


<b>FORM</b> <b>2</b> Rev 12/05	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table>	DE	ET	OE	ES
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>			Document Number:  400140699  Plugging Bond Surety  20080134				
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>PINE RIDGE OIL &amp; GAS LLC</u>		4. COGCC Operator Number: <u>10276</u>					
5. Address: <u>600 17TH ST STE 800S</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>							
6. Contact Name: <u>Jill Lazatin</u> Phone: <u>(303)226-1316</u> Fax: <u>(303)226-1301</u> Email: <u>jill.lazatin@cometridgeresources.com</u>							
7. Well Name: <u>Triggerfish</u>		Well Number: <u>22-31</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>4390</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>SENW</u> Sec: <u>31</u> Twp: <u>19S</u> Rng: <u>69W</u> Meridian: <u>6</u> Latitude: <u>38.354133</u> Longitude: <u>-105.155972</u>							
Footage at Surface: <u>1947</u> feet    FNL/FSL <u>FNL</u> <u>1867</u> feet    FEL/FWL <u>FWL</u>							
11. Field Name: <u>Florence-Canon City</u>		Field Number: <u>24600</u>					
12. Ground Elevation: <u>5597</u>		13. County: <u>FREMONT</u>					
14. GPS Data: Date of Measurement: <u>03/10/2011</u> PDOP Reading: <u>2.7</u> Instrument Operator's Name: <u>Steven Parker</u>							
15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> Footage at Top of Prod Zone:    FNL/FSL    FEL/FWL    Bottom Hole:    FNL/FSL    FEL/FWL <u>1947</u> <u>FNL</u> <u>1867</u> <u>FWL</u> <u>2605</u> <u>FSL</u> <u>2569</u> <u>FEL</u> Sec: <u>31</u> Twp: <u>19S</u> Rng: <u>69W</u> Sec: <u>31</u> Twp: <u>19S</u> Rng: <u>69W</u>							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>200 ft</u>							
18. Distance to nearest property line: <u>180 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>5280 ft</u>							
<b>20. LEASE, SPACING AND POOLING INFORMATION</b>							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well				
Pierre Shale	PRRE						
Unit Configuration (N/2, SE/4, etc.)							

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

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: None

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 Bon ☐ \$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):  
Township 19 South, Range 69 West, 6th P.M. Section 19: NE/4SW/4 Section 30: NE/4, W/2SE/4, E/2SW/4 Section 31: E/2, E/2W/2 Fremont County, Colorado

25. Distance to Nearest Mineral Lease Line: 520 ft 26. Total Acres in Lease: 840

**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: Evaporation and Burial

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
CONDUCTOR	24	16	1/4 WT	0	60	60	60	0
SURF	12+1/4	8+5/8	24 ppf	0	660	252	660	0
1ST	7+7/8	5+1/2	15.5 ppf	0	4,930			

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

33. Comments \_\_\_\_\_

34. Location ID: \_\_\_\_\_

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: Jill Lazatin

Title: Engineer Technician Date: 3/14/2011 Email: jill.lazatin@cometridgeresource

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. Neslin Director of COGCC Date: 3/22/2011

**API NUMBER**

05 043 06203 00

Permit Number: \_\_\_\_\_ Expiration Date: 3/21/2013

**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) Provide 48 hour notice of MIRU to Mike Leonard at 719-647-9715 or e-mail at mike.leonard@state.co.us.
- 2) If well is a dry hole, set 50 sks cement across surface casing shoe, 15 sks cement from 50' up in surface casing, cut off casing 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Derrick height (ground to crown) cannot exceed 118 feet due to the close proximity of an above ground utility.

### **Attachment Check List**

Att Doc Num	Name
400140699	FORM 2 SUBMITTED
400140706	TOPO MAP
400140707	LEASE MAP
400140710	DEVIATED DRILLING PLAN
400142150	WAIVERS
400142205	WELL LOCATION PLAT
400142211	WAIVERS
400142438	VARIANCE REQUEST

Total Attach: 8 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	PERMITTING PASSED- JLV	3/22/2011 8:47:51 AM
Permit	Per Operator the height of the Derrick for the Triggerfish 22-31 is 79ft.	3/18/2011 4:12:55 PM
Permit	Request the required 4 photographs with each photograph identified by: date taken, well or location name and direction of view. Also request signature on the attached letter and distance to the overhead powerlines. Send the Form 2 back to draft for Operator to correct the deficiencies. JLV	3/16/2011 1:52:31 PM

Total: 3 comment(s)

### **BMP**

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

Total: 0 comment(s)