

FORM  
2

Rev  
12/05

# State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400404086

Date Received:

04/15/2013

## APPLICATION FOR PERMIT TO:

1.  Drill,  Deepen,  Re-enter,  Recomplete and Operate

### 2. TYPE OF WELL

OIL  GAS  COALBED  OTHER \_\_\_\_\_  
SINGLE ZONE  MULTIPLE  COMMINGLE

Refiling

Sidetrack

PluggingBond SuretyID

20080035

3. Name of Operator: SINGLETREE RESOURCES INC

4. COGCC Operator Number: 10245

5. Address: 521 PROGRESS CIRCLE #1

City: CHEYENNE State: WY Zip: 82007

6. Contact Name: Tony Markve Phone: (307)316-0010 Fax: (307)222-0281

Email: tony@singletreeresources.com

7. Well Name: Casement Well Number: 2

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 5310

### WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 8 Twp: 11N Rng: 54W Meridian: 6

Latitude: 40.936920 Longitude: -103.427370

Footage at Surface: 694 feet FNL/FSL 2055 feet FEL/FWL FEL

11. Field Name: Scarp Field Number: 76700

12. Ground Elevation: 4310 13. County: LOGAN

### 14. GPS Data:

Date of Measurement: 03/13/2013 PDOP Reading: 1.9 Instrument Operator's Name: C. Vanmatre

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_ Bottom Hole: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_

Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_ Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

16. Is location in a high density area? (Rule 603b)?  Yes  No

17. Distance to the nearest building, public road, above ground utility or railroad: 450 ft

18. Distance to nearest property line: 2300 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1366 ft

### 20. LEASE, SPACING AND POOLING INFORMATION

| Objective Formation(s) | Formation Code | Spacing Order Number(s) | Unit Acreage Assigned to Well | Unit Configuration (N/2, SE/4, etc.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| D Sand                 | DSND           |                         |                               |                                      |
| J Sand                 | JSND           |                         |                               |                                      |

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: \_\_\_\_\_

22. Surface Ownership:  Fee  State  Federal  Indian

23. Is the Surface Owner also the Mineral Owner?  Yes  No Surface Surety ID#: \_\_\_\_\_

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease?  Yes  No

23b. If 23 is No:  Surface Owners Agreement Attached or  \$25,000 Blanket Surface Bond  \$2,000 Surface Bond  \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

See attached sheet

25. Distance to Nearest Mineral Lease Line: 694 ft

26. Total Acres in Lease: 2090

### DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated?  Yes  No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling?  Yes  No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling?  Yes  No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)?  Yes  No

31. Mud disposal:  Offsite  Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method:  Land Farming  Land Spreading  Disposal Facility Other: \_\_\_\_\_

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| SURF        | 12+1/4       | 8+5/8          | 24    | 0             | 159           | 0         | 159     | 0       |
| 1ST         | 7+7/8        | 4+1/2          | 11.6  | 0             | 5,310         | 790       | 5,310   | 0       |

32. BOP Equipment Type:  Annular Preventer  Double Ram  Rotating Head  None

33. Comments This will be the re-entry of a previously drilled well. This well has also been previously permitted by SingleTree, so it is a re-entry and a re-filing. The well currently has the surface casing installed and in order to cover additional zones near the surface casing shoe, the production casing will be cemented in the full annulus in order to isolate the upper zones.

34. Location ID: 389047

35. Is this application in a Comprehensive Drilling Plan ?  Yes  No

36. Is this application part of submitted Oil and Gas Location Assessment ?  Yes  No

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

Signed: \_\_\_\_\_ Print Name: Tony Markve

Title: engineer Date: 4/15/2013 Email: tony@singletreeresources.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 5/19/2013

#### API NUMBER

05 075 07105 00

Permit Number: \_\_\_\_\_ Expiration Date: 5/18/2015

#### CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

- 1) If completed, provide cement coverage from TD to a minimum of 200' above D-Sand and from 290' to 50' above surface casing shoe. Verify coverage with cement bond log.
- 2) If dry hole, set 40 sks cement at top of J-Sand, set 40 sks cement at top of D-Sand, 50 sks cement ½ out, ½ in surface casing, 15 sks cement top of surface casing, cut 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole.

**Applicable Policies and Notices to Operators**

Notice Concerning Operating Requirements for Wildlife Protection.

**Attachment Check List**

| Att Doc Num | Name                 |
|-------------|----------------------|
| 400404086   | FORM 2 SUBMITTED     |
| 400404146   | PLAT                 |
| 400404294   | MINERAL LEASE MAP    |
| 400406656   | SURFACE AGRMT/SURETY |
| 400406659   | WELLBORE DIAGRAM     |

Total Attach: 5 Files

**General Comments**

| <u>User Group</u> | <u>Comment</u>  | <u>Comment Date</u>      |
|-------------------|---|--------------------------|
| Permit            | Corrected mud disposal to match form 2A. Final Review Completed. No LGD or public comment received.   | 5/16/2013<br>12:31:52 PM |
| Permit            | Per operator corrected distance to nearest wellbore, nearest utility, and property owner also owns parts of section 17 and 9 placing the nearest property line 2300' away.                            | 5/13/2013<br>3:46:52 PM  |
| Permit            | Requested distance to nearest wellbore, nearest utility, and distance to nearest property line. Initial review complete.  | 5/9/2013 7:00:51<br>AM   |
| Permit            | Operator corrected SUA, casing tab, and 30 day notice. This form has passed completeness.   | 4/22/2013<br>6:25:05 AM  |
| Permit            | Returned to draft:<br>1) Casing tab needs to be completed.<br>2) 30 notice letter does not have to be attached, but if so, it should refer to SWSE of section.<br>3) SUA--signatures are not visible. | 4/19/2013<br>8:29:02 AM  |
| Permit            | Returned to draft. Line 36 should be "Yes" this is part of an Oil and Gas Location Assessment.  | 4/16/2013<br>11:27:30 AM |

Total: 6 comment(s)

**BMP**

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