

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



Document Number:

400255507

Date Received:

02/27/2012

APPLICATION FOR PERMIT TO:

1.  Drill,  Deepen,  Re-enter,  Recomplete and Operate

2. TYPE OF WELL

OIL  GAS  COALBED  OTHER \_\_\_\_\_  
SINGLE ZONE  MULTIPLE  COMMINGLE

Refiling   
Sidetrack

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: 697-04-76B

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

9. Proposed Total Measured Depth: 9726

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 4 Twp: 6S Rng: 97W Meridian: 6  
Latitude: 39.548830 Longitude: -108.230120

Footage at Surface: 1504 feet FSL 1139 feet FWL

11. Field Name: Grand Valley Field Number: 31290

12. Ground Elevation: 8641 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 04/08/2011 PDOP Reading: 1.6 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 \_\_\_\_\_  
675 FSL 2325 FWL 675 FSL 2325 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): 451 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: 4394 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	20+0/0	16+0/0	65	0	86	90	86	0
SURF	14+3/4	9+5/8	36	0	2,690	1,967	2,690	0
1ST	8+3/4	4+1/2	11.6	0	9,468	1,885	9,468	5,991

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

33. Comments UNPLANNED SIDETRACK. This well was drilled to a TD of 9,504'. While running the 4.5" production casing a restriction was encountered at 5,290'. With difficulty, casing was continued to 6,310' but was unable to pass this depth. A reaming assembly was unable to pass 5,227'. Production casing was not set. There is no fish in the hole. The actual KOP was 3,116'. Proposed objective formation: same as original (WMFK, ILES). Verbal/eamail approval to sidetrack granted by David Andrews via email on 2/17/2012. Original APD document #400154971, approved on 5/19/2011. Oxy is both the surface and mineral owner.

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: 2/27/2012 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:  Director of COGCC Date: 3/19/2012

**API NUMBER**  
05 045 20729 01

Permit Number: \_\_\_\_\_ Expiration Date: 3/18/2014

**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.

- (1) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.
- (2) GARFIELD COUNTY RULISON-FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE.
- (3) 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.
- (4) NO PORTION OF ANY PIT THAT WILL BE USED TO HOLD LIQUIDS SHALL BE CONSTRUCTED ON FILL MATERIAL, UNLESS THE PIT AND FILL SLOPE ARE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER, SUBJECT TO REVIEW AND APPROVAL BY THE DIRECTOR PRIOR TO CONSTRUCTION OF THE PIT. THE CONSTRUCTION AND LINING OF THE PIT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR THEIR AGENT. THE ENTIRE BASE OF THE PIT MUST BE IN CUT.

**Attachment Check List**

Att Doc Num	Name
400255507	FORM 2 SUBMITTED
400255541	WELL LOCATION PLAT
400255542	DEVIATED DRILLING PLAN
400255688	DIRECTIONAL DATA

Total Attach: 4 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	unplanned sidetrack sundry #2287520 approved 3/16/2012. public comment period waived. Final Comprehensive Review Status--passed.	3/16/2012 2:40:28 PM
Permit	added comment that Oxy is both surface and mineral owner. change in BHL is legal location.	3/12/2012 7:32:33 AM

Total: 2 comment(s)

**BMP**

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

Total: 0 comment(s)