

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



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Document Number:

400089772

Plugging Bond Surety

20030107

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 ☐

3. Name of Operator: WILLIAMS PRODUCTION RMT COMPANY

4. COGCC Operator Number: 96850

5. Address: 1515 ARAPAHOE ST STE 1000

City: DENVER State: CO Zip: 80202

6. Contact Name: Howard Harris Phone: (303)606-4086 Fax: (303)629-8272

Email: howard.harris@williams.com

7. Well Name: Savage Well Number: PA 344-5

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

9. Proposed Total Measured Depth: 7541

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 4 Twp: 7S Rng: 95W Meridian: 6

Latitude: 39.463430 Longitude: -108.006871

Footage at Surface: 1488 FNL/FSL FSL 1446 FEL/FWL FWL

11. Field Name: Parachute Field Number: 67350

12. Ground Elevation: 5586 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 06/11/2008 PDOP Reading: 1.4 Instrument Operator's Name: J. Kirkpatrick

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

Footage at Top of Prod Zone: FNL/FSL 1244 FSL 776 FEL FEL Bottom Hole: FNL/FSL 1244 FSL 776 FEL FEL
Sec: 5 Twp: 7S Rng: 95W Sec: 5 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: 1183 ft

18. Distance to nearest property line: 1072 ft 19. Distance to nearest well permitted/completed in the same formation: 317 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	440-36	320	S/2

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#: _____

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: 776 ft 26. Total Acres in Lease: 160

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	24	18	48	45	25	45	0
SURF	13+1/2	9+5/8	32.3	1,191	416	1,191	0
1ST	7+7/8	4+1/2	11.6	7,540	562	7,540	4,085

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

33. Comments Top of cement for production casing will be approx 200 feet above top of Mesaverde. Closed mud system will be used. Surface Use Agreement attached to form 2A.

34. Location ID: 334813

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: 9/14/2010 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. Neslin Director of COGCC Date: 10/21/2010

API NUMBER

05 045 20086 00

Permit Number: _____ Expiration Date: 10/20/2012

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. GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE
3. SURFACE CASING MUST BE RUN TO A MINIMUM DEPTH OF 687'.
4. PRODUCTION CASING CEMENT TOP VERIFICATION BY CBL REQUIRED.
5. THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1.
6. THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR THE ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 275 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
400089772	FORM 2 SUBMITTED	LF@2542117 400089772
400092866	DEVIATED DRILLING PLAN	LF@2542118 400092866
400092867	DEVIATED DRILLING PLAN	LF@2542119 400092867
400092869	LEGAL/LEASE DESCRIPTION	LF@2542120 400092869
400092870	WELL LOCATION PLAT	LF@2542121 400092870

Total Attach: 5 Files

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