

|   |   |   |   |    |    |    |    |
|---|---|---|---|----|----|----|----|
| <b>FORM</b><br><b>2</b><br>Rev<br>12/05 | State of Colorado<br><b>Oil and Gas Conservation Commission</b><br>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  |    |    |    |    |

**APPLICATION FOR PERMIT TO:**

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

2. TYPE OF WELL

OIL  GAS  COALBED  OTHER \_\_\_\_\_

SINGLE ZONE  MULTIPLE ZONE  COMMINGLE ZONE

Refiling   
 Sidetrack

Document Number:  
 400151771  
 Plugging Bond Surety

3. Name of Operator: SOUTHWESTERN ENERGY VENTURES COMPANY LLC 4. COGCC Operator Number: 10328

5. Address: PO BOX 1056  
 City: BAYFIELD State: CO Zip: 81122

6. Contact Name: Will Vaughan Phone: (970)946-2494 Fax: ()  
 Email: will@pinnacleland.biz

7. Well Name: Federal Well Number: 6-6

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

9. Proposed Total Measured Depth: 2500

**WELL LOCATION INFORMATION**

10. QtrQtr: lot 20 Sec: 6 Twp: 9S Rng: 104W Meridian: 6  
 Latitude: 39.306920 Longitude: -109.046820

Footage at Surface: \_\_\_\_\_ feet FNL/FSL \_\_\_\_\_ feet FEL/FWL  
FSL FWL

11. Field Name: Bar X Field Number: 5470

12. Ground Elevation: 5022 13. County: MESA

14. GPS Data:  
 Date of Measurement: 05/04/2010 PDOP Reading: 1.6 Instrument Operator's Name: David Alexander Johnson

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: 1219 ft

18. Distance to nearest property line: 1219 ft 19. Distance to nearest well permitted/completed in the same formation: 5280 ft

**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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| 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):  
Please see attached lease description.  
25. Distance to Nearest Mineral Lease Line: 1219 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        | 8+3/4        | 7              | 23    | 0             | 340           |           | 340     | 0       |
| 1ST         | 6+1/4        | 4+1/2          | 10.5  | 340           | 2,565         | 200       | 2,565   | 1,900   |

32. BOP Equipment Type:  Annular Preventer  Double Ram  Rotating Head  None  
33. Comments Note: This well was drilled in 1979 and abandoned in 1980. A CICR was set at 1956'. Dakota perms 2158'-2268' were squeezed with 50 sx. Four squeeze holes were shot at 400' and the 4 1/2" x 7" annulus was cemented with 80 sx. Operator proposes to reenter and drill out cement plug at surface, test 4 1/2" casing to 500 psi for 30 minutes with 10% leakoff maximum, then drill cement and CICR @ 1956' and retest to 500 psi. The well will then be reperforated for production.

34. Location ID: 391017  
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. Nashin Director of COGCC Date: 6/7/2011

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

**API NUMBER**

05 077 08144 00

**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                    |
|-------------|-------------------------|
| 400151771   | FORM 2 SUBMITTED        |
| 400151783   | WELL LOCATION PLAT      |
| 400151785   | LEGAL/LEASE DESCRIPTION |
| 400157520   | 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 commingle as no and removed unit name<br>Added field name and number<br>Changed field name to Bar X   | 4/29/2011<br>1:28:25 PM    |
| Permit                   | back to draft for plugging bond removal, missing answers to #17 - #19. Also #23-lease description, and #31 mud disposal and #32 BOP type. Needs location ID for ReEntry. Attachment called legal lease description is Fed Drilling Permit. sf | 4/26/2011<br>9:52:26 AM    |

Total: 2 comment(s)

**BMP**

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

Total: 0 comment(s)