

**FORM
INSP**Rev
05/11

State of Colorado

Oil and Gas Conservation Commission

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



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Inspection Date:

11/05/2013

Document Number:

663902355

Overall Inspection:

Unsatisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	414402	324288	LONGWORTH, MIKE	<input type="checkbox"/> 2A Doc Num: _____

Operator Information:

OGCC Operator Number:

Name of Operator: OXY USA WTP LP

Address: P O BOX 27757

City: HOUSTON State: TX Zip: 77227

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☒ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED
- ☐ INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

Contact Information:

Contact Name	Phone	Email	Comment
KELLERBY, SHAUN		shaun.kellerby@state.co.us	
Clark, Chris		Chris_Clark@oxy.com	

Compliance Summary:

QtrQtr: _____ Sec: _____ Twp: _____ Range: _____

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
276321	WELL	PR	03/01/2012	GW	045-10444	CASCADE CREEK 616-21-32	PR
291975	PIT	CL	08/20/2007	-	-	CC POND 9/616-21-32	CL
414402	PIT	AC	11/17/2009	-	-	POND G	AC
423514	PIT	CL	05/17/2011	-	-	OXY MESA PP PIT 616-21-32	CL

Equipment:**Location Inventory**

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: 1
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Motors: 1	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: 1
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Signs/Marker:	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Unsatisfactory	No signs or labels on frac type tanks.	Install sign to comply with rule 210.	11/23/2013

Inspector Name: LONGWORTH, MIKE

OTHER	Satisfactory	Facility id. on sign on pit fence.		
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Emergency Contact Number: (S/U/V) Satisfactory Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Fencing/:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
PIT				

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CONDENSATE	1	100 BBLS	STEEL AST	,

S/U/V: Satisfactory Comment: _____

Corrective Action: _____ Corrective Date: _____

Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action _____ Corrective Date _____

Comment _____

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
	2	500 BBLS	OTHER	39.526510,-108.228510
S/U/V:	Unsatisfactory		Comment: Tank hatches open on top of tanks.	
Corrective Action: Identify tank contents and close hatch lids with 24 hours..				Corrective Date: 11/22/2013

Paint

Condition	Inadequate
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Other (Content) No contents post on tank

Other (Capacity) _____

Other (Type) Frac tanks

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Inadequate	Walls Insufficient	Base Insufficient	Inadequate

Corrective Action	Build and maintain a permeable berm.	Corrective Date	11/22/2013
Comment	Some of berm appears to be frac sand. Truck tracks have cut through berm to access gate.		

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
CONDENSATE	2	200 BBLS	STEEL AST	39.526310,-108.229000
S/U/V:	Satisfactory		Comment:	
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action		Corrective Date	
Comment	Plastic liner in metal berm		

Venting:		
Yes/No	Comment	

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

<u>Predrill</u>				
Location ID: 414402				
Site Preparation:				
Lease Road Adeq.: _____		Pads: _____		Soil Stockpile: _____
S/U/V: _____				

Corrective Action: _____

Date: _____

CDP Num.: _____

Form 2A COAs:**S/U/V:** _____ **Comment:** _____**CA:** _____**Date:** _____**Wildlife BMPs:**

BMP Type	Comment
PROPOSED BMPs	<p>oxy A subsidiary of Occidental Petroleum Corporation Grand Junction, CO 81506</p> <p>Re: Occidental Petroleum Corporaiton (Oxy), Operator Number 66571, Best Management Practices (BMPs) for Proposed Produced Water Storage Water Pit (Pond G)</p> <p>In order to protect public health, safety and welfare and to prevent adverse environmental impacts, OXY USA WTP LP (Oxy) is proposing g the following BMPs for the proposed Pond G located in the SENW Section 16, T6S, R97W, 6 PM, Garfield Country, Colorado</p> <ul style="list-style-type: none"> • The pond will be lined with 60 mills reinforced Polyethylene and underlain with an 8 oz Geocomposite liner and Geosynthetic Clay liner • The pond will be hydrottested, prior to being brought into service. • A wildlife fence will be constructed around the pond to prevent wildlife interference • No construction will take place in fill. • Oxy will comply with all standards outlined in the Notice to Operators drilling wells within 3 4 of the Rim of the Roan Plateau in Garfield, Country (Pit Design, Construction, and Monitoring Requirements dated June 12, 2008) Specifically, Oxy will insure that a minimum of two feet is maintained at all times between the top of the pond liner at its lowest point of elevation and the fluid level of the pond Additionally, any accumulation of oil in the pond will be removed within twenty -four hours of discovery. • In regards to Stormwater, Oxy will remain in compliance with all Stormwater rules and regulations governed by the CDPHE Furthermore, Oxy's Stormwater Management Plan (SWMP) will incorporate, when necessary, the following BMPs <p>1 Implementation of structural practices for erosion and sediment control Practices may include straw bales, wattles /sediment control logs, silt fences, earth dikes, drainage swales, sediment traps, subsurface drains, pipe slope drains, inlet protection, outlet protection, gabions, and temporary or permanent sediment basins</p> <p>2 Implement non - structural practices for erosion and sediment control Non-structural practices may include temporary vegetation, permanent vegetation,</p> <p>Please let me know if you have any questions, comments, or if you require additional</p>

information I can be reached at 970 263 3650 or at denny_vigil@oxy.com If I am unavailable to assist you in any manner, please feel free to contact Daniel Padilla, Regulatory Advisor, at 970 263 3637 or at daniel_paddla @oxy.com

Sincerely,

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mulching, geotextiles, sod stabilization, slope roughening, vegetative buffer strips, protection of trees, and preservation of mature vegetation

3 Implement phased BMP implementation by identifying the stormwater management controls to be implemented during the project phases, which can include clearing and grubbing, road construction, utility and infrastructure installation, vertical construction; final grading, and final stabilization

4 Minimize impacts from procedures or significant materials that could contribute to pollutants to runoff Such procedures or significant materials may include exposed storage or budding materials, paints and solvents

5 Final stabilization and long -term stormwater management practices for obtaining vegetative cover may include seed mix selection and application methods, soil preparation and amendments, soil stabilization practices (e.g. crimped straw, hydro mulch or rolled erosion control products), and appropriate sediment controls BMPs as needed until finalization is achieved

6 Oxy will conduct stormwater inspections in compliance with CDPHE rules and regulation

S/U/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Stormwater:

Comment: _____

Staking:

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____ Address: _____

Phone Number: _____ Cell Phone: _____

Operator Rep. Contact Information:

Landman Name: _____ Phone Number: _____

Date Onsite Request Received: _____ Date of Rule 306 Consultation: _____

Request LGD Attendance: _____

LGD Contact Information:

Name: _____ Phone Number: _____ Agreed to Attend: _____

Inspector Name: LONGWORTH, MIKE

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Environmental

Spills/Releases:

Type of Spill: _____ Description: _____ Estimated Spill Volume: _____
Comment: _____
Corrective Action: _____ Date: _____
Reportable: _____ GPS: Lat _____ Long _____
Proximity to Surface Water: _____ Depth to Ground Water: _____

Water Well:

Lat _____ Long _____
DWR Receipt Num: _____ Owner Name: _____ GPS : _____

Field Parameters:

Sample Location: _____

Emission Control Burner (ECB): _____

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): _____

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: RANGELAND

Comment: _____

1003a. Debris removed? _____ CM _____
CA _____ CA Date _____
Waste Material Onsite? _____ CM _____
CA _____ CA Date _____
Unused or unneeded equipment onsite? _____ CM _____
CA _____ CA Date _____
Pit, cellars, rat holes and other bores closed? _____ CM _____
CA _____ CA Date _____
Guy line anchors removed? _____ CM _____
CA _____ CA Date _____
Guy line anchors marked? _____ CM _____
CA _____ CA Date _____

Inspector Name: LONGWORTH, MIKE

- 1003b. Area no longer in use? _____ Production areas stabilized ? _____
- 1003c. Compacted areas have been cross ripped? _____
- 1003d. Drilling pit closed? _____ Subsidence over on drill pit? _____
- Cuttings management: _____
- 1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? _____
- Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

1003 f. Weeds Noxious weeds? _____

Comment: _____

Overall Interim Reclamation _____

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: RANGELAND _____

Reminder: _____

Comment: _____

Well plugged _____ Pit mouse/rat holes, cellars backfilled _____

Debris removed _____ No disturbance /Location never built _____

Access Roads Regraded _____ Contoured _____ Culverts removed _____

Gravel removed _____

Location and associated production facilities reclaimed _____ Locations, facilities, roads, recontoured _____

Compaction alleviation _____ Dust and erosion control _____

Non cropland: Revegetated 80% _____ Cropland: perennial forage _____

Weeds present _____ Subsidence _____

Comment: _____

Corrective Action: _____ Date _____

Overall Final Reclamation _____ Well Release on Active Location ☐ Multi-Well Location ☐

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

S/U/V: _____ Corrective Date: _____

Comment: _____

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

Inspector Name: LONGWORTH, MIKE

Pit Type: _____ Lined: YES Pit ID: _____ Lat: 39.525150 Long: -108.228000

Lining:

Liner Type: Plastic Liner Condition: Adequate

Comment: Baseball size hole/tear on east side on top near anchor trench.

Fencing:

Fencing Type: Wildlife Fencing Condition: Inadequate

Comment: Holes and gaps. Gaps around gates and different areas at bottom of fence and ground. Holes cut for water lines are

Netting:

Netting Type: _____ Netting Condition: _____

Comment: No netting

Anchor Trench Present: YES Oil Accumulation: YES 2+ feet Freeboard: _____

Pit (S/U/V): Violation Comment: Oil accumulation along south wall of pit. Permit list treatment method as separator. No separator was found at pit.

Corrective Action: Remove oil accumulation from pit with in 24 hours. Identify treament method of pit. Date: 11/06/2013

Permit:	Facility ID	Permit Num	Expiration Date
	291975	1433711	
	414402	1630651	
	423514	2214297	
	423514	2214297	