

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

## 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:

400031849

Plugging Bond Surety

20060137

3. Name of Operator: OXY USA WTP LP

4. COGCC Operator Number: 66571

5. Address: P O BOX 27757

City: HOUSTON State: TX Zip: 77227

6. Contact Name: Joan Proulx Phone: (970)263-3641 Fax: (970)263-3694

Email: joan\_proulx@oxy.com

7. Well Name: Cascade Creek Well Number: 697-08-62A

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

9. Proposed Total Measured Depth: 9633

## WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 9 Twp: 6S Rng: 97W Meridian: 6

Latitude: 39.530578 Longitude: -108.233207

Footage at Surface: 136 FSL 264 FSL  
FNL/FSL FEL/FWL

11. Field Name: Grand Valley Field Number: 31290

12. Ground Elevation: 8396 13. County: GARFIELD

## 14. GPS Data:

Date of Measurement: 12/14/2009 PDOP Reading: 1.5 Instrument Operator's Name: John Richardson

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  
361 FSL 1669 FEL 384 FSL 1870 FEL  
Sec: 8 Twp: 6S Rng: 97W Sec: 8 Twp: 6S Rng: 97W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 3 mi

18. Distance to nearest property line: 226 ft 19. Distance to nearest well permitted/completed in the same formation: 326 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| Iles                   | Iles           | 510-48                  |                               |                                      |
| Williams Fork          | WMFK           | 510-15                  |                               |                                      |

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 Description

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 1 mi 26. Total Acres in Lease: \_\_\_\_\_ 9480

### 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: Reserve Pit

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   | 20+0/0       | 16+0/0         | 65#             | 100           | 0            | 100           | 0          |
| SURF        | 14+3/4       | 9+5/8          | 36#             | 2,690         | 1,420        | 2,690         | 0          |
| 1ST         | 8+3/4        | 4+1/2          | 11.6#           | 9,624         | 2,078        | 9,624         | 5,557      |

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

33. Comments Oxy is both the surface and mineral owner. Rule 305 and 306 are waived. The well pad has been constructed, there are no producing wells on this location; there is currently no drilling rig on this pad. Drilling operations are projected to commence sometime in 2010. The well pad will not need to be altered. A semi-closed loop system will be used. Per GarCo Vacation Ordinance dated 10-5-1987, CR 213 is now OXY's private property north of Sec 8, 7S, 97W, 6 PM. Oxy will comply with new "Notice to Operators" regarding reserve pits (June 12, 2008).

34. Location ID: 336005

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: Joan Proulx

Title: Regulatory Analyst Date: 1/25/2010 Email: joan\_proulx@oyx.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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

API NUMBER

05

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.

**Attachment Check List**

| Att Doc Num | Name                    | Doc Description               |
|-------------|-------------------------|-------------------------------|
| 400031871   | WELL LOCATION PLAT      | Scan001.PDF                   |
| 400031872   | DEVIATED DRILLING PLAN  | CC 697-08-62A Plan 1.pdf      |
| 400031874   | LEGAL/LEASE DESCRIPTION | Mineral lease description.PDF |
| 400031877   | TOPO MAP                | 609-14 Topo Map.pdf           |
| 400039239   | FORM 2 SUBMITTED        | 400039239.pdf                 |

Total Attach: 5 Files