

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



Table with columns DE, ET, OE, ES

Document Number: 1633238

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: 312325

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.

Location ID: 312325 Expiration Date: 03/30/2014

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: 10245 Name: SINGLETREE RESOURCES INC Address: 25528 GENESEE TRAIL RD City: GOLDEN State: CO Zip: 80401

3. Contact Information

Name: TONY MARKVE Phone: (303) 462-3604 Fax: (303) 462-3739 email: TONY@DOUBBTS.COM

4. Location Identification:

Name: JULIE CAMPBELL Number: 1 County: LOGAN Quarter: SESE Section: 8 Township: 11N Range: 54W Meridian: 6 Ground Elevation: 4313 Define a single point as a location reference for the facility location. Footage at surface: 1314 feet FSL, from North or South section line, and 660 feet FEL, from East or West section line. Latitude: 40.938810 Longitude: -103.422610 PDOP Reading: 1.5 Date of Measurement: 10/08/2009 Instrument Operator's Name: RICHARD GABRIEL

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

Special Purpose Pits: 0 Drilling Pits: 0 Wells: 1 Production Pits: 0 Dehydrator Units: 0 Condensate Tanks: 0 Water Tanks: 1 Separators: 1 Electric Motors: 0 Multi-Well Pits: 3 Gas or Diesel Motors: 0 Cavity Pumps: 0 LACT Unit: 0 Pump Jacks: 1 Pigging Station: 1 Electric Generators: 0 Gas Pipeline: 0 Oil Pipeline: 0 Water Pipeline: 0 Flare: 0 Gas Compressors: 0 VOC Combustor: 0 Oil Tanks: 2 Fuel Tanks: 0 Other:

6. Construction:

Date planned to commence construction: 08/18/2009 Size of disturbed area during construction in acres: 4.00  
Estimated date that interim reclamation will begin: 03/31/2011 Size of location after interim reclamation in acres: 2.00  
Estimated post-construction ground elevation: 4313 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: \_\_\_\_\_

7. Surface Owner:

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Address: \_\_\_\_\_ Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Date of Rule 306 surface owner consultation: 07/18/2005  
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: 20080035  Gas Facility Surety ID: \_\_\_\_\_  Waste Mgmt. Surety ID: \_\_\_\_\_

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes  No   
Distance, in feet, to nearest building: 4000, public road: 1320, above ground utilit: 1300  
, 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:  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:  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.

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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: MITCHELL-LOAM 0 TO 3 PERCENT 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: 12/04/2011

List individual species: \_\_\_\_\_

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): SAGEBRUSH

**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: 3000, water well: 1550, depth to ground water: 150

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:**

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

Signed: \_\_\_\_\_ Date: 01/28/2011 Email: TONY@DOUBTBS.COM

Print Name: TONY MARKVE Title: VICE PRESIDENT

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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: \_\_\_\_\_

*David S. Nesline*

Director of COGCC

Date: 3/31/2011

**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.**

Reference Area Pictures and Map must be submitted within twelve (12) months of the approval of the Form 2A.

**Attachment Check List**

Att Doc Num	Name
1633238	FORM 2A
1633239	LOCATION PICTURES
1633240	LOCATION PICTURES
1633241	LOCATION DRAWING
1633242	HYDROLOGY MAP
1633243	ACCESS ROAD MAP
1633244	REFERENCE AREA MAP
1633245	NRCS MAP UNIT DESC
1633246	SENSITIVE AREA DATA
2613535	LOCATION PICTURES
2613536	LOCATION PICTURES
2613537	LOCATION PICTURES
2613538	CORRESPONDENCE
400133475	LOCATION DRAWING
400133476	NRCS MAP UNIT DESC
400140811	SURFACE AGRMT/SURETY

Total Attach: 16 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
OGLA	Changed rule 901.e. Sensitive Area Determination to No. Attached Location Pictures. Ready to Pass 3/30/2011.	3/22/2011 10:06:41 AM
OGLA	This Form 2A is for the construction of 2 production pits. Form 15s were submitted concurrently. Operator has indicated depth to ground water is 150 feet. Water well permits 11708, 260044 indicated depth to water may be 40 feet with clay and silt in shallow subsurface. Location is not a sensitive area.	3/10/2011 10:47:42 AM
Permit	Still had missing information regarding facilities. Opr Tony supplied. New version of SUA attached. It appears that he is adding a tank to this location, though he checked that it is part of a location assessment included with APD. Also he has only attached two location photo's. sf	3/9/2011 11:34:30 AM
Permit	Corrections to surface owner infor, and requ'd attachments supplied by e-mail ( Opr Tony) and attached/corrected to this form.v sf	2/15/2011 12:48:23 PM
Permit	Waiting on info from operator which includes location photos, location drawing, surface owner info and bond info, as well as answers to construction area. sf	2/15/2011 10:07:16 AM
Data Entry	CHANGED RECLAMMATION DATE FROM 8/24/2009 TO 02/15/2011 IN ORDER TO BE SUBMITTED. ARMY CORPS OF ENGINEERS WAS OMITTED BY OPERATOR.	2/14/2011 12:58:02 PM

Total: 6 comment(s)

**BMP**

Type

Comment

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)