

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:

400334684

Date Received:

## 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

20030028

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: Nancy Feck Phone: (307)367-7934 Fax: (307)367-4285

Email: N.Feck@shell.com

7. Well Name: Deal Gulch Well Number: 8-16

8. Unit Name (if appl): Williams Fork Unit Number: COC74956X

9. Proposed Total Measured Depth: 8691

## WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 16 Twp: 5N Rng: 90W Meridian: 6

Latitude: 40.388008 Longitude: -107.497958

Footage at Surface: 2137 feet FNL FNL/FSL 2369 feet FEL FEL/FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 7210 13. County: MOFFAT

### 14. GPS Data:

Date of Measurement: 08/09/2012 PDOP Reading: 1.3 Instrument Operator's Name: B.Hunting

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

Footage at Top of Prod Zone: 1872 FNL 1341 FEL FNL/FSL FEL/FWL Bottom Hole: 160 FSL 2554 FWL  
Sec: 16 Twp: 5N Rng: 90W Sec: 16 Twp: 5N Rng: 90W

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: 2190 ft

18. Distance to nearest property line: 2494 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 429 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 #: 8471.5

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 mineral lease map and lease description. The Horizontal wellbore will produce from multiple leases. Distance to nearest Unit boundary is 1540'.

25. Distance to Nearest Mineral Lease Line: 0 26. Total Acres in Lease: 1306

### 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	20		0	90		90	0
SURF	13+1/2	10+3/4	40.5	0	1,250	667	1,250	0
1ST	7+7/8	5+1/2	17	0	8,691	78	4,814	4,014

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

33. Comments Depending on subsurface conditions, intermediate casing may be used. If intermediate casing is used, the hole will be 9 7/8". Intermediate casing of 7 5/8" will run from surface to 4814'. Production hole will be drilled at 6 3/4". A 5 1/2" production liner will be run from 4614' to 8691', uncemented. Item #25. Distance to nearest Unit boundary is 1540'.

34. Location ID: 428535

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: Nancy Feck

Title: Regulatory Technician Date: \_\_\_\_\_ Email: N.Feck@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.

### Attachment Check List

Att Doc Num	Name
400334777	MINERAL LEASE MAP
400334780	LEGAL/LEASE DESCRIPTION
400334781	DEVIATED DRILLING PLAN
400334782	DIRECTIONAL DATA
400334783	WELLBORE DIAGRAM
400334784	WELLBORE DIAGRAM
400334785	PLAT
400335311	TOPO MAP
400335312	DRILLING PLAN

Total Attach: 9 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

### BMP

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

Total: 0 comment(s)