

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:  
400082747

Oil and Gas Location Assessment

New Location       Amend Existing Location      Location#: \_\_\_\_\_

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:  
**419345**  
Expiration Date:  
**09/16/2013**

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: 10334  
Name: SLAWSON EXPLORATION COMPANY INC  
Address: 1675 BROADWAY - SUITE 1600  
City: DENVER State: CO Zip: 80202

3. Contact Information

Name: Terry L. Hoffman  
Phone: (303) 250-0619  
Fax: (303) 412-8212  
email: tlhoffman@q.com

4. Location Identification:

Name: Avanti Number: 2-11-66  
County: WELD  
Quarter: SENE Section: 2 Township: 11N Range: 66W Meridian: 6 Ground Elevation: 6019  
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: 1669 feet, from North or South section line: FNL and 580 feet, from East or West section line: FEL  
Latitude: 40.952450 Longitude: -104.735960 PDOP Reading: 1.6 Date of Measurement: 07/09/2010  
Instrument Operator's Name: Jason D. Levanen/Western Land Services

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"/> 1	Wells: <input type="checkbox"/> 1	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="checkbox"/> 1	Separators: <input type="checkbox"/> 1	Electric Motors: <input type="checkbox"/>	Multi-Well Pits: <input type="checkbox"/>
Gas or Diesel Motors: <input type="checkbox"/> 1	Cavity Pumps: <input type="checkbox"/>	LACT Unit: <input type="checkbox"/>	Pump Jacks: <input type="checkbox"/> 1	Pigging Station: <input type="checkbox"/>
Electric Generators: <input type="checkbox"/>	Gas Pipeline: <input type="checkbox"/> 1	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/>	Flare: <input type="checkbox"/>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="checkbox"/> 1	Oil Tanks: <input type="checkbox"/> 2	Fuel Tanks: <input type="checkbox"/>	

Other: \_\_\_\_\_

6. Construction:

Date planned to commence construction: 08/24/2010 Size of disturbed area during construction in acres: 7.80
Estimated date that interim reclamation will begin: 11/05/2010 Size of location after interim reclamation in acres: 2.60
Estimated post-construction ground elevation: 6020 Will a closed loop system be used for drilling fluids: Yes
Will salt sections be encountered during drilling: Yes No X Is H2S anticipated? Yes No X
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes No X
Mud disposal: Offsite Onsite X Method: Land Farming Land Spreading X Disposal Facility
Other:

7. Surface Owner:

Name: Phone:
Address: Fax:
Address: Email:
City: State: Zip: Date of Rule 306 surface owner consultation: 07/03/2010
Surface Owner: X Fee State Federal Indian
Mineral Owner: Fee State X 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 X Blanket Surety ID 20100120

8. Reclamation Financial Assurance:

X Well Surety ID: 20100082 Gas Facility Surety ID: Waste Mgnt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No X
Distance, in feet, to nearest building: 5280 , public road: 5280 , above ground utilit: 5280
, railroad: 5280 , property line: 5280

10. Current Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: X Rangeland Timber Recreational Other (describe):
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: X 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: (#51) Peetz gravelly sandy loam, 5-20% slopes

NRCS Map Unit Name: (#5) Ascalon fine sandy loam, 6-9% slopes

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: \_\_\_\_\_

List individual species: Little Bluestem, Prairie sandreed, Sideoats grama, Western wheatgrass, needleandthread and other perennial forbs.

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: 550, water well: 5280, depth to ground water: 311

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:

Any measurement 5280' is one mile or greater. Closest water well is permit #26293 with a static water level of 311.

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

Signed: \_\_\_\_\_ Date: 08/09/2010 Email: tlhoffman@q.com

Print Name: Terry L. Hoffman Title: Permit Agent

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: 9/17/2010

**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.**

**Attachment Check List**

Att Doc Num	Name	Doc Description
1641904	NRCS MAP UNIT DESC	LF@2523652 1641904
1641905	CORRESPONDENCE	LF@2523653 1641905
400082747	FORM 2A SUBMITTED	LF@2521297 400082747
400082771	NRCS MAP UNIT DESC	LF@2521298 400082771
400082777	HYDROLOGY MAP	LF@2521299 400082777
400082781	LOCATION PICTURES	LF@2521300 400082781
400082782	CONST. LAYOUT DRAWINGS	LF@2521301 400082782
400082783	REFERENCE AREA MAP	LF@2521302 400082783
400082786	REFERENCE AREA PICTURES	LF@2521303 400082786
400082787	WELL LOCATION PLAT	LF@2521304 400082787
400083100	ACCESS ROAD MAP	LF@2521305 400083100
400083102	LOCATION DRAWING	LF@2521306 400083102
400083262	PROPOSED BMPs	LF@2521307 400083262

Total Attach: 13 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Surface Restoration Bond on file with SLB per T. Kelly.	9/17/2010 5:42:35 AM
Permit	Waiting on confirmation that surface restoration bond is on file with the State Land Board. PVG	9/1/2010 9:28:42 AM
OGLA	OGLA task passed.	8/31/2010 8:24:43 AM
OGLA	Added the missing Ascalon fine sandy loam NRCS soil unit description attachment.	8/16/2010 12:43:02 PM

Total: 4 comment(s)

Error: Subreport could not be shown.