

**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:

08/01/2013

Document Number:

663801384

Overall Inspection:

Unsatisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>335643</u>	<u>335643</u>	<u>LONGWORTH, MIKE</u>	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 66571 Name of Operator: OXY USA WTP LPAddress: P O BOX 27757City: HOUSTON State: TX Zip: 77227**Contact Information:**

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

Compliance Summary:QtrQtr: SENW Sec: 16 Twp: 6S Range: 97W**Inspector Comment:**

CascadeCrk 697-16-37D and CascadeCrk 697-16-18D are on a separate location just above the other wells.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
278335	WELL	AL	11/27/2012	LO	045-10865	CASCADE CREEK 697-16-28	<input type="checkbox"/>
284597	WELL	PA	06/10/2006	LO	045-12220	CASCADE CREEK 697-16-12D	<input checked="" type="checkbox"/>
284599	WELL	PR	04/11/2012	GW	045-12225	CASCADE CREEK 697-16-37D	<input checked="" type="checkbox"/>
284602	WELL	AL	11/27/2012	LO	045-12228	CASCADE CREEK 697-16-28D	<input type="checkbox"/>
284603	WELL	PR	10/01/2008	GW	045-12227	CASCADE CREEK 697-16-18D	<input checked="" type="checkbox"/>
284604	WELL	DA	08/05/2006	LO	045-12226	CASCADE CREEK 697-16-29D	<input checked="" type="checkbox"/>
422386	WELL	PR	01/03/2012	GW	045-20566	Cascade Creek 697-16-23A	<input checked="" type="checkbox"/>
422392	WELL	PR	01/05/2012	GW	045-20567	Cascade Creek 697-16-11B2	<input checked="" type="checkbox"/>
422393	WELL	PR	02/29/2012	GW	045-20568	Cascade Creek 697-16-21B	<input checked="" type="checkbox"/>
422409	WELL	PR	01/05/2012	GW	045-20573	Cascade Creek 697-16-15C	<input checked="" type="checkbox"/>
422415	WELL	PR	01/03/2012	GW	045-20574	Cascade Creek 697-16-29B	<input checked="" type="checkbox"/>
422426	WELL	PR	01/05/2012	GW	045-20578	Cascade Creek 697-16-23B	<input checked="" type="checkbox"/>
422448	WELL	PR	01/05/2012	GW	045-20579	Cascade Creek 697-16-15B	<input checked="" type="checkbox"/>
422450	WELL	PR	07/09/2012	GW	045-20580	Cascade Creek 697-16-29A	<input checked="" type="checkbox"/>
422477	WELL	PR	02/16/2012	GW	045-20584	Cascade Creek 697-16-13A2	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>13</u>	Production Pits: _____
Condensate Tanks: <u>1</u>	Water Tanks: <u>3</u>	Separators: <u>3</u>	Electric Motors: _____
Gas or Diesel Mortors: <u>1</u>	Cavity Pumps: <u>1</u>	LACT Unit: <u>9</u>	Pump Jacks: _____
Electric Generators: <u>1</u>	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: <u>1</u>	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: <u>1</u>	Flare: _____	Fuel Tanks: <u>1</u>

Location**Signs/Marker:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
CONTAINERS	Satisfactory	DOT labels on chemical totes		
WELLHEAD	Satisfactory			
BATTERY	Satisfactory			
TANK LABELS/PLACARDS	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
OTHER	Unsatisfactory	Oily spill diaper at south east corner of tank berm	Remove and dispose of diaper	08/02/2013

Spills:

Type	Area	Volume	Corrective action	CA Date
Lube Oil	WELLHEAD	<= 5 bbls	Clean up lube oil stains around wellheads.	08/02/2013

☐ Multiple Spills and Releases?**Fencing/:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
SEPARATOR	Satisfactory			
WELLHEAD	Satisfactory			

Equipment:

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Bird Protectors	6	Satisfactory			
Ancillary equipment	5	Satisfactory	well treatment chemical totes at well heads		
Horizontal Heated Separator	11	Satisfactory			
Plunger Lift	10	Satisfactory			

Facilities:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
METHANOL	1	<50 BBLS	STEEL AST	39.524730,108.225200	
S/U/V:	Satisfactory		Comment: _____		
Corrective Action: _____				Corrective Date: _____	
<u>Paint</u>					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
<u>Berms</u>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					
Facilities:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CONDENSATE	1	400 BBLS	STEEL AST	39.524550,108.225360	
S/U/V:	Satisfactory		Comment: _____		
Corrective Action: _____				Corrective Date: _____	
<u>Paint</u>					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
<u>Berms</u>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					

Facilities:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
PRODUCED WATER	3	400 BBLS	STEEL AST	,	
S/U/V:	Satisfactory		Comment:	At separators	
Corrective Action:				Corrective Date:	
Paint					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
Berms					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Corrective Action				Corrective Date	
Comment					
Venting:					
Yes/No		Comment			
Flaring:					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	
Ignitor/Combustor	Satisfactory				

Predrill

Location ID: 335643

Site Preparation:

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

Corrective Action: _____

Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczko	<p>GENERAL SITE AND ROAN RIM COAs:</p> <p>Operator must comply with all provisions of the June 12, 2008 Notice to Operators (NTO) Drilling Wells Within ¾ Mile of the Rim of the Roan Plateau in Garfield County – Pit Design, Construction, and Monitoring Requirements.</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.</p> <p>Any pit constructed to hold fluids (reserve pit, production pit, frac pit; except for flare pit, if built) must be lined.</p> <p>The nearby hillside must be monitored for any day-lighting of drilling fluids throughout the drilling of the surface casing interval.</p> <p>Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.</p> <p>Flowback and stimulation fluids must be sent to tanks to allow the sand to settle out before the fluids can be placed into any pipeline or pit located on the well pad. The flowback and stimulation fluid tanks must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material (per Rule 604.a.(4)). Under unforeseen upset conditions during flowback operations, operator may discharge flowback fluids directly into the pit, as needed (notice of intent to directly discharge into the pit must be sent to Dave Kubeczko; email dave.kubeczko@state.co.us).</p> <p>Berms or other containment devices shall be constructed in compliance with Rule 604.a.(4) around crude oil, condensate, and produced water storage tanks.</p> <p>The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.</p> <p>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.</p>	03/24/2011

Comment:**CA:****Date:****Wildlife BMPs:****Comment:****CA:****Date:****Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
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Inspector Name: LONGWORTH, MIKE

Corrective Action: _____		Date: _____	
Comments: Erosion BMPs: _____			
Other BMPs: _____			
Comment: _____			
Staking: _____			
On Site Inspection (305):			
<u>Surface Owner Contact Information:</u>			
Name: _____		Address: _____	
Phone Number: _____		Cell Phone: _____	
<u>Operator Rep. Contact Information:</u>			
Landman Name: _____		Phone Number: _____	
Date Onsite Request Received: _____		Date of Rule 306 Consultation: _____	
Request LGD Attendance: _____			
<u>LGD Contact Information:</u>			
Name: _____		Phone Number: _____	
		Agreed to Attend: _____	
<u>Summary of Landowner Issues:</u>			
<u>Summary of Operator Response to Landowner Issues:</u>			
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>			

Facility

Facility ID: 284597	Type: WELL	API Number: 045-12220	Status: PA	Insp. Status: PA
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Facility ID: 284599	Type: WELL	API Number: 045-12225	Status: PR	Insp. Status: PR
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Producing Well

Comment: Producing well

Facility ID: 284603	Type: WELL	API Number: 045-12227	Status: PR	Insp. Status: PR
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Producing Well

Comment: Producing well

Facility ID: 284604	Type: WELL	API Number: 045-12226	Status: DA	Insp. Status: DA
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Producing Well

Comment: Producing well

Facility ID: 422386	Type: WELL	API Number: 045-20566	Status: PR	Insp. Status: PR
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Producing Well

Comment: Producing well

Inspector Name: LONGWORTH, MIKE

Facility ID: 422393	Type: WELL	API Number: 045-20568	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment: Producing well				

Facility ID: 422409	Type: WELL	API Number: 045-20573	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment: Producing well				

Facility ID: 422415	Type: WELL	API Number: 045-20574	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment: Producing well				

Facility ID: 422426	Type: WELL	API Number: 045-20578	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment: Producing well				

Facility ID: 422448	Type: WELL	API Number: 045-20579	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment: Producing well				

Facility ID: 422450	Type: WELL	API Number: 045-20580	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment: Producing well. triple stacked well head vavles. platform with staircases around well				

Facility ID: 422477	Type: WELL	API Number: 045-20584	Status: PR	Insp. Status: PR
<u>Producing Well</u>				
Comment: Producing well				

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? Pass CM _____

CA _____ CA Date _____

Waste Material Onsite? Fail CM 5 gallon bucket of fluid (oil?) no label, lid, and no containment

CA Remove bucket or store appropriately CA Date 08/02/2013

Unused or unneeded equipment onsite? Pass CM _____

CA _____ CA Date _____

Pit, cellars, rat holes and other bores closed? Pass CM _____

CA _____ CA Date _____

Guy line anchors removed? Fail CM Unmarked deadmen

CA Mark ofr remove deadmen CA Date 08/31/2013

Guy line anchors marked? Fail CM Unmarked deadmen

CA Mark ofr remove deadmen CA Date 08/31/2013

1003b. Area no longer in use? In Production areas stabilized? Pass

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 REVEGETATIONCropland

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 In Process**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 _____

Inspector Name: LONGWORTH, MIKE

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

Multi-Well Location ☐

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Berms	Pass	Berms	Pass	MHSP	Fail	5 gal bucket of fluid w/o lid or 2nd containment
Compaction	Pass	Compaction	Pass			
Ditches	Pass	Ditches	Pass			
Seeding		Culverts	Pass			
Gravel	Pass	Gravel	Pass			

S/U/V: Satisfactory _____ Corrective Date: _____

Comment: _____

CA: _____