

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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| 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:

400092146

Plugging Bond Surety

20060137

3. Name of Operator: OXY USA WTP LP4. COGCC Operator Number: 665715. Address: P O BOX 27757City: HOUSTON State: TX Zip: 772276. Contact Name: Joan Proulx Phone: (970)263.3641 Fax: (970)263.3694Email: joan_proulx@oxy.com7. Well Name: Cascade Creek Well Number: 697-09-48A

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

9. Proposed Total Measured Depth: 9138

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 9 Twp: 6S Rng: 97W Meridian: 6Latitude: 39.535053 Longitude: -108.222161
 Footage at Surface: 1761 FNL/FSL FSL 1891 FEL/FWL FEL
11. Field Name: Grand Valley Field Number: 3129012. Ground Elevation: 8381 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 09/07/2010 PDOP Reading: 1.8 Instrument Operator's Name: Ben Johnson15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 1725 FSL 519 FEL/FWL 1722 FSL 423 FEL/FWL FEL
 Sec: 9 Twp: 6S Rng: 97W Sec: 9 Twp: 6S Rng: 97W
16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 21000 ft18. Distance to nearest property line: 1917 ft 19. Distance to nearest well permitted/completed in the same formation: 1467 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 | 510-15 | | |

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: 4481 ft 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: _____

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 | 90 | 4 | 90 | 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 | 9,128 | 1,920 | 9,128 | 5,614 |

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

33. Comments Oxy is both the surface and mineral owner; Rules 305 and 306 are waived . The well pad has been constructed and there is one producing well on this location. 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 provide appropriate housing for essential personnel in order to conduct safe, efficient drilling operations at this well site.

34. Location ID: 335801

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: _____ Email: joan_proulx@oxy.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

05 045 18134 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.

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|------------------------|-------------------------------|
| 400092150 | MINERAL LEASE MAP | Mineral lease description.PDF |
| 400092151 | TOPO MAP | 609-33 Topo.pdf |
| 400092152 | WELL LOCATION PLAT | 697-09-48A Plat.pdf |
| 400092153 | DEVIATED DRILLING PLAN | 697-09-48A PLAN 2.pdf |

Total Attach: 4 Files