

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:

400010981

Plugging Bond Surety

20060139

3. Name of Operator: OXY USA INC

4. COGCC Operator Number: 66571

5. Address: PO BOX 27757

City: HOUSTON State: TX Zip: 77227

6. Contact Name: Denny Vigil Phone: (970)263-3650 Fax: (970)263-3694

Email: denny\_vigil@oxy.com

7. Well Name: Cascade Creek Well Number: 697-17-64A

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

9. Proposed Total Measured Depth: 8651

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 16 Twp: 6S Rng: 97W Meridian: 6

Latitude: 39.521744 Longitude: -108.231528

Footage at Surface: 2186 FNL/FSL FSL 731 FEL/FWL FWL

11. Field Name: Grand Valley Field Number: 31290

12. Ground Elevation: 8322 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 05/19/2008 PDOP Reading: 2.1 Instrument Operator's Name: Ben Johnson

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

Footage at Top of Prod Zone: FNL/FSL 756 FSL 333 FEL FEL Bottom Hole: FNL/FSL 756 FSL 333 FEL FEL  
Sec: 17 Twp: 6S Rng: 97W Sec: 17 Twp: 6S Rng: 97W

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: 2 mi

18. Distance to nearest property line: 5501 ft 19. Distance to nearest well permitted/completed in the same formation: 340 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 Bond ☐ \$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):  
T6S: (Section 3: Lots 9, 10, 11, 12, 13, 14, 15, 16, S2; Section 4: Lots 9, 10, 11, 12, 13, 14, 15, 16, S2; Section 5: Lots 9, 10, 11, 12, 13, 14, 15, 16, S2; Section 6: Lots 13, 14, 15, 16, 17, 18, 22, 23, 24, 25, E2SW4, SE4; Section 8: S2, NE4, S2NW4, NE4NW4; Section 9: All; Section 10: All; Section 15: NW4, E2; Section 16: All; Section 17: All; Section 18: E2, SE4NW4; Section 19: NE4, E2NW4NW4, E2SW4NW4; Section 20: All; Section 29: All, Section 32: Lots 1, 2, 3, 4) T7SR97W: (Tracts 80, 81, 82a and b and 83 a and b; Section 6: Tracts 84, 85, 86, 87; Section 7: Tracts 88, 89, 90, 91). Total 9480 acres

25. Distance to Nearest Mineral Lease Line: 826 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: 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		100	0
SURF	12+1/4	9+5/8	36	2,700	677	2,700	0
1ST	8+3/4	4+1/2	11.6	8,651	1,727	8,651	

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

33. Comments OXY owns surface and minerals. Rule 305 and 306 are waived. Oxy will provide appropriate housing for essential personnel in order to conduct safe and efficient drilling and completion operations at this site. Per GarCo Vacation Ordinance dated 10/5/1987, CR 213 is now OXY's private land north of Sec 8, T7S, R97W, 6th PM. Oxy will comply with new "Notice to Operators" regarding reserve pits (06/12/2008). The well pad has been built, there are no producing wells on this location; there is currently no drilling rig on this pad. Drilling operations will commence in the beginning of January 2010.

34. Location ID: 335950

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: Denny Vigil

Title: Regulatory Analyst Date: 10/21/2009 Email: denny\_vigil@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: David S. Nesline Director of COGCC Date: 1/9/2010

**API NUMBER**

05 045 18061 00

Permit Number: \_\_\_\_\_

Expiration Date: 1/8/2011**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. OPERATOR MUST ENSURE 110 PERCENT SECONDARY CONTAINMENT FOR ANY VOLUME OF FLUIDS CONTAINED AT WELL-SITE DURING DRILLING AND COMPLETION OPERATIONS. IF FLUIDS ARE CONVEYED VIA PIPELINE, OPERATOR MUST IMPLEMENT BEST-MANAGEMENT-PRACTICES TO CONTAIN ANY UNINTENTIONAL RELEASE OF FLUIDS. THE NEARBY HILLSIDE MUST BE MONITORED FOR ANY DAY-LIGHTING DRILLING FLUIDS THROUGHOUT THE DRILLING OF THE SURFACE-CASING INTERVAL. COMPLY WITH ALL PROVISIONS OF THE JUNE 12, 2008 NOTICE TO OPERATORS DRILLING WELLS WITHIN ¾ MILE OF THE RIM OF THE ROAN PLATEAU IN GARFIELD COUNTY -- PIT DESIGN, CONSTRUCTION, AND MONITORING REQUIREMENTS. SEE ATTACHED NOTICE. 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 000 FEET DEEP.

**Attachment Check List**

Att Doc Num	Name	Doc Description
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Total Attach: 0 Files