

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
Document Number: 400201970 PluggingBond SuretyID			

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: WILLIAMS PRODUCTION RMT COMPANY LLC

4. COGCC Operator Number: 96850

5. Address: 1001 17TH STREET - SUITE #1200

City: DENVER State: CO Zip: 80202

6. Contact Name: Howard Harris Phone: (303)606-4086 Fax: (303)629-8268

Email: howard.harris@williams.com

7. Well Name: Federal Well Number: SP 13-13

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

9. Proposed Total Measured Depth: 9538

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 13 Twp: 7S Rng: 95W Meridian: 6

Latitude: 39.435037 Longitude: -107.954899

Footage at Surface: 1680 feet FNL/FSL 254 feet FEL/FWL
FSL FWL

11. Field Name: Parachute Field Number: 67350

12. Ground Elevation: 7993 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 12/13/2010 PDOP Reading: 2.0 Instrument Operator's Name: Michael Langhorn

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
2487 FSL 760 FWL 2487 FSL 760 FWL
Sec: 13 Twp: 7S Rng: 95W Sec: 13 Twp: 7S Rng: 95W

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: 4391 ft

18. Distance to nearest property line: 1085 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1347 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.)
Williams Fork	WMFK	139-64	640	ALL

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC05173

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):

See Attached

25. Distance to Nearest Mineral Lease Line: 1300 ft

26. Total Acres in Lease: 2365

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: Re-Use, Evap & Backfill

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	24	18	48	0	45	50	45	0
SURF	13+1/2	9+5/8	32.3	0	1,510	528	1,510	0
1ST	7+7/8	4+1/2	11.6	0	9,538	593	9,538	5,895

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

33. Comments SeeWilliams Master APD dated 4/27/06 for Federal 10 point drilling plan and 13 point surface use plan. The SP 13-13 well which is located within the boundaries of Project Rulison is classified as Tier 2. The DOE has been notified by letter dated 1/17/11. This well is located within CA COC74408. This APD is for side track of the well. A surface bit was dropped down hole and was unable to recover. A cement plug was set and well will be sidetracked to original target. Every thing will remain as original.

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: Howard Harris

Title: Sr. Regulatory Specialist Date: 9/1/2011 Email: Howard.Harris@Williams.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: David S. Nesline

Director of COGCC Date: 9/28/2011

API NUMBER

05 045 20422 01

Permit Number: _____ Expiration Date: 9/27/2013

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 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 53 FEET DEEP.

(3) GARFIELD COUNTY RULISON-FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE.

(4) SPUD NOTICE MUST IDENTIFY IF THE WELL IS LOCATED IN TIER I OR TIER II OF THE APPROVED RULISON SAMPLING AND ANALYSIS PLAN.

(5) PERFORM A HIGH-ACCURACY GYROSCOPIC DIRECTIONAL WELLBORE SURVEY UPON REACHING TOTAL DEPTH OF THE WELL. E-MAIL A COPY OF THE SURVEY ALONG WITH A SUNDRY NOTICE, FORM 4, REQUESTING APPROVAL TO DAVID.ANDREWS@STATE.CO.US THE DIRECTIONAL DRILLING SURVEY REPORT SHALL INCLUDE A MAP VIEW AND A VERTICAL PROFILE VIEW SHOWING WELLBORE TRAJECTORY AND DISTANCE FROM THE ½-MILE RADIUS FROM PROJECT RULISON. THE OPERATOR SHALL OBTAIN APPROVAL FROM THE COGCC PRIOR TO COMMENCING CASING-PERFORATING AND OTHER COMPLETION OPERATIONS.

(6) OPERATOR SHALL PROVIDE COMPLETE WELL-SPECIFIC EMERGENCY CONTACT INFORMATION TO THE COGCC AREA ENGINEER IN THE SPUD NOTICE PRIOR TO SPUDDING THE WELL.

(7) DRILL SOLIDS AND CUTTINGS FROM THIS LOCATION MAY NOT BE TRANSPORTED TO, DISPOSED OF, OR RE-USED AT ANOTHER LOCATION WITHOUT SPECIFIC WRITTEN APPROVAL FROM COGCC AND ONLY AFTER ANALYSIS CONFIRMS COMPLIANCE WITH THE RULISON SAP.

(8) NOTE: THE FORM 2A (OIL-&-GAS LOCATION ASSESSMENT) CONTAINS THE COMPLETE SET OF RULISON COAS, AS WELL AS OTHER COAS NOT INCLUDED HERE. ENSURE THAT THOSE COAS ARE ADHERED TO.

Attachment Check List

Att Doc Num	Name
400201970	FORM 2 SUBMITTED
400202032	DEVIATED DRILLING PLAN
400202033	DEVIATED DRILLING PLAN

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	THIS SIDETRACK HAS SAME BHL AS ORIGINAL. KOP WILL BE 331' PER FORM 4.	9/26/2011 10:36:41 AM
Engineer	changed surface casing from 1108' to 1510'. confirmed by H Harris 9/8/11. (as per Sundry submitted after initial APD). also changed cement sack # by same proportion (2.86)	9/9/2011 8:33:10 AM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)