

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:

400086252

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: 697-08-16

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

9. Proposed Total Measured Depth: 9631

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 8 Twp: 6S Rng: 97W Meridian: 6Latitude: 39.542012 Longitude: -108.238102
 Footage at Surface: 980 FNL/FSL FNL 1111 FEL/FWL FEL
11. Field Name: Grand Valley Field Number: 3129012. Ground Elevation: 8421 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 08/03/2010 PDOP Reading: 2.2 Instrument Operator's Name: Ron Rennke15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 1013 FNL 54 FEL FEL Bottom Hole: FNL/FSL 1013 FNL 54 FEL FEL
 Sec: 8 Twp: 6S Rng: 97W Sec: 8 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: 5307 ft18. Distance to nearest property line: 2890 ft 19. Distance to nearest well permitted/completed in the same formation: 330 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: 4854 ft 26. Total Acres in Lease: 9520

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	100	4	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	9,621	2,080	9,621	5,504

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 and there is one producing well on this location. A semi-closed loop system will be used. Oxy will provide appropriate housing for essential personnel in order to conduct safe, efficient drilling operations at this well site. The plat references a "blooie pit;" this is not a pit but a flare box. Per GarCo Vacation Ordinance dated 10-5-1987, CR 213 is now OXY's private property north of Sec 8, 7S, 97W, 6 PM.

34. Location ID: 324100

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 18129 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
400086253	MINERAL LEASE MAP	Mineral lease description.PDF
400086254	TOPO MAP	608-41 Topo.pdf
400086255	WELL LOCATION PLAT	697-08-16 Plat.PDF
400086256	DEVIATED DRILLING PLAN	CC 697-08-16 Plan 3.pdf

Total Attach: 4 Files