

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



| | | | |
|----|----|----|----|
| DE | ET | OE | ES |
|----|----|----|----|

Document Number:

2592743

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: 312252

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 standalone 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:

312252

Expiration Date:

03/08/2014

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: HALEY SMITH Number: 1
 County: LOGAN
 QuarterQuarter: NESE Section: 24 Township: 11N Range: 54W Meridian: 6 Ground Elevation: 4311
 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: 1993 feet FSL, from North or South section line, and 656 feet FEL, from East or West section line.
 Latitude: 40.911510 Longitude: -103.345980 PDOP Reading: 2.0 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: Drilling Pits: Wells: Production Pits: Dehydrator Units:
 Condensate Tanks: Water Tanks: Separators: Electric Motors: Multi-Well Pits:
 Gas or Diesel Motors: Cavity Pumps: LACT Unit: Pump Jacks: Pigging Station:
 Electric Generators: Gas Pipeline: Oil Pipeline: Water Pipeline: Flare:
 Gas Compressors: VOC Combustor: Oil Tanks: Fuel Tanks:
 Other: SEPARATOR CONSISTS OF A GAS FIRED HEATER TREATER

6. Construction:

Date planned to commence construction: 08/15/2009 Size of disturbed area during construction in acres: 3.50
 Estimated date that interim reclamation will begin: 03/09/2011 Size of location after interim reclamation in acres: 2.25
 Estimated post-construction ground elevation: 4310 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: NO MUD DISPOSAL NEEDED

7. Surface Owner:

Name: _____ Phone: _____
 Address: _____ Fax: _____
 Address: _____ Email: _____
 City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: 08/05/2010
 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 Mgnt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No
 Distance, in feet, to nearest building: 5280, public road: 660, above ground utilit: 660
 , railroad: 5280, property line: 660

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.

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: (71) - MITCHELL-NORKA LOAMS, 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: 08/05/2010

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: 3500, water well: 2000, depth to ground water: 300

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:

No visible improvements within 400'

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

Signed: _____ Date: 01/12/2011 Email: TONY@DOUBTS.COM

Print Name: TONY MARKVE Title: VICE PRESIDENT

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: 3/9/2011

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.

Updated with SUA attachment

Reference Area Map and Reference Area Pictures must be submitted within twelve (12) months of the Form 2A (2/14/2012).

Attachment Check List

| Att Doc Num | Document Name | attached ? | |
|-----------------------------|-------------------------|---|--|
| Attachment Checklist | | | |
| | 317B Notification | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 2613520 | Access Road Map | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | CDP Conditions | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| | Const Layout Drawings | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 2592748 | Hydrology Map | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Location Drawing | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 2592744 | Location Pictures | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Multi-well Plan | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 2613488 | NRCS Map Unit Desc | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Other | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| | Proposed BMPs | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 2592750 | Reference Area Map | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Reference Area Pictures | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| | Section 404 Permit | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| | Sensitive Area Data | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| | Sensitive Area Map | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| Other Attachments | | | |
| 2530261 | SURFACE AGRMT/SURETY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 2592743 | FORM 2A | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 2613522 | CORRESPONDENCE | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|--|----------------------------|
| Permit | pending request to see SUA. Bonding on as was done with permit until we see the SUA. This permit was sent in to add a production pit. | 3/8/2011 3:52:37 PM |
| OGLA | Attached West Facing Location Picture. Attached Access Road Map. Added 1 production pit to Facilities List; changed size of disturbance; Nearest building and nearest railroad are both greater than 1 mile from location - changed distances to 5280. | 3/8/2011 11:32:15 AM |
| OGLA | This Form 2A was submitted in conjunction with a Form 15 for a production pit. Requested additional information from operator. | 2/22/2011 9:08:29 AM |
| Permit | Rec'd attachment of access road map & and location drawing and uploaded to this document. Also received NRCS, and answers in construction area. All uploaded and attached. sf | 2/14/2011 10:12:44 AM |
| Permit | Comment added to operators comment as per Tony. sf | 2/7/2011 4:09:33 PM |
| Permit | Missing location drawing, access road map, NRCS. Location pic's not staked or dated. Section on Construction has not been answered. NO comments as to changes to the pad. Uses an SUA - no comments as to it being attached to former form 2. sf | 2/1/2011 2:42:51 PM |

Total: 6 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|--------------------|-----------------------|
| | |

Total: 0 comment(s)