

FORM
2A

Rev
04/01

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:
400073873

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: 323844

Submit original plus one copy. This form is to be submitted to the COGCC prior to any ground disturbance activity associated with oil and gas development operations. This Assessment may be approved as a stand alone application or submitted as an informational report accompanying an Application for Permit-To-Drill, Form 2. Approval of this 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. This form may serve as notice to land owners and other interested parties, please see the COGCC web site at <http://colorado.gov/cogcc/> for all accompanying information pertinent to this Oil and Gas Location Assessment.

Location ID:
323844
Expiration Date:
08/12/2013

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

1. 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.

2. Operator
Operator Number: 96850
Name: WILLIAMS PRODUCTION RMT COMPANY
Address: 1515 ARAPAHOE ST STE 1000
City: DENVER State: CO Zip: 80202

3. Contact Information
Name: Greg Davis
Phone: (303) 606-4071
Fax: (303) 629-8272
email: Greg.J.Davis@Williams.com

4. Location Identification:
Name: Jolley Frac Pad Number: KP 32-17
County: GARFIELD
Quarter: SWNE Section: 17 Township: 6S Range: 91W Meridian: 6 Ground Elevation: 6146
Define a single point as a location reference for the facility location. This point should be used as the point of measurement in the drawings to be submitted with this application. When the location is to be used as a well site then the point shall be a well location.
Footage at surface: 1963 feet, from North or South section line: FNL and 2109 feet, from East or West section line: FEL
Latitude: 39.529622 Longitude: -107.576646 PDOP Reading: 2.4 Date of Measurement: 03/12/2010
Instrument Operator's Name: J. Kirkpatrick

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):

Special Purpose Pits: <input type="checkbox"/>	Drilling Pits: <input type="checkbox"/>	Wells: <input type="text" value="1"/>	Production Pits: <input type="text" value="1"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="checkbox"/>	Separators: <input type="checkbox"/>	Electric Motors: <input type="checkbox"/>	Multi-Well Pits: <input type="checkbox"/>
Gas or Diesel Motors: <input type="checkbox"/>	Cavity Pumps: <input type="checkbox"/>	LACT Unit: <input type="checkbox"/>	Pump Jacks: <input type="checkbox"/>	Pigging Station: <input type="checkbox"/>
Electric Generators: <input type="checkbox"/>	Gas Pipeline: <input type="checkbox"/>	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/>	Flare: <input type="checkbox"/>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="checkbox"/>	Oil Tanks: <input type="checkbox"/>	Fuel Tanks: <input type="checkbox"/>	

Other: Well on pad is plugged and abandon; existing equipment to be removed. There will be 2 Frac Tnks, 6 Flowback Tnks, 1 Pump and a Circulation Line.

6. Construction:

Date planned to commence construction: 08/01/2010 Size of disturbed area during construction in acres: 4.18
 Estimated date that interim reclamation will begin: 06/01/2011 Size of location after interim reclamation in acres: 4.18
 Estimated post-construction ground elevation: 6146 Will a closed loop system be used for drilling fluids: Yes
 Will salt sections be encountered during drilling: Yes No Is H2S anticipated? Yes No
 Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes No
 Mud disposal: Offsite Onsite Method: Land Farming Land Spreading Disposal Facility
 Other: Evaporation and backfilling

7. Surface Owner:

Name: _____ Phone: _____
 Address: _____ Fax: _____
 Address: _____ Email: _____
 City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: 11/28/2007
 Surface Owner: Fee State Federal Indian
 Mineral Owner: Fee State Federal Indian
 The surface owner is: the mineral owner committed to an oil and gas lease
 is the executer of the oil and gas lease the applicant
 The right to construct the location is granted by: oil and gas lease Surface Use Agreement Right of Way
 applicant is owner
 Surface damage assurance if no agreement is in place: \$2000 \$5000 Blanket Surety ID _____

8. Reclamation Financial Assurance:

Well Surety ID: 20030107 Gas Facility Surety ID: _____ Waste Mgnt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No
 Distance, in feet, to nearest building: 4740, public road: 6921, above ground utilit: 1390
 , railroad: 8973, property line: 2180

10. 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): Existing Well Pad
 Subdivided: Industrial Commercial Residential

11. 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

12. Soils:

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.gov/> 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: 58 Potts-Ildefonso complex. 12 to 25% slopes

NRCS Map Unit Name: _____

NRCS Map Unit Name: _____

13. 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: 03/12/2010

List individual species: Cheatgrass, Wheatgrass, Rabbitbrush

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestern, 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): _____

14. Water Resources:

Rule 901.e. may require a sensitive area determination be performed. If this determination is performed the data is to be submitted with the Form 2A.

Is this a sensitive area: No Yes Was a Rule 901.e. Sensitive Areas Determination performed: No Yes

Distance (in feet) to nearest surface water: 175, water well: 4603, depth to ground water: 35

Is the location in a riparian area: No Yes Was an Army Corps of Engineers Section 404 permit filed No Yes

Is the location within a Rule 317B Surface Water Suppl Area buffer zone:

No 0-300 ft. zone 301-500 ft. zone 501-2640 ft. 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: No Yes

15. Comments:

Although this location is located within 500' of perennial, ephemeral, or intermittent surface water according to USGS mapped surface waters, the attached Sensitive Area Determination concludes that the location is not within a sensitive area due to the low potential for impacts to surface water in the case of a facility release. However, in order to satisfy COGCC guidance requiring that all locations within 500' of mapped surface water incorporate BMP's to protect the surface water, Williams will employ the following BMP's at this location. Williams will ensure 110% secondary containment for any volume of fluids contained at well site during drilling and completion operations. Williams will implement best management practices to contain any unintentional release of fluids.

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

Signed: _____ Date: 07/01/2010 Email: Greg.J.Davis@Williams.com

Print Name: Greg Davis Title: Supervisor Permits

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

David S. Neslin

COGCC Approved: _____

Director of COGCC

Date: 8/13/2010

CONDITIONS OF APPROVAL, IF ANY:

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.

Frac pit must be lined (based on information from sensitive area determination, frac pit will hold fluids with hydrocarbons and/or chlorides).

Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during completion operations. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.

Flowback to tanks only. Submit a secondary and tertiary containment plan via sundry notice Form 4 for the tanks. Attn: Dave Kubeczko. Obtain approval of the plan prior to flowback.

No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.

Attachment Check List

Att Doc Num	Name	Doc Description
2033268	CORRESPONDENCE	LF@2506641 2033268
400073873	FORM 2A SUBMITTED	LF@2500918 400073873
400073993	LOCATION PICTURES	LF@2500919 400073993
400073998	LOCATION DRAWING	LF@2500920 400073998
400074002	HYDROLOGY MAP	LF@2500921 400074002
400074004	ACCESS ROAD MAP	LF@2500922 400074004
400074005	REFERENCE AREA MAP	LF@2500923 400074005
400074007	NRCS MAP UNIT DESC	LF@2500924 400074007
400074008	CONST. LAYOUT DRAWINGS	LF@2500925 400074008
400074010	PROPOSED BMPs	LF@2500926 400074010
400074011	317B NOTIFICATION	LF@2500927 400074011
400074012	SURFACE AGRMT/SURETY	LF@2500928 400074012
400074066	SENSITIVE AREA DATA	LF@2500929 400074066

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Jolley-Newcastle 17-7 well (TA location) is not included in count Permission to include this well, making well count 1 given by verbal approval from Greg Davis	8/11/2010 1:47:12 PM
OGLA	Initiated/Completed OGLA Form 2A review on 07-06-10 by Dave Kubeczko; requested clarifications and acknowledgement of fluid containment, spill/release BMPs, secondary/tertiary containment and flowback to tanks, no pit in fill COAs from operator on 07-06-10; received clarifications and acknowledgement of COAs from operator on 07-06-10; passed by CDOW on 08-06-10, with operator submitted BMPs (with permit application) acceptable: passed OGLA Form 2A review on 08-09- 10 by Dave Kubeczko; fluid containment, spill/release BMPs, secondary/tertiary containment and flowback to tanks, no pit in fill COAs.	8/9/2010 2:09:44 PM
DOW	The BMPs as submitted by the operator are applicable to the site. by Michael Warren on Friday, August 6, 2010 at 11:40 A.M.	8/9/2010 1:31:41 PM

Total: 3 comment(s)

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