

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:

1774395

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: DIAMOND ELK Well Number: PA 542-12

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

9. Proposed Total Measured Depth: 8725

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 12 Twp: 7S Rng: 95W Meridian: 6

Latitude: 39.458591 Longitude: -107.944351

Footage at Surface: \_\_\_\_\_ FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_  
428 FNL 1930 FEL

11. Field Name: PARACHUTE Field Number: 67350

12. Ground Elevation: 6289 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 07/08/2009 PDOP Reading: 6.0 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 \_\_\_\_\_ FEL/FWL \_\_\_\_\_ Bottom Hole: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_  
2399 FNL 271 FEL 2399 FNL 271 FEL  
 Sec: 12 Twp: 7S Rng: 95W Sec: 12 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: 331 ft

18. Distance to nearest property line: 606 ft 19. Distance to nearest well permitted/completed in the same formation: 329 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.)
WILLIAMSFORK	WMFK	440-16	640	SECTION(ALL)

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: CACO07217  
9

22. Surface Ownership:  Fee  State  Federal  Indian

23. Is the Surface Owner also the Mineral Owner?  Yes  No Surface Surety ID#: 20010113

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 Bon  \$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: 350 ft 26. Total Acres in Lease: 669

**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

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	2,886	1,007	2,886	0
1ST	7+7/8	4+1/2	11.6	8,725	610	8,725	

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

33. Comments CLOSED LOOP MUD SYSTEM. THERE WILL BE TOTAL OF 64 WELLS IN SECTION WHEN DRILLED OUT, THERE IS TOTAL OF 658 ACRES IN SECTION.

34. Location ID: 334723

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: REGULATORY Date: 11/25/2009 Email: HOWARD.HARRIS@WILLIAM

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: 1/20/2010

API NUMBER **05 045 19044 00** Permit Number: \_\_\_\_\_ Expiration Date: 1/19/2012

**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.

24 HOUR SPUD NOTICE REQUIRED. E-MAIL: david.andrews@state.co.us GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE CEMENT TOP VERIFICATION BY CBL REQUIRED. THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 390 FEET DEEP.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1774396	LOCATION PICTURES	LF@2181863 1774396
1774397	LOCATION PICTURES	LF@2181864 1774397
1774398	LOCATION PICTURES	LF@2181865 1774398
1774399	WELL LOCATION PLAT	LF@2182092 1774399
1774400	TOPO MAP	LF@2182093 1774400
1774402	DEVIATED DRILLING PLAN	LF@2182094 1774402
1774403	DRILLING PLAN	LF@2182095 1774403
400018293	FORM 2 SUBMITTED	LF@2191484 400018293
400034310	APD ORIGINAL	LF@2182091 400034310

Total Attach: 9 Files