


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		<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
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APPLICATION FOR PERMIT TO:			Document Number: 1638091 Plugging Bond Surety 20010034				
1. <input checked="" type="checkbox"/> Drill, <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input 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 checked="" type="checkbox"/>					
3. Name of Operator: <u>SWEPI LP</u>		4. COGCC Operator Number: <u>78110</u>					
5. Address: <u>4582 S ULSTER ST PKWY #1400</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80237</u>							
6. Contact Name: <u>MICHAEL L BERGSTROM</u> Phone: <u>(303)222-6347</u> Fax: <u>(303)222-6358</u> Email: <u>MICHAEL.BERGSTROM@SHELL.COM</u>							
7. Well Name: <u>HERRING DRAW</u>		Well Number: <u>1-9</u>					
8. Unit Name (if appl): <u>Williams Fork</u>		Unit Number: <u>COC 74956X</u>					
9. Proposed Total Measured Depth: <u>6461</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>NWSE</u> Sec: <u>9</u> Twp: <u>4N</u> Rng: <u>90W</u> Meridian: <u>6</u> Latitude: <u>40.327958</u> Longitude: <u>-107.507844</u>							
Footage at Surface: <u>2042</u> feet FNL/FSL <u>FSL</u> <u>2238</u> feet FEL/FWL <u>FEL</u>							
11. Field Name: <u>WADDLE CREEK</u>		Field Number: <u>90450</u>					
12. Ground Elevation: <u>6926</u>		13. County: <u>MOFFAT</u>					
14. GPS Data: Date of Measurement: <u>03/01/2011</u> PDOP Reading: <u>2.5</u> Instrument Operator's Name: <u>A. FLOYD</u>							
15. If well is <input type="checkbox"/> Directional <input checked="" type="checkbox"/> Horizontal (highly deviated) submit deviated drilling plan. Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL <u>1800</u> <u>FSL</u> <u>2251</u> <u>FWL</u> <u>863</u> <u>FNL</u> <u>709</u> <u>FWL</u> Sec: <u>9</u> Twp: <u>4N</u> Rng: <u>90W</u> Sec: <u>16</u> Twp: <u>4N</u> Rng: <u>90W</u>							
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>4530 ft</u>							
18. Distance to nearest property line: <u>2042 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>900 ft</u>							
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 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 "EXHIBIT A" 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

Method: ☐ Land Farming ☐ Land Spreading ☒ Disposal Facility Other: _____

If 28, 29, or 30 are "Yes" a pit permit may be required.

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
2ND	6+3/4	5+1/2	17	0	6,461	0		

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

33. Comments HORIZONTAL LATERAL FORM 15 #1638089

34. Location ID: 392134

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 01

Permit Number: _____ Expiration Date: 8/1/2013

CONDITIONS OF APPROVAL, IF ANY:

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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
1638091	APD ORIGINAL
1638111	WELL LOCATION PLAT
1638112	TOPO MAP
1638113	LEASE MAP
1638114	LEGAL/LEASE DESCRIPTION
1638115	OTHER
2089431	DEVIATED DRILLING PLAN
2089450	MINERAL LEASE MAP
2112887	FED. DRILLING PERMIT
2112888	DRILLING PLAN
2112889	SURFACE PLAN

Total Attach: 11 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 5:12:25 PM
Permit	Changed top of production footages per Aleta Brown	6/14/2011 10:11:54 AM
Permit	Changed distance to nearest well, Stover 1-9, to 900'	5/3/2011 5:41:14 PM
Permit	Distance to road changed to 4,530' per Aleta Brown	4/26/2011 10:55:35 AM
Permit	Operator clarified information and corrections were made to application Attached directional plan	4/25/2011 11:28:52 AM
Permit	Completed initial review, operator notified of deficiencies Added commingle as no, location id, and plugging bond information	4/18/2011 11:18:22 AM
Permit	Missing plugging bond, BOP type, possibly not a new location as is 141' from Ray Durham 1. sf	4/11/2011 1:35:52 PM

Total: 7 comment(s)

BMP

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

Total: 0 comment(s)