

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:

400828970

0

Date Received:

05/21/2015

Oil and Gas Location Assessment

☐ New Location ☐ Refile ☒ Amend Existing Location Location#: 437712

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:

437712

Expiration Date:

09/07/2018

☒ 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: 10396
Name: SWN PRODUCTION COMPANY LLC
Address: PO BOX 12359
City: SPRING State: TX Zip: 77391

Contact Information

Name: CHERYL ROWELL
Phone: (832) 796-7439
Fax: (832) 796-8817
email: cheryl_rowell@swn.com

RECLAMATION FINANCIAL ASSURANCE

☒ Plugging and Abandonment Bond Surety ID: 20110201 ☐ Gas Facility Surety ID: _____
☐ Waste Management Surety ID: _____

LOCATION IDENTIFICATION

Name: NORTH HAYDEN Number: 1-26
County: ROUTT
QuarterQuarter: SENE Section: 26 Township: 7N Range: 88W Meridian: 6 Ground Elevation: 6699
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: 1927 feet FNL from North or South section line
268 feet FEL from East or West section line
Latitude: 40.537714 Longitude: -107.220483
PDOP Reading: 1.5 Date of Measurement: 12/18/2014
Instrument Operator's Name: GLENN MCELROY

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	2	Oil Tanks*	3	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	2	Separators*	3	Injection Pumps*		Cavity Pumps*		Gas Compressors*	
Gas or Diesel Motors*	2	Electric Motors		Electric Generators*		Fuel Tanks*		LACT Unit*	
Dehydrator Units*		Vapor Recovery Unit*		VOC Combustor*	2	Flare*		Pigging Station*	

OTHER FACILITIES*

Other Facility Type

Number

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:

200' of 2" sch 80 from the wellheads to the separator
200' of 2" sch 80 from the separator to the tank battery for the water and oil dumps
200' of 3" sch 40 from the separator to the incinerator

CONSTRUCTION

Date planned to commence construction: 09/02/2015 Size of disturbed area during construction in acres: 5.20
Estimated date that interim reclamation will begin: 09/01/2016 Size of location after interim reclamation in acres: 1.70
Estimated post-construction ground elevation: 6697

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? Yes

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: State of Colorado

Phone: _____

Address: 1313 Sherman Street

Fax: _____

Address: _____

Email: _____

City: Denver State: CO Zip: 80203

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:	5280 Feet	5280 Feet
Building Unit:	5280 Feet	5280 Feet
High Occupancy Building Unit:	5280 Feet	5280 Feet
Designated Outside Activity Area:	5280 Feet	5280 Feet
Public Road:	296 Feet	214 Feet
Above Ground Utility:	5280 Feet	5280 Feet
Railroad:	5280 Feet	5280 Feet
Property Line:	267 Feet	158 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: _____

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 (onll 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 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: 9E. Shermap loam, 12 to 35 percent slopes

NRCS Map Unit Name: 10E. Bulkley silty clay, 12 to 25 percent slopes

NRCS Map Unit Name: _____

PLANT COMMUNITY:

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

Are noxious weeds present: Yes ☐ No ☒

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

List individual species: Mountain Big Sagebrush, Letterman's Needlegrass, Slender Wheatgrass, Mountain Brome, Elk Sedge, Mountain Snowberry, Miscellaneous perennial forbs, Nodding brome, Miscellaneous perennial grasses.

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: 317 Feet

water well: 2214 Feet

Estimated depth to ground water at Oil and Gas Location 100 Feet

Basis for depth to groundwater and sensitive area determination:

The DTW was calculated using a domestic water well (permit(#26434) located approximately 4800' 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 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 single point defined is the SHL of the North Hayden 1-26, API #107-06263.
This amendment is requesting to add a second well (North Hayden 7-88 2-26H, Form 2, Doc #400828924) to the pad and enlarge the pad for operations.
There has been no changes on land use, lease description.
Facility count has been amended to support future production.
Revised Construction Drawings (include Reclamation Drawing and Location Drawing) attached.
Revised Hydrology Map attached.
Multi-Well plan attached.
Refer to original documents located in Location ID #437712 (Access Road Maps, Location Pictures, Reference Area Map, etc.)

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

Signed: _____ Date: 05/21/2015 Email: cheryl_rowell@swn.com

Print Name: CHERYL ROWELL Title: Sr. Staff Reg. Analyst

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: 9/8/2015

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

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Best Management Practices

No BMP/COA Type

Description

1	Planning	When feasible develop multiple well sites by using directional drilling to reduce cumulative impacts and adverse impacts on wildlife resources.
2	General Housekeeping	Fence the well site after drilling to restrict public and wildlife access. Keep well site location, the road, and the pipeline easement free of noxious weeds, liter and debris. Spray for noxious weeds, and implement dust control, as needed. Southwestern Energy Production Company (SEPCO) will not permit the release or discharge of any toxic or hazardous chemicals or chemicals or wastes on Owners' land. Construct and maintain gates where any roads used by SEPCO cross through fences on the leased premises.

3	Wildlife	<p>1. This location is within Elk Winter Concentration area. Conduct oil and gas activities outside the time period from December 1 through April 15.</p> <p>2. This location is within Elk Winter Concentration area. Restrict post-development well site visitations to between the hours of 9:00 a.m. and 4:00 p.m. from December 1 to April 15.</p> <p>3. This location is within designated greater sage-grouse priority habitat and activities should be conducted outside of the period from March 1 to June 30.</p> <p>4. This location is within 1.25 miles of Columbian sharp-tailed grouse leks (Production Area), and activities should be conducted outside of the period from March 15 to July 30.</p> <p>5. Restrict post-development well site visitations to portions of the day between 9:00 a.m. and 4:00 p.m. during the greater sage-grouse and Columbian sharp-tailed grouse lekking season, from March 1 to July 30.</p> <p>6. Muffle or otherwise control exhaust noise from pump jacks and compressors so that operational noise will not exceed 49 dB measured at 30 feet from the edge of the well pad.</p> <p>7. Reclaim/restore greater sage-grouse and Columbian sharp-tailed grouse habitats with native grasses and forbs conducive to optimal grouse habitat and other wildlife appropriate to the ecological site. CPW can assist reclamation efforts with recommended seed mixes, if request.</p> <p>8. Design wastewater pits to minimize retention of stagnant surface water.</p> <p>9. Treat waste water pits and any associated pit containing water that provides a medium for breeding mosquitos with Bti (<i>Bacillus thuringiensis</i> v. <i>israelensis</i>) or take other effective action to control mosquito larvae that may spread West Nile Virus to wildlife, especially grouse.</p> <p>10. Establish company guidelines to minimize wildlife mortality from vehicle collisions on roads.</p> <p>11. Install and utilize bear-proof dumpsters and trash receptacles for all food-related trash on location following COGCC Rule 1204 a-1.</p> <p>12. Operator will coordinate with State Land Board and gate (as agreed upon) the well pad access road from Routt County Road 80 to prevent public access.</p> <p>13. Operator will utilize exclusionary (wildlife and livestock) fencing to protect reclaimed areas until vegetation is established.</p>
4	Storm Water/Erosion Control	Use water bars and other measures to prevent erosion and non-source pollution. Implement and maintain BMP's to control storm water runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation. Co-locate gas and water gathering lines whenever feasible and mitigate any erosion problems that arise due to the construction of any pipeline.
5	Storm Water/Erosion Control	Remove only the minimum amount of vegetation necessary for the construction of roads and facilities. Conserve topsoil during excavation and reuse as cover on disturbed areas to facilitate regrowth or vegetation. No construction or routine maintenance activities will be performed during periods when the soil is too wet to adequately support construction equipment.
6	Interim Reclamation	Utilize only such area around each producing well as is reasonably necessary. Restore the remainder of the well site location to its original condition within a reasonable time after the completion of operations. All reseeding shall be done with grasses consistent with the Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by Owner.
7	Final Reclamation	All surface restoration shall be accomplished to the satisfaction of Owner. All reseeding shall be done with grasses consistent with the Rocky Mountain native mix or other grasses reasonably requested by surface owner and during planting period suggested by Owner. Final reclamation shall be completed to the reasonable satisfaction of the owner as soon as practical after installation (weather permitting) and in accordance with regulatory agency standards.

Total: 7 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
2107640	OPERATOR CORRESPONDENCE
400828970	FORM 2A SUBMITTED
400851147	CONST. LAYOUT DRAWINGS
400851149	HYDROLOGY MAP
400851158	MULTI-WELL PLAN

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	State Land Board, per T. Kelly, verified surface restoration bond is in good order.	9/8/2015 7:45:01 AM
Permit	Per operator, deleted surface blanket bond and revised date of construction. Req'd SLB verification of surface restoration bond.	9/2/2015 9:11:04 AM
OGLA	Revised Facilities Tab per operator email dated 08-25-15; the following revisions to facilities were made per operator's request: Wells: 2 (no change) Pump Jacks: 2 (from 0) Gas or Diesel Motors: 2 (from 0; used to run pump jacks) Dehydrator Units: 0 (from 1) Oil Tanks: 3 (no change) Water Tanks: 2 (no change) Separators: 3 (no change) VOC Combustors: 2 (from 1, per COGCC 912.d) Water Tanks: 3	9/2/2015 8:16:29 AM
Permit	Final review complete.	8/13/2015 10:49:30 AM

OGLA	<p>PREVIOUS FORM 2A#400446461; OGCC ID#437712 COAs:</p> <ul style="list-style-type: none"> * Notify the COGCC 48 hours prior to start of pad reconstruction, start of construction of the pit (if different), pit liner installation, 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). * Operator shall design and construct the access road utilizing all available soils, geologic, landslide, and hydrogeologic information. Operator shall notify the COGCC and the Routt County LGD 48 hours prior to start of access road and pad construction using Form 42 (the appropriate COGCC individuals will automatically be email notified). Operator will need to notify the Routt County LGD (cbrookshire@co.routt.co.us) for road and pad construction. * 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. * 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. * A closed loop system must be implemented during drilling; or, if a drilling pit is constructed, an amended Form 2A must be submitted and a Form 15 submitted if operator plans on using either oil based muds or high chloride/TDS mud. The pit must be lined. All cuttings generated during drilling with oil based muds or high chloride/TDS mud must be kept in the lined drilling pit, or placed either in containers, lined trenches, or on a lined/bermed portion of the well pad; prior to disposition. The moisture content of any drill cuttings in a cuttings 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. All liners associated with drilling mud and cuttings must be disposed of offsite per CDPHE rules and regulations. * The location is in an area of moderate to high run-on/run-off potential; therefore standard stormwater BMPs must be implemented at this location to insure compliance with CDPHE and COGCC requirements and to prevent any stormwater run-on and /or stormwater run-off. * The access road will be constructed and maintained as to not allow any sediment to migrate from the access road to nearby surface water or any drainages leading to surface water. * 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. * During all construction, drilling, and completion phases at this location, operator shall be monitoring the wildfire potentials daily and have the appropriate additional equipment and measures in place. This may include smoking bans and additional fire fighting equipment. Operator shall consult with the NFS as necessary. * Berms or other containment devices shall be constructed to be sufficiently impervious (corrugated steel with poly liner) to contain any spilled or released material around permanent crude oil, condensate, and produced water storage tanks. * The moisture content of any drill cuttings in a cuttings trench or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. * If the well(s) is(are) to be hydraulically stimulated, 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 constructed to be sufficiently impervious to contain any spilled or released material. 	<p>8/11/2015 12:26:21 PM</p>
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OGLA	Initiated/Completed OGLA Form 2A review on 08-11-15 by Dave Kubeczko; previously submitted and approved (12-16-13) Form 2A#400446461, OGCC ID#437712; same COAs apply - notification, GW monitoring, fluid containment, spill/release BMPs, moisture content/containment cuttings, closed loop, wildfire prevention, access road design, sediment control, dust control, stormwater BMPs, tank berming, and flowback to tanks; added pipeline testing COA; passed by CPW on 06-24-15 with previous wildlife BMPs acceptable; passed OGLA Form 2A review on 08-11-15 by Dave Kubeczko; notification, GW monitoring, fluid containment, spill/release BMPs, moisture content/containment cuttings, closed loop, wildfire prevention, access road design, sediment control, dust control, stormwater BMPs, tank berming, flowback to tanks, and pipeline testing COAs.	8/11/2015 12:26:18 PM
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DOW	<p>Pad location: North Hayden 1-26, T7N, R88W, Section 26 (40.537714 , -108.220483)</p> <p>Document #: 400828970</p> <p>Wildlife concerns: The existing pad location falls within an area that is classified by CPW as Greater sage-grouse Preliminary Priority Habitat and Elk Winter Concentration habitat. Because this is an existing location, and because there are BMPs in place to help reduce impacts to wildlife from construction, drilling and completion activities, CPW did not request to be present for the onsite. However, consistent with the BMPs that were applied to the existing location when it was originally permitted, CPW recommends the following site-specific BMPs:</p> <ol style="list-style-type: none"> 1. This location is within Elk Winter Concentration area. Conduct oil and gas activities outside the time period from December 1 through April 15. 2. This location is within Elk Winter Concentration area. Restrict post-development well site visitations to between the hours of 9:00 a.m. and 4:00 p.m. from December 1 to April 15. 3. This location is within designated greater sage-grouse preliminary priority habitat and activities should be conducted outside of the period from March 1 to June 30. 4. This location is within 1.25 miles of Columbian sharp-tailed grouse leks (Production Area), and activities should be conducted outside of the period from March 15 to July 30. 5. Restrict post-development well site visitations to portions of the day between 9:00 a.m. and 4:00 p.m. during the greater sage-grouse and Columbian sharp-tailed grouse leking season, from March 1 to July 30. 6. Muffle or otherwise control exhaust noise from pump jacks and compressors so that operational noise will not exceed 49 dB measured at 30 feet from the edge of the well pad. 7. Reclaim/restore greater sage-grouse and Columbian sharp-tailed grouse habitats with native grasses and forbs conducive to optimal grouse habitat and other wildlife appropriate to the ecological site. CPW can assist reclamation efforts with recommended seed mixes, if requested. 8. Design wastewater pits to minimize retention of stagnant surface water. 9. Treat waste water pits and any associated pit containing water that provides a medium for breeding mosquitoes with Bti (<i>Bacillus thuringiensis</i> v. <i>israelensis</i>) or take other effective action to control mosquito larvae that may spread West Nile Virus to wildlife, especially grouse. 10. Establish company guidelines to minimize wildlife mortality from vehicle collisions on roads. 11. Install and utilize bear-proof dumpsters and trash receptacles for all food-related trash on location following COGCC Rule 1204 a-1. 12. The operator will coordinate with State Land Board and gate (as agreed upon) the well pad access road from Routt County Road 80 to prevent public access. 13. The operator will use exclusionary (wildlife and livestock) fencing to protect reclaimed areas until vegetation is established. <p>BRETT SMITHERS, 13:44 06/24/15</p>	<p>6/24/2015 1:45:14 PM</p>
Permit	<p>Ready to pass.</p>	<p>6/24/2015 11:18:37 AM</p>

Permit	Passed completeness. Corrected Longitude to reflect the original approved document. Corrected Ground Elevation to reflect the original approved document.	6/11/2015 11:59:21 AM
Permit	1.) GPS coordinates do not match well location. 2.) Related Forms Doc# is incorrect. Returned to draft.	5/29/2015 10:48:48 AM

Total: 10 comment(s)