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State of Colorado Oil and Gas Conservation Commission

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FOR OGCC USE ONLY

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DEC 02 2013

COGCC**INJECTION WELL PERMIT APPLICATION**

Submit a completed Form 33 with or after approval obtained on Form 31 (Underground Injection Permit Application) or you must have a previously approved Injection Well Permit.

1. Operator may not commence injection into this well until this form is approved.
2. Each individual injection well must be approved by this form.

Well Name and Number: Cascade Creek 629-1 API No: 05-045-06857-00
 UIC Facility No: 159281 (as assigned on an approved Form 31)
 Project Name: Cascade Creek 629-1 Operator Name: OXY USA WTP LP
 Field Name and Number: Grand Valley 31290 County: Garfield
 Qtr/Dir: SWSW Sec: 29 Twp: 6S Range: 97W Meridian: 6 PM

Complete the Attachment Checklist

	OGCC
Current Wellbore Diagram	<input checked="" type="checkbox"/>
Proposed Wellbore Diagram	<input checked="" type="checkbox"/>

CURRENT WELLBORE INFORMATION

	SIZE	DEPTH	NO. SACKS	CEMENT TOP	Cement Top Determined By:		
					CBL	CIRCULATED	CALCULATED
Surface Casing	9 5/8"	430'	140	Surface	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Intermediate Casing (if any)					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Production Casing	5 1/2"	7085'	2175	1150'	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Plug Back Total Depth: 7017' Tubing Depth: 2011' Packer Depth: 2004'
 Wasalch Formation Gross Perforation Interval: 2078' to 2170' *Re-perf*
 Ft Union Formation Gross Perforation Interval: 2272' to 2612' *Re-perf*
 Mesa Verde Formation Open Hole Interval (if any): 2614' to 3944' *Additional Perfs*

List below all Plugs, Bridge Plugs, Stage Cementing or Squeeze Work performed on this wellbore: (if more space needed, continue on reverse side of this form.)

1. CIBP 5850', 4850', 2680', 2250'

2.

3.

4.

Describe below any changes to the wellbore which will be made upon conversion. (This includes but not limited to changes of tubing and packer setting depths, any additional squeeze work for aquifer protection or casing leaks, setting of bridge plugs to isolate non-injection formations.)

1. Drill out CIBP at 2680'

2. Set CIBP at 3990' with 2 sxs cement

3. Install tubing to 2011' and set packer at 2004'

4. Set injection packer at 2011'

Comments:

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Joan ProulxSigned: [Signature] Title: Regulatory Coordinator Date: 12/2/2013OGCC Approved: [Signature] Title: UIC Lead Date: 4/9/2014MAX. SURFACE INJECTION PRESSURE: 670If Disposal Well, MAX. INJECTION VOL. LIMIT: 10,000,000

CONDITIONS OF APPROVAL, IF ANY:

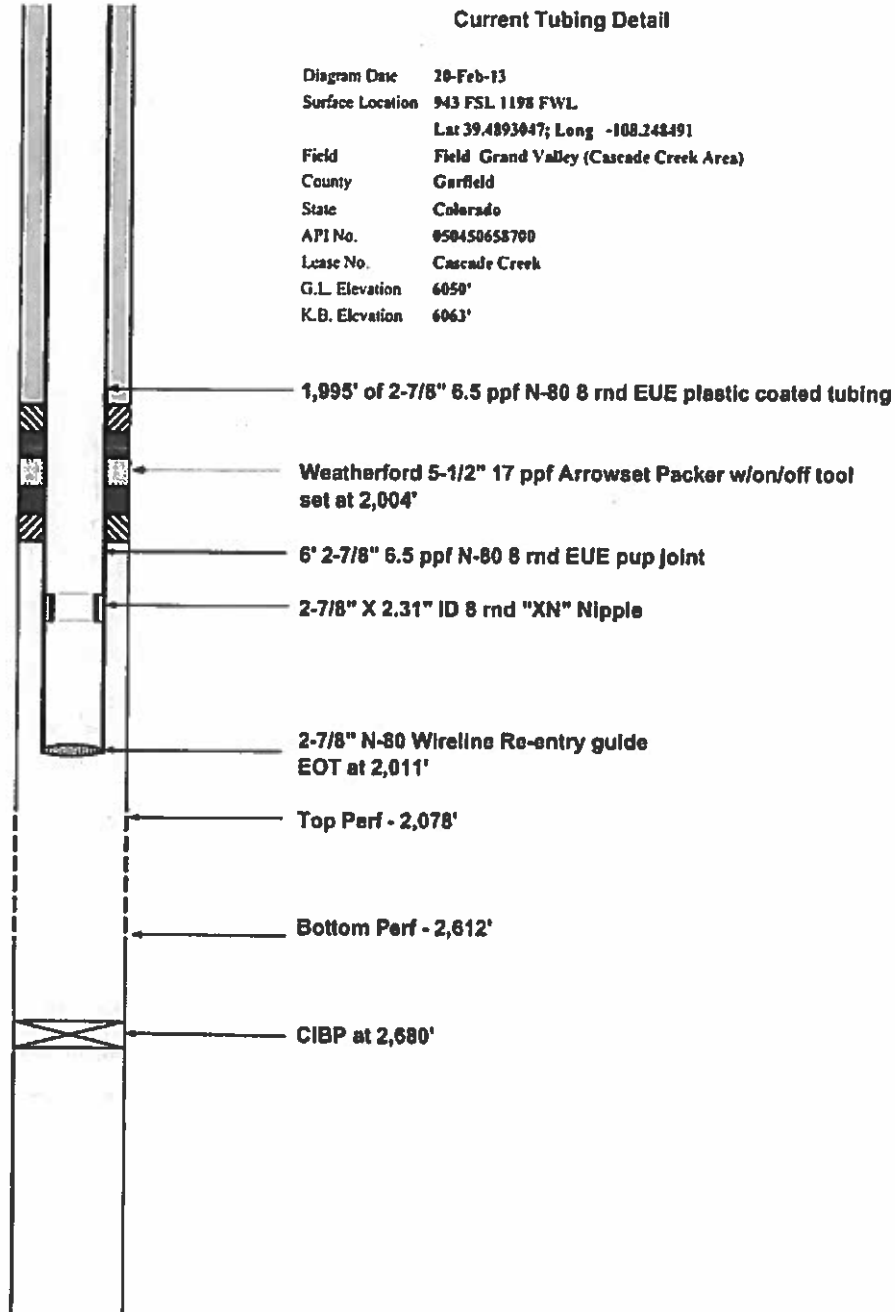
RPK
4/9/2014

OXY USA INC.

Cascade Creek 629-1

Current Tubing Detail

Diagram Date 28-Feb-13
Surface Location 943 FSL 1198 FWL
Lat 39.4893047; Long -108.244491
Field Field Grand Valley (Cascade Creek Area)
County Garfield
State Colorado
API No. 050450658700
Lease No. Cascade Creek
G.L. Elevation 6050'
K.B. Elevation 6063'





OXY USA INC.

Cascade Creek 629-1

Proposed Tubing Detail

Diagram Date 20-Feb-13
Surface Location 943 FSL 1198 FWL
Lat 39.4893047; Long -108.248491
Field Grand Valley (Cascade Creek Area)
County Garfield
State Colorado
API No. 050450658700
Lease No. Cascade Creek
G.L. Elevation 6050'
K.B. Elevation 6063'

