

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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| DE | ET | OE | ES |
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Document Number:  
400098208

**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:  
**420207**  
Expiration Date:  
**11/01/2013**

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: Birds of Prey Number: 36-10-61  
County: WELD  
Quarter: SESE Section: 36 Township: 10N Range: 61W Meridian: 6 Ground Elevation: 5077  
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: 1173 feet, from North or South section line: FSL and 600 feet, from East or West section line: FEL  
Latitude: 40.786580 Longitude: -104.146466 PDOP Reading: 2.3 Date of Measurement: 08/12/2010  
Instrument Operator's Name: George Anderson/GeoSurv

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

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

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

6. Construction:

Date planned to commence construction: 10/31/2010 Size of disturbed area during construction in acres: 4.10
Estimated date that interim reclamation will begin: 01/30/2012 Size of location after interim reclamation in acres: 1.00
Estimated post-construction ground elevation: 5077 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: 06/04/2010
Surface Owner: Fee State Federal Indian
Mineral Owner: Fee State Federal Indian
The surface owner is: X the mineral owner X committed to an oil and gas lease
X is the executer of the oil and gas lease the applicant
The right to construct the location is granted by: X 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:

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: 4487 , public road: 4047 , above ground utilit: 5280
, railroad: 5280 , property line: 600

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: #44 - Olney fine sandy loam, 0 to 6% slopes

NRCS Map Unit Name: #27 - Epping silt loam, 0 to 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: Needleandthread, Threadleaf sedge, Little bluestem, Sideoats grama, Prairie sandreed, Sand dropseed

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: 5280, water well: 1150, depth to ground water: 85

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:

All measurements of 5280' are one mile or greater. Closest Water Well is permit #70609, with a static water level of 85'.

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

Signed: \_\_\_\_\_ Date: 10/08/2010 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: 11/2/2010

**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      |
|-------------|-------------------------|----------------------|
| 2613330     | HYDROLOGY MAP           | LF@2612089 2613330   |
| 2613331     | CORRESPONDENCE          | LF@2612090 2613331   |
| 2613333     | WAIVERS                 | LF@2612402 2613333   |
| 400098208   | FORM 2A SUBMITTED       | LF@2606664 400098208 |
| 400098221   | NRCS MAP UNIT DESC      | LF@2606665 400098221 |
| 400098222   | NRCS MAP UNIT DESC      | LF@2606666 400098222 |
| 400098229   | REFERENCE AREA MAP      | LF@2606667 400098229 |
| 400098231   | PROPOSED BMPs           | LF@2606668 400098231 |
| 400098981   | REFERENCE AREA PICTURES | LF@2606669 400098981 |
| 400101695   | HYDROLOGY MAP           | LF@2606670 400101695 |
| 400102772   | LOCATION PICTURES       | LF@2606671 400102772 |
| 400102774   | LOCATION DRAWING        | LF@2606672 400102774 |
| 400102778   | ACCESS ROAD MAP         | LF@2606673 400102778 |

Total Attach: 13 Files

**General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>   | <b><u>Comment Date</u></b> |
|--------------------------|---|----------------------------|
| OGLA                     | Slawson requested expedited review due to exigent circumstances. SLB lease expiration date is 11/15/2010. Spud date is proposed for 11/5/2010. Uploaded operator request to waive comment period per rule 303.l. Uploaded LGD and surface owner waivers to 20 day comment period. Uploaded operator waiver of right to hearings Rule 305.d.(2). | 11/2/2010<br>12:42:52 PM   |
| Permit                   | Surface Restoration Bond on file with SLB; per Tim Kelly  | 11/1/2010<br>4:00:41 PM    |
| OGLA                     | Changed distance to nearest water well from 4600 feet to 1150 feet based on revised Hydrology Map. Uploaded revised Hydrology Map supplied by operator. OGLA Ready to Pass.   | 11/1/2010<br>2:32:40 PM    |
| Permit                   | E-mailed Tim Kelly at SLB for verification of Surface Restoration bond.   | 11/1/2010<br>11:29:23 AM   |
| Permit                   | E-mailed Tim Kelly at SLB for verification of Surface Restoration bond.   | 11/1/2010<br>11:29:11 AM   |
| Permit                   | Attachments corrected. sf   | 10/22/2010<br>7:50:36 AM   |
| Permit                   | Back to draft requested by operator - kalen. sf   | 10/19/2010<br>12:11:16 PM  |
| Permit                   | Return to draft for hydrology map to be reattached as it won't open   | 10/12/2010<br>11:21:15 AM  |

Total: 8 comment(s)

Error: Subreport could not be shown.