

FORM 2 Rev 12/05	State of Colorado Oil and Gas Conservation Commission 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		DE ET OE ES
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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:
 1638092

Plugging Bond Surety
 20110028

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: MICHAEL L BERGSTROM Phone: (303)222-6347 Fax: (303)222-6358
 Email: MICHAEL.BERGSTROM@SHELL.COM

7. Well Name: HERRING DRAW Well Number: 1-9

8. Unit Name (if appl): Williams Fork Unit Number: COC 74956X

9. Proposed Total Measured Depth: 6461

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 9 Twp: 4N Rng: 90W Meridian: 6
 Latitude: 40.327958 Longitude: -107.507844

Footage at Surface: 2042 feet FSL 2238 feet FEL

11. Field Name: WADDLE CREEK Field Number: 90450

12. Ground Elevation: 6926 13. County: MOFFAT

14. GPS Data:
 Date of Measurement: 03/01/2011 PDOP Reading: 2.5 Instrument Operator's Name: A FLOYD

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

1800 FSL 2320 FWL 1307 FSL 2377 FWL

Sec: 9 Twp: 4N Rng: 90W Sec: 9 Twp: 4N 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: 4530 ft

18. Distance to nearest property line: 2042 ft 19. Distance to nearest well permitted/completed in the same formation: 900 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.)
NIOBRARA SHALE	NBRR			

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

21. Mineral Ownership: Fee State Federal Indian Lease #: _____
22. Surface Ownership: Fee State Federal Indian
23. Is the Surface Owner also the Mineral Owner? Yes No Surface Surety ID#: 20030020
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 "EXHIBITA" AND "EXHIBIT B"
25. Distance to Nearest Mineral Lease Line: 650 ft 26. Total Acres in Lease: 2080

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	13+1/2	10+3/4	40.5	0	500	133	500	0
1ST	9+7/8	7+5/8	29.7	0	2,791	60	2,791	2,150

32. BOP Equipment Type: Annular Preventer Double Ram Rotating Head None
33. Comments PILOT HOLE FORM 15 # 1638089

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: MICHAEL L BERGSTROM
Title: SR REGULATORY ADVISOR Date: 4/6/2011 Email: MICHAEL.BERGSTROM@SH

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: 8/2/2011

API NUMBER
05 081 07668 00 Permit Number: _____ Expiration Date: 8/1/2013

CONDITIONS OF APPROVAL, IF ANY: _____

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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.

Before placing oil/salt based muds in the pit, operator must file and receive prior approval of a Pit Permit, Form 15. COGCC regulations regarding pit permits can be found in Rule 903.a.(3). PIT PERMITTING/REPORTING REQUIREMENTS.

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

(2) CEMENT ON PRODUCTION CASING MUST BE AT LEAST 200' ABOVE TOP OF FT. UNION AND COMPLY WITH RULES 209 AND 317.I. SEGREGATE OIL, GAS, AND FRESH-WATER-BEARING ZONES AND PROTECT COAL SEAMS. VERIFY TOP WITH CBL.

(3) RESERVE PIT MUST BE LINED.

(4) OPERATOR MUST ENSURE 110 PERCENT SECONDARY CONTAINMENT FOR ANY VOLUME OF FLUIDS CONTAINED AT WELL-SITE DURING DRILLING AND COMPLETION OPERATIONS. IF FLUIDS ARE CONVEYED VIA PIPELINE, OPERATOR MUST IMPLEMENT BEST-MANAGEMENT-PRACTICES TO CONTAIN ANY UNINTENTIONAL RELEASE OF FLUIDS.

(5) THE 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 00 FEET DEEP.

Attachment Check List

Att Doc Num	Name
1638092	APD ORIGINAL
1638106	WELL LOCATION PLAT
1638107	TOPO MAP
1638108	WELLBORE DIAGRAM
1638109	LEASE MAP
1638110	LEGAL/LEASE DESCRIPTION
2089430	DEVIATED DRILLING PLAN
2089432	WELL LOCATION PLAT
2089450	MINERAL LEASE MAP
2112886	CORRESPONDENCE
2112887	FED. DRILLING PERMIT
2112888	DRILLING PLAN
2112889	SURFACE PLAN

Total Attach: 13 Files

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General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Williams Fork federal unit has been approved	8/1/2011 5:19:49 PM
Permit	Changed top of production footages per Aleta Brown	6/14/2011 10:13:25 AM
Permit	Changed distance to nearest well, Stover 1-9, to 900'	5/3/2011 5:38:26 PM
Permit	Distance to road changed to 4,530' per Aleta Brown	4/26/2011 11:03:55 AM
Permit	Corrected bhl and attached directional plan, removed incorrect well location plat and attached correct version	4/25/2011 11:27:05 AM
Permit	Completed initial review, operator notified of deficiencies Changed commingle to no and well type to directional Added plugging bond information and location id	4/18/2011 11:13:35 AM
Permit	Needs plugging bond, clarification on surf bond or lease, check on amending location or new as well is 141' from Ray Durham 1. sf	4/11/2011 1:32:43 PM

Total: 7 comment(s)

BMP

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

Total: 0 comment(s)