

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 Sidetrack
SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☒

Refiling ☐
Sidetrack ☒

Document Number:

400247974

PluggingBond SuretyID

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: 697-04-82

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

9. Proposed Total Measured Depth: 9552

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 4 Twp: 6S Rng: 97W Meridian: 6

Latitude: 39.548732 Longitude: -108.230264

Footage at Surface: 1469 feet FSL 1099 feet FWL

11. Field Name: Grand Valley Field Number: 31290

12. Ground Elevation: 8651 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 04/08/2011 PDOP Reading: 1.5 Instrument Operator's Name: R Seal

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
351 FSL 923 FWL 351 FSL 923 FWL
Sec: 4 Twp: 6S Rng: 97W Sec: 4 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: 6693 ft

18. Distance to nearest property line: 4273 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 512 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 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):

See attached Mineral Lease Description

25. Distance to Nearest Mineral Lease Line: 4927 ft

26. Total Acres in Lease: 9640

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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☐ No

31. Mud disposal: ☐ Offsite ☒ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24+0/0	16+0/0	65	0	90	4	90	0
SURF	14+3/4	9+5/8	36	0	2,322	1,210	2,322	0
1ST	8+3/4	4+1/2	11.6	0	9,462	1,881	9,462	5,933

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

33. Comments Unplanned Sidetrack: The 697-04-82 well was previously approved (document 400154988). While running the 4.5" production casing a restriction was encountered at 5,200'. The production casing was laid down and three clean-up trips were attempted, but were unsuccessful. During the final clean-up trip a DHM failure resulted in the loss of a bit and stator, which were left in the hole. The decision was made to sidetrack the well, which was completed 1/30/2012. The actual kick-off point was 3,132'. The new BHL is approximately 212' from the previously permitted BHL.

34. Location ID: 423240

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: 2/1/2012 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: David S. Neslin

Director of COGCC Date: 2/26/2012

API NUMBER

05 045 20728 01

Permit Number: _____ Expiration Date: 2/25/2014

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.

CONDITIONS OF APPROVAL FOR THIS SIDETRACK ARE THE SAME AS THOSE ON THE PERMIT FOR THE ORIGINAL HOLE. DOCUMENT # 400154988

Attachment Check List

Att Doc Num	Name
400247974	FORM 2 SUBMITTED
400247978	DEVIATED DRILLING PLAN
400247979	WELL LOCATION PLAT
400247987	DIRECTIONAL DATA

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Sundry for sidetrack approved 2/8/2012. LGD passed; public comments waived. Final Comprehensive Review Status--passed.	2/23/2012 11:11:00 AM
LGD	Passed	2/16/2012 10:43:47 AM
Permit	Added correct suffix to API number	2/7/2012 10:20:42 AM
Permit	Operator input #16, 17, 18, 19, 34, and 36. For 22a oxy is surface and mineral owner per operator email. This form has passed completeness.	2/2/2012 6:25:10 AM
Permit	Returned to draft. Missing #16, 17, 18, 19, 22a, 34, 36	2/1/2012 2:52:43 PM

Total: 5 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)