ??? (All lines will run from pad down PL ROW to tank farm)  
3-4" buried ?type? produced water line to the following pads: same lengths and route as stated above.  
3-2" buried ?type? condensate lines for the DOE 2-W-27 & PA 543-27 pads with the same lengths and route as stated above.  
3-6" buried flex steel injection lines to the following pads: same lengths and route as stated above.

## CONSTRUCTION

Date planned to commence construction: 04/01/2014 Size of disturbed area during construction in acres: 0.64  
Estimated date that interim reclamation will begin: 04/01/2044 Size of location after interim reclamation in acres: 0.64  
Estimated post-construction ground elevation: 5250

## DRILLING PROGRAM

Will a closed loop system be used for drilling fluids: \_\_\_\_\_

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: \_\_\_\_\_ Drilling Fluids Disposal Method: \_\_\_\_\_

Cutting Disposal: \_\_\_\_\_ Cuttings Disposal Method: \_\_\_\_\_

Other Disposal Description:

This is not a drilling location. This is for a proposed tank farm location.

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: ConocoPhillips Corp.

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

Address: 3401 East 30th Street

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

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

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

City: Farmington State: NM Zip: 87402

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: \_\_\_\_\_

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: 3302 Feet  
Building Unit: 3408 Feet  
High Occupancy Building Unit: 5280 Feet  
Designated Outside Activity Area: 5280 Feet  
Public Road: 2077 Feet  
Above Ground Utility: 1976 Feet  
Railroad: 2833 Feet  
Property Line: 260 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: \_\_\_\_\_

## 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: Nilhil channery loam, 6 - 25% slopes, Map Unit # 47

NRCS Map Unit Name: Torriorthents-Camborthids-Rock outcrop complex, steep, Map Unit # 66

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: 07/02/2012

List individual species: Cheatgrass, Wheatgrass, Oatgrass, Brome

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: 241 Feet

water well: 2211 Feet

Estimated depth to ground water at Oil and Gas Location 100 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

The surface is owned 60% by Puckett Land Company and 40% by TOSCO-ConocoPhillips. The majority owner Puckett Land Company has signed the SUA. It's their prerogative to grant the surface use right. WPX hopes to have TOSCO-Conoco Phillips signature soon but we need to move forward with the 2A approval process.

This is not a drilling location. This 2A is for a proposed tank farm location.

Reference area photos to be submitted at a later date.

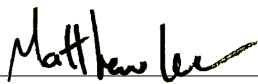
I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: \_\_\_\_\_ Date: 11/12/2013 Email: reed.haddock@wpenergy.com

Print Name: Reed Haddock Title: Regulatory Specialist Sta

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: 1/22/2014

### Surface Owner Information

Owner Name	Address	Phone	Fax	Email
ConocoPhillips Corp.	3401 East 30th Street			
	Farmington, NM 87402			
Puckett Land Compaby	5460 South Quebec, Suite 250			
	Greenwood Village, CO 80111			

2 Surface Owner(s)

### 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>Notify the COGCC 48 hours prior to start of tank farm pad reconstruction and start of operations using Form 42 (the appropriate COGCC individuals will automatically be email notified).</p> <p>Operator shall comply with Rule 609. STATEWIDE GROUNDWATER BASELINE SAMPLING AND MONITORING (as indicated on the Form 2A).</p> <p>Surface water samples from the unnamed stream (one upgradient and one downgradient to the facility location) located to the east-southeast of the facility (if water is present), shall be collected prior to the facility use and every 12 months (until facility closure) to evaluate potential impacts from tank facility operations. At a minimum, the surface water samples will be analyze for the following parameters: major cations/anions (chloride, fluoride, sulfate, sodium); total dissolved solids (TDS); and BTEX/DRO.</p>
	<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>The existing 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>All tanks and aboveground vessels containing fluids or chemicals used in the storage and transmission processes and operations must have secondary containment structures (which may include, but is not limited to, double-walled tanks). All secondary containment structures/areas must be lined. Operator must ensure 110 percent secondary containment for the largest structure containing fluids within each bermed area of the facility during operations. The construction and lining of the secondary containment structures/areas shall be supervised by a professional engineer or their agent.</p> <p>Additional containment shall be required where temporary or permanent pumps and other necessary equipment or chemicals are located.</p> <p>Operator will use adequately sized containment devices for all chemicals and/or hazardous materials stored or used on location and the facility shall comply with the operators SPCC Plan.</p>
	<p>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 Kubeczko; email dave.kubeczko@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 poly or buried steel pipelines.</p> <p>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.</p>

## **Best Management Practices**

<b>No</b>	<b>BMP/COA Type</b>	<b>Description</b>
1	Planning	Use existing roads where possible. Maximize use of long-term centralized tank batteries to minimize traffic. Maximize use of remote completion/frac operations to minimize traffic.

Total: 1 comment(s)

## **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
2106832	CORRESPONDENCE
2106842	PROPOSED BMPs
400489013	FORM 2A SUBMITTED
400498893	NRCS MAP UNIT DESC
400498925	SENSITIVE AREA DATA
400510719	ACCESS ROAD MAP
400510724	CONST. LAYOUT DRAWINGS
400510726	HYDROLOGY MAP
400510728	REFERENCE AREA MAP
400510730	LOCATION PICTURES
400511078	SURFACE AGRMT/SURETY
400511097	NRCS MAP UNIT DESC
400512812	LOCATION DRAWING

Total Attach: 13 Files



## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Per operator: changed size of location after interim reclamation from 0.00 acres to 0.64 acres.	1/22/2014 6:51:32 AM
OGLA	Took off "ON HOLD"; attached plan of development/site specific BMPs drawings from operator (received on 01-14-14) in order to remove COA requiring as-built of location since no specific construction layout drawings provided.	1/16/2014 10:14:31 AM
OGLA	Placed "ON HOLD" waiting for plan of development and site specific BMPs drawings from operator in order to remove COA requiring as-built of location since no specific construction layout drawings provided.	1/7/2014 10:18:43 AM
OGLA	Initiated/Completed OGLA Form 2A review on 12-27-13 by Dave Kubeczko; placed fluid containment, spill/release BMPs, notification, flowback to tanks, tank berming, dust control, sediment control access road, and pipeline COAs on permit, sent email to operator on 12-27-13; corrected to sensitive area due to close SW (241'); corrected size of disturbance after interim reclamation from 0.00 acres to 0.64 acres per Reed Haddock (no reclamation until tank farm closure); passed by CPW on 11-14-13 with WMP acceptable; passed OGLA Form 2A review on 12-27-13 by Dave Kubeczko; fluid containment, spill/release BMPs, notification, flowback to tanks, tank berming, dust control, sediment control access road, and pipeline COAs.	12/27/2013 1:34:12 PM
DOW	This location is within the boundary of the approved WPX-CPW Wildlife Mitigation Plan. The BMPs were developed in the consultation and development of the Wildlife Mitigation Plan. CPW affirms that the BMPs and conditions of approval of the Wildlife Mitigation Plan suffice to address wildlife mitigation concerns.  Approved: Jim Komatinsky 11-14-2013	11/14/2013 11:23:36 AM
Permit	This form has passed completeness. Per oper. added comment about ref. area photos.	11/14/2013 9:34:27 AM
Permit	Returned to draft: Req'd ref. area photos or comment. Qtr/qtr not correct.	11/14/2013 6:47:36 AM

Total: 7 comment(s)