


<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> Document Number:  400150835  Plugging Bond Surety	DE	ET	OE	ES
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>							
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 type="checkbox"/> GAS <input checked="" 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>SOUTHWESTERN ENERGY VENTURES COMPANY LLC</u>		4. COGCC Operator Number: <u>10328</u>					
5. Address: <u>PO BOX 1056</u> City: <u>BAYFIELD</u> State: <u>CO</u> Zip: <u>81122</u>							
6. Contact Name: <u>Will Vaughan</u> Phone: <u>(970)946-2494</u> Fax: <u>()</u> Email: <u>will@pinnacleland.biz</u>							
7. Well Name: <u>Lee</u> Well Number: <u>2</u>							
8. Unit Name (if appl): _____      Unit Number: _____							
9. Proposed Total Measured Depth: <u>2500</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>lot 15</u> Sec: <u>6</u> Twp: <u>9S</u> Rng: <u>104W</u> Meridian: <u>6</u> Latitude: <u>39.313900</u> Longitude: <u>-109.036160</u>							
Footage at Surface: <u>1315</u> feet      FNL/FSL <u>FNL</u> 1060 feet      FEL/FWL <u>FEL</u>							
11. Field Name: <u>Bar X</u> Field Number: <u>5470</u>							
12. Ground Elevation: <u>5102</u> 13. County: <u>MESA</u>							
14. GPS Data: Date of Measurement: <u>11/03/2010</u> PDOP Reading: <u>1.4</u> Instrument Operator's Name: <u>David Alexander Johnson</u>							
15. If well is <input 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 _____ _____ Sec: _____ Twp: _____ Rng: _____      Sec: _____ Twp: _____ Rng: _____							
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>3970</u> ft							
18. Distance to nearest property line: <u>4200</u> ft      19. Distance to nearest well permitted/completed in the same formation: <u>5280</u> ft							
<b>LEASE, SPACING AND POOLING INFORMATION</b>							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)			
Morrison	MRSN						

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

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC65156

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 mineral lease description.

25. Distance to Nearest Mineral Lease Line: 1060 ft 26. Total Acres in Lease: 2205

**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	9+7/8	7	20	0	340	130	340	0
1ST	6+1/4	4+1/2	10.5	340	3,000	110	3,000	2,017

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

33. Comments It is the intent of the operator to cement the production casing to 500' above the Dakota formation. No conductor string will be used.

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: Will Vaughan

Title: Agent Date: 4/25/2011 Email: will@pinnacleland.biz

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: 6/8/2011

**API NUMBER**

05 077 10162 00

Permit Number: \_\_\_\_\_ Expiration Date: 6/7/2013

**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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

2) THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 000 FEET DEEP.

### **Attachment Check List**

Att Doc Num	Name
400150835	FORM 2 SUBMITTED
400151094	WELL LOCATION PLAT
400151106	LEGAL/LEASE DESCRIPTION
400157556	FED. DRILLING PERMIT

Total Attach: 4 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Added field name and number, commingle as no, QQ as lot 15 for clarity Removed unit name	4/29/2011 11:28:26 AM
Permit	Back to draft for plugging bond removal, answer to #31, related forms tab filled in. sf	4/26/2011 11:01:27 AM

Total: 2 comment(s)

### **BMP**

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

Total: 0 comment(s)