

FORM  
2

Rev  
12/05

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

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Date Received:

06/03/2013

PluggingBond SuretyID

20030028

## 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

3. Name of Operator: SWEPI LP

4. COGCC Operator Number: 78110

5. Address: 4582 S ULSTER ST PKWY #1400

City: DENVER State: CO Zip: 80237

6. Contact Name: Steve Compton Phone: (303)305-4017 Fax: (303)305-7554

Email: C-Steven.Compton@Shell.com

7. Well Name: Wood Gulch Well Number: 2-36

8. Unit Name (if appl): Wood Gulch Unit Number: COC75414X

9. Proposed Total Measured Depth: 5550

## WELL LOCATION INFORMATION

10. QtrQtr: 12 Sec: 36 Twp: 4N Rng: 92W Meridian: 6

Latitude: 40.281014 Longitude: -107.661369

Footage at Surface: 600 feet FNL FNL/FSL 2637 feet FEL FEL/FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 6569 13. County: MOFFAT

### 14. GPS Data:

Date of Measurement: 10/12/2012 PDOP Reading: 1.5 Instrument Operator's Name: G. McElroy

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

Footage at Top of Prod Zone: 880 FNL 2747 FEL FNL/FSL 941 FSL 949 FWL FEL/FWL  
Sec: 36 Twp: 4N Rng: 92W Sec: 36 Twp: 4N Rng: 92W

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: 1203 ft

18. Distance to nearest property line: 531 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 84 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.)
NIOBRARA	NBRR			

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: 1358.11

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):

Section 36, T4N, R92W. See attached map.

25. Distance to Nearest Mineral Lease Line: 600 ft

26. Total Acres in Lease: 652

### 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
CONDUCTOR	30+0/0	20+0/0	0	0	90	48	90	0
SURF	13+1/2	10+3/4	40.5	0	600	337	600	0
1ST	9+7/8	7+5/8	29.7	0	1,597	96	1,597	797
1ST LINER	6+3/4	5+1/2	17	1397	5,550	0		

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

33. Comments Attachments include a drilling plan and a surface use plan. Distance to the nearest Unit boundary is 600'.

34. Location ID: 429213

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: Anne Baldrige

Title: Reg & Env Lead - Swan

Date: 6/3/2013

Email: a.baldrige@shell.com

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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

**API NUMBER**

05

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**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.**

Date retrieval failed for the subreport 'IntPolicy\_MTC' located at: W:\eactpub\Net\Reports\policy\_ntc.rdl. Please check th

### Attachment Check List

Att Doc Num	Name
400417633	FORM 2 SUBMITTED
400420283	DEVIATED DRILLING PLAN
400420291	DIRECTIONAL DATA
400420294	WELLBORE DIAGRAM
400420296	DRILLING PLAN
400420312	MINERAL LEASE MAP
400420322	PLAT
400420323	TOPO MAP
400420731	MINERAL LEASE MAP

Total Attach: 9 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Returned to draft: 1) Distance to nearest well must be filled in.	3/3/2013 3:29:41 PM

Total: 1 comment(s)

### BMP

<u>Type</u>	<u>Comment</u>
Storm Water/Erosion Control	Storm Water management plans (SWMP) are in place to comply with both Colorado Department of Public Health and Environment (CDPHE) and Colorado Oil and Gas Conservation Commission (COGCC) storm water discharge permits. The construction layout for this location details Best Management Practices (BMP's) to be installed during the initial construction. Note that BMP's may be removed, altered, or replaced with the changing conditions in the field and the SWMP will be updated accordingly. The BMP's prescribed for the initial construction phase include, but are not limited to: <ul style="list-style-type: none"> <li>• Construct diversion ditch</li> <li>• Sediment Reservoirs</li> <li>• Check dams</li> <li>• Level spreaders</li> <li>• Stabilized construction entrance</li> <li>• Slash</li> <li>• Sediment Traps</li> <li>• Wattles</li> <li>• Terrace</li> <li>• Secondary containment berms</li> <li>• Detention ponds</li> </ul>
Interim Reclamation	Shell will consult with and follow the recommendations of the County Weed Supervisor.
Material Handling and Spill Prevention	Spill Prevention Control and Countermeasure Plans (SPCC) are in place to address material releases and to prescribe materials handling BMP's for the facility. "Good Housekeeping" measures will be taken to ensure proper waste disposal.

Total: 3 comment(s)