

FORM  
2A

Rev  
06/19

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:

401933056

Date Received:

03/27/2019

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:

**466305**

Expiration Date:

**07/26/2022**

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: 55098

Name: MCCOY PETROLEUM CORPORATION

Address: 9342 EAST CENTRAL

City: WICHITA    State: KS    Zip: 67206-2573

Contact Information

Name: Brent Reinhardt

Phone: (316) 636-2737

Fax: (316) 636-2741

email: Brent@mccoypetroleum.com

FINANCIAL ASSURANCE

- Plugging and Abandonment Bond Surety ID (Rule 706): 20190026     Gas Facility Surety ID (Rule 711): \_\_\_\_\_
- Waste Management Surety ID (Rule 704): \_\_\_\_\_

LOCATION IDENTIFICATION

Name: ALC 1545    Number: 1-27

County: CHEYENNE

Quarter: SESE    Section: 27    Township: 15S    Range: 45W    Meridian: 6    Ground Elevation: 4382

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: 660 feet FSL from North or South section line

660 feet FEL from East or West section line

Latitude: 38.712080    Longitude: -102.426780

PDOP Reading: 1.8    Date of Measurement: 02/20/2019

Instrument Operator's Name: Elijah Frane -2

LOCAL GOVERNMENT INFORMATION

County: CHEYENNE    Municipality: N/A



## CONSTRUCTION

Date planned to commence construction: 08/01/2019 Size of disturbed area during construction in acres: 5.74  
Estimated date that interim reclamation will begin: 12/01/2019 Size of location after interim reclamation in acres: 1.50  
Estimated post-construction ground elevation: 4382

## DRILLING PROGRAM

Will a closed loop system be used for drilling fluids: No

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

Will salt sections be encountered during drilling: Yes

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: Commercial Disposal

Cutting Disposal: ONSITE Cuttings Disposal Method: Drilling pit

Other Disposal Description:

Fluids will be separated and transported offsite. All dry/uncontaminated cuttings will be buried onsite.

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: J.P. Jones, LLLP

Phone: 970-731-3232

Address: % Jeffrey C. Jones, Mgr Prtn

Fax:           

Address: 1441 Carino Place

Email:           

City: Pagosa Springs State: CO Zip: 81147

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 03/12/2019

## 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:	2750 Feet	2483 Feet
Building Unit:	2925 Feet	2664 Feet
High Occupancy Building Unit:	5280 Feet	5280 Feet
Designated Outside Activity Area:	5280 Feet	5280 Feet
Public Road:	660 Feet	410 Feet
Above Ground Utility:	660 Feet	440 Feet
Railroad:	5280 Feet	5280 Feet
Property Line:	660 Feet	410 Feet
School Facility::	5280 Feet	5280 Feet
School Property Line:	5280 Feet	5280 Feet
Child Care Center:	5280 Feet	5280 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, Designated Outside Activity Area, School Facility, and Child Care Center – as defined in 100 Series Rules.  
 -For measurement purposes only, Production Facilities should only include those items with an asterisk(\*) on the Facilities Tab.

## SCHOOL SETBACK INFORMATION

Was Notice required under Rule 305.a.(4)?  Yes  No

## DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a:

- Buffer Zone  
 Exception Zone  
 Urban Mitigation Area

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

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

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

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: \_\_\_\_\_

## 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.

## SOIL

List all soil map units that occur within the proposed location. attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" report listing the soil typical vertical profile. This data is to used when segregating topsoil.

The required information can be obtained from the NRCS web site at <http://soildatamart.nrcs.usda.org/> or from the COGCC web site GIS Online map page found at <http://colorado.gov/cogcc>. Instructions are provided within the COGCC web site help section.

NRCS Map Unit Name: 39—Satanta-Colby complex, 3 to 5 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: Western wheatgrass (30%), Green needlegrass (10%), Sand dropseed (5%), Needleandthread (5%), Blue grama (-%), Prairie sandreed (5%), Miscellaneous perennial forbs (5%)

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: 200 Feet

water well: 3119 Feet

Estimated depth to ground water at Oil and Gas Location 195 Feet

Basis for depth to groundwater and sensitive area determination:

The nearest water well established by the Colorado Division of Water Resources as found on the COGCC website with associated depth to groundwater information is: 142564. Static Water Level - 195 feet.

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 609

## 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 Storm Water Management Plan (SWMP) will be in place to address construction, drilling and operations associated with oil and gas development through the state of Colorado in accordance with Colorado Department of Health & Environment (CDPHE) general permit rules.

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

Signed: \_\_\_\_\_ Date: 03/27/2019 Email: Scott@mccoypetroleum.com

Print Name: Scott Hampel Title: VP - Production

Based on the information provided herein, this Oil and Gas Location Assessment complies with COGCC Rules, applicable orders, and SB 19-181 and is hereby approved.

COGCC Approved:  Director of COGCC Date: 7/27/2019

**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 sample the drilling cuttings for Table 910-1 constituents prior to closure of the drilling pit. Sample analysis results will be submitted to the COGCC via Form 4 Sundry.
	Operator shall submit Reference Area Pictures taken during the growing season within 12 months of approval of this Form 2A.

**Best Management Practices****No BMP/COA Type****Description**

1	Planning	McCoy Petroleum Corporation (MPC) will only use such land as necessary for said drilling, completion and production operations. The access road and site location will be kept to the minimum that is needed for its operation.
2	Storm Water/Erosion Control	McCoy Petroleum Corporation (MPC) will install perimeter controls along the cross- and down-gradient perimeters of the Location to prevent migration of sediment/contaminant into the nearby drainage.
3	Material Handling and Spill Prevention	McCoy Petroleum Corporation (MPC) will construct the production facilities within lined secondary containment to prevent migration of contaminant into the underlying soil and groundwater in the event of a release.

Total: 3 comment(s)

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
1010681	HYDROLOGY MAP
1010682	LOCATION DRAWING
1010702	OBJECTIVE CRITERIA REVIEW MEMO
401933056	FORM 2A SUBMITTED
401953437	REFERENCE AREA PICTURES
401953439	LOCATION PICTURES
401953441	LOCATION PICTURES
401953446	HYDROLOGY MAP A, TOPO
401953452	ACCESS ROAD MAP
401953457	REFERENCE AREA MAP
401955069	H2S CONTINGENCY PLAN
401965463	NRCS MAP UNIT DESC
401985591	SURFACE AGRMT/SURETY

Total Attach: 13 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Final Review	Revise Drilling Waste Management Program comment to state "cuttings" rather than "material" for onsite burial.	07/27/2019
Permit	With operators concurrence changed construction and interim reclamation date. Final Review Completed.	07/26/2019
OGLA-181	The Objective Criteria Review Memo (Doc# 1010702) is attached to this Form 2A. Following additional analysis arising out of the Objective Criteria, the Director determined that this application meets the standard for the protection of public health, safety, welfare, the environment and wildlife resources set by SB 19-181.	07/25/2019
OGLA-181	COGCC staff conducted its technical review of this Form 2A Oil and Gas Location Assessment within the context of SB 19-181 and the required Objective Criteria. This Form 2A met Objective Criteria #5.c.	07/25/2019
OGLA	<p>Location lies on CRP/Crop Land</p> <ul style="list-style-type: none"> <li>- Per Operator, changed the drilling fluids disposal to OFFSITE and commercial disposal. Fluids will be drawn off and transported offsite for commercial disposal.</li> </ul> <p>Verify that Salt Sections contain high concentrations of Cl.</p> <ul style="list-style-type: none"> <li>- Per Operator, drilling fluids will not exceed 15,000 ppm of Cl.</li> </ul> <p>Cultural Distances to the Building and Building Unit appear incorrect. Please verify the distances.</p> <ul style="list-style-type: none"> <li>- Per Operator request, changed the distance to 2750 feet from the well to the nearest building and 2925 feet from the well to the nearest Building Unit. Changed the distance to 2483 feet from the production facilities to the nearest building and 2664 feet from the production to the nearest Building Unit. Changed the distance from the production facilities to the nearest public road to 410 feet.</li> </ul> <p>Changed Sensitive Area to YES as the Location lies within the East Cheyenne Designated Groundwater Management Area and the Northern High Plains Designated Basin. Checked the Additional Director Review box.</p> <p>Changed the estimated depth to groundwater to 195 feet bgs based on the static water level reported for DWR Water Well Permit #142564. Changed the Basis Statement to reflect DWR Permit #142564.</p> <p>Need BMPs for lining the facilities and for protecting the drainage to the east and north.</p> <ul style="list-style-type: none"> <li>- Received 07/08/2019.</li> </ul> <p>Location Drawing and Hydrology Map are missing the production facilities.</p> <ul style="list-style-type: none"> <li>- Per Operator request, uploaded revised Location Drawing and Hydrology Map - 07/08/2019</li> <li>- Received and uploaded higher quality Location Drawing and Hydrology Map. - 07/25/2019</li> </ul>	07/05/2019
Permit	Passed completeness.	04/01/2019

Total: 6 comment(s)