

**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

**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**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
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)