



# State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109



FOR OGCC USE ONLY

**RECEIVED**

MAR 25 2014

Surety ID: **COGCC****CENTRALIZED E&P WASTE MANAGEMENT FACILITY PERMIT**

Submit this Form and accompanying documents for each facility per Rule 908. Financial Assurance in the amount of \$50,000 is required to operate each facility.

**Complete the Attachment Checklist**

<b>OGCC Operator Number:</b> 66571 <b>Name of Operator:</b> OXY USA WTP LP <b>Address:</b> 760 Horizon Drive, Suite 101 <b>City:</b> Grand Junction <b>State:</b> CO <b>Zip:</b> 81506		<b>Contact Name and Telephone:</b> Joan Proulx <b>No:</b> 970.263.3641 <b>Fax:</b> 970.263.3694		<table border="1"> <thead> <tr> <th></th> <th>Oper</th> <th>OGCC</th> </tr> </thead> <tbody> <tr><td>Site description (topo, geol, hydro)</td><td>✓</td><td></td></tr> <tr><td>Adjacent land use description</td><td>✓</td><td></td></tr> <tr><td>Topographic map</td><td>✓</td><td></td></tr> <tr><td>Site drainage map with structures</td><td>✓</td><td></td></tr> <tr><td>Scaled drawing and survey map</td><td>✓</td><td></td></tr> <tr><td>Facility design &amp; engineering</td><td>✓</td><td></td></tr> <tr><td>Operating plan</td><td>✓</td><td></td></tr> <tr><td>Water analysis report</td><td>✓</td><td></td></tr> <tr><td>Financial assurance</td><td>✓</td><td></td></tr> <tr><td>Closure plan</td><td>✓</td><td></td></tr> <tr><td>Local govt zoning compliance</td><td></td><td></td></tr> <tr><td>Local govt permits and notice</td><td></td><td></td></tr> </tbody> </table>		Oper	OGCC	Site description (topo, geol, hydro)	✓		Adjacent land use description	✓		Topographic map	✓		Site drainage map with structures	✓		Scaled drawing and survey map	✓		Facility design & engineering	✓		Operating plan	✓		Water analysis report	✓		Financial assurance	✓		Closure plan	✓		Local govt zoning compliance			Local govt permits and notice		
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<b>Surface Owner (if different than above):</b> OXY USA Inc <b>Address:</b> P.O. Box 27570 <b>City:</b> Houston <b>State:</b> TX <b>Zip:</b> 77227 <b>Phone:</b> 970.263.3637																																											

<b>Facility Name:</b> Pond 13 E/W <b>Address:</b> <b>City:</b> <b>State:</b> CO <b>Zip:</b> <b>Phone:</b> <b>Fax:</b>	<b>Location (QtrQtr, Sec, Twp, Rng, Mer):</b> NESE, Sec 4, T6S, R97W, 6th PM <b>Latitude:</b> 39.548658 <b>Longitude:</b> -108.216361
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1. Is the site in a sensitive area? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2. What are the average annual precipitation and evaporation rates for the site? Precipitation: 29 inches/year Evaporation: 10 inches/year
3. Has a description of the site's general topography, geology and hydrology been attached? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
4. Has a description of the adjacent land use been attached? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	5. Has a 1:24,000 topographic map showing the site location been attached? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
6. Has a site plan showing drainage patterns, diversion or containment structures, roads, fencing, tanks, pits, buildings and any other pertinent construction details been attached? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
7. If site is not owned by the operator, is written authorization of the surface owner attached? <input type="checkbox"/> Y <input type="checkbox"/> N	8. Has a scaled drawing and survey showing the entire section(s) containing the proposed facility been attached? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
9. What measures have been implemented to limit access to the facility by wildlife, domestic animals or by members of the public? Briefly explain. Oxy's Pond 13 E/W complex has an eight foot tall wildlife exclusion fence around the Facility to limit access. The Facility is within Oxy's Cascade Creek operational area which has a perimeter fence around the main road access along Conn Creek Road. Oxy will install netting or equivalent deterrents to prevent birds from entering the Facility.	
10. Is there a planned firelane of at least 10 feet in width around the active treatment areas and within the perimeter fence? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	11. Is there an additional buffer zone of at least 10 feet within the perimeter firelane? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
12. Have surface water diversion structures been constructed to accommodate a 100-year, 24-hour event? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	13. Has a waste profile been calculated according to Rule 908.b.6? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
14. Has facility design and engineering been provided as required by Rule 908.b.7? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	15. Has an operating plan been completed as required by Rule 908.b.8? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
16. Has ground water monitoring for the site been provided? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N ***Attach Water Analysis Report, Form 25, for each monitoring well installed.***	
17. Has financial assurance been provided as required by Rule 704? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	18. Has a closure plan been provided? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
19. Have local government requirements for zoning and construction been complied with? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	20. Have permits and notifications required by local governments and other agencies been provided? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Print Name: Chris Clark

Signed: Title: Operations Manager Date: 3/24/14

OGCC Approved: Title: Env. Supervisor Date: 1/11/16

CONDITIONS OF APPROVAL, IF ANY:

Facility Number: 436570

See Attached Conditions of Approval

**Document Number: 1655314**

**Form 28 Permit**

**Facility ID: 436570**

**Location ID: 335849**

**Oxy USA WTP LP, Pond 13 East and West Facility, NESE Section 4, T6S, R97W, 6<sup>th</sup> PM, Garfield County, Colorado, Form 28 Conditions of Approval (COAs)**

**FINANCIAL ASSURANCE COAs:**

A Financial Assurance of \$891,920.00 has been provided. Financial assurance, based on re-evaluated cost of reclamation, closure and abandonment estimate, will be reviewed at five (5) year intervals over the life of the Facility; however, the COGCC reserves the right to review the financial assurance for adequacy on a more frequent basis.

**GENERAL SITE COAs:**

Sampling of surface water features shall be conducted prior to introduction of fluids into the Impoundments Facility. Water will be analyzed for the constituents provided in Rule 609.e. Sampling shall continue on an annual basis or more frequently if there is fluid accumulation in the leak detection system.

Provide pipeline testing results as part of the annual report submittal.

After installation of the uppermost liner and prior to operating the pit, the synthetic liner(s) shall be tested by filling the pit to its working capacity. The operator shall monitor the pit for leaks for a period of 72 hours prior to commencing operations.

Operator shall notify the COGCC 72 hours prior to start of the hydrotest(s). Initial hydrotest monitoring results must be provided to the COGCC prior to using the pit; all hydrotest records must be maintained by the operator for the life of the pit and provided to the COGCC upon request.

The entire base of the pit must be in cut. If portions of the pit are to be constructed in fill material, the construction and lining of the pit shall be supervised by a Professional Engineer registered in the State of Colorado (P.E.) or their agent.

Within 60-days of the Form 28 approval, submit a GIS map with information, (shape files) in a suitable format showing the location of flowlines, type of pipe used in each segment, monitor points, valve locations, booster pump locations (if any) from Oxy's well sites in the Piceance Basin that will transport fluids to and from the Pond 13 East and West Facility. Provide and update as part of the annual report.

A detail of all stormwater BPM maintenance shall be provided in the annual report.

Provide As-constructed drawings stamped and signed by a Colorado Professional Engineer, of the pit(s), including cross sections, and volume certifications, within 45 days after construction.

A Form 15 Pit Report shall be submitted to the COGCC for each pit constructed within 45-days of construction.



## Fwd: FORM 28 PERMIT FACILITY ID 436570 POND 13 E\_W APPROVED 20160111

1 message

Fischer - DNR, Alex <alex.fischer@state.co.us>

Mon, Jan 11, 2016 at 10:49 AM

To: OGCC EnviroScan - DNR <dnr\_ogcc.enviroscan@state.co.us>

Scanning Work Request:

Please upload the attached file and email as follows:

Document Name(s)	1. FORM 28 PERMIT FACILITY ID 436570 POND 13 E_W APPROVED 20160111	
Document Number	1655314	
Date Received	12/1/2015	
Is data entry needed?	NO	
Indexing Information	Unique ID Type	Unique ID Number
First	Facility ID (FAC)	436570
Second		
Third*		
Additional Instructions	NA	

Thanks!

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Alex Fischer, P.G.

Environmental Supervisor, Western Colorado



P [303.894.2100](tel:303.894.2100) x5138 | F [303.894.2109](tel:303.894.2109)

1120 Lincoln Street, Suite 801, Denver, CO 80203

| [alex.fischer@state.co.us](mailto:alex.fischer@state.co.us) [www.colorado.gov/cogcc](http://www.colorado.gov/cogcc)

----- Forwarded message -----

From: **Fischer - DNR, Alex** <[alex.fischer@state.co.us](mailto:alex.fischer@state.co.us)>

Date: Mon, Jan 11, 2016 at 10:47 AM

Subject: FORM 28 PERMIT FACILITY ID 436570 POND 13 E\_W APPROVED 20160111

To: [Blair\\_Rollins@oxy.com](mailto:Blair_Rollins@oxy.com)

Cc: Steve Jenkins - DNR <[steve.jenkins@state.co.us](mailto:steve.jenkins@state.co.us)>

Please see attached.

Thanks  
Alex

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**Alex Fischer, P.G.**

**Environmental Supervisor, Western Colorado**



P [303.894.2100](tel:303.894.2100) x5138 | F [303.894.2109](tel:303.894.2109)

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| [alex.fischer@state.co.us](mailto:alex.fischer@state.co.us) [www.colorado.gov/cogcc](http://www.colorado.gov/cogcc)

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**Alex Fischer, P.G.**

**Environmental Supervisor, Western Colorado**



**COLORADO**  
Oil & Gas Conservation  
Commission  
Department of Natural Resources

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**FORM 28 PERMIT FACILITY ID 436570 POND 13 E\_W APPROVED 20160111.pdf**  
277K