

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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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:

400108702

Plugging Bond Surety

20040105

3. Name of Operator: BERRY PETROLEUM COMPANY 4. COGCC Operator Number: 10091

5. Address: 1999 BROADWAY STE 3700
City: DENVER State: CO Zip: 80202

6. Contact Name: Kallasandra Moran Phone: (303)999-4225 Fax: (303)999-4325
Email: kmoran@bry-consultant.com

7. Well Name: Chevron Well Number: 29-23D

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

9. Proposed Total Measured Depth: 9920

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 29 Twp: 5S Rng: 96W Meridian: 6

Latitude: 39.585298 Longitude: -108.188090

Footage at Surface: 2344 feet ^{FNL/FSL} FSL 1310 feet ^{FEL/FWL} FEL

11. Field Name: Grand Valley Field Number: 31290

12. Ground Elevation: 7962 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 03/28/2008 PDOP Reading: 2.2 Instrument Operator's Name: Robert Wood / Construction Surveys Inc.

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

Footage at Top of Prod Zone: ^{FNL/FSL} 2098 ^{FEL/FWL} FSL 765 ^{FEL} FEL Bottom Hole: ^{FNL/FSL} 2098 ^{FEL/FWL} FSL 765 ^{FEL} FEL

Sec: 29 Twp: 5S Rng: 96W Sec: 29 Twp: 5S Rng: 96W

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: 14475 ft

18. Distance to nearest property line: 1020 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| Williams Fork | WMFK | 510-18 | 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 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 mineral lease map.

25. Distance to Nearest Mineral Lease Line: 765 ft 26. Total Acres in Lease: 4622

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: Total closed loop system

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/Line Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top |
|-------------|--------------|----------------|-------|--------------|---------------|-----------|---------|---------|
| CONDUCTOR | 30 | 20 | 55 | | 90 | 100 | 90 | 0 |
| SURF | 16 | 9+5/8 | 36 | | 2,000 | 1,000 | 2,000 | 0 |
| 1ST | 8+3/4 | 4+1/2 | 11.6 | | | | | 200 |
| 2ND | 7+7/8 | 4+1/2 | 11.6 | | 9,920 | 600 | 9,920 | |

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

33. Comments I certify that there have been no changes on land use, lease description. The pad has NOT been built. The proposed well has not been drilled. No rig on site. The location does not require a variance from any of the rules listed in Rule 306.d. (1). (A). (ii). The location is in a restricted surface occupancy area for greater Sage Grouse production. The location is in a sensitive wildlife habitat area for greater Sage Grouse production and Elk production. The production casing Top of Cement will be a minimum of 200' above the Top of Gas. Berry Petroleum Company will be using a total closed loop system (See attached description.)

34. Location ID: 335968

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: Kallasandra M. Moran

Title: Permit Agent Date: 11/15/2010 Email: kmoran@bry-consultant.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. Nashin Director of COGCC Date: 12/29/2010

Permit Number: _____ Expiration Date: 12/28/2012

API NUMBER

05 045 17188 00

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) CEMENT-TOP VERIFICATION BY CBL REQUIRED.
- (4) RESERVE PIT MUST BE LINED.
- (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 ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 00 FEET DEEP.

Attachment Check List

| Att Doc Num | Name |
|-------------|------------------------|
| 400108702 | FORM 2 SUBMITTED |
| 400108704 | DEVIATED DRILLING PLAN |
| 400108705 | PLAT |
| 400108706 | TOPO MAP |
| 400108707 | MINERAL LEASE MAP |
| 400108709 | OTHER |

Total Attach: 6 Files

General Comments

| User Group | Comment | Comment Date |
|-------------------|---|--------------------------|
| Permit | Changed distance to property line to 1020' per well plat. Changed spacing order from 510-13 to 510-18, 320, S/2 per KM. | 11/23/2010 1:32:26 PM |

Total: 1 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|-------------|----------------|
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Total: 0 comment(s)