

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:
06/11/2014

Document Number:
674300031

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>301702</u>	<u>334404</u>	<u>Spencer, Stan</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>66561</u>
Name of Operator:	<u>OXY USA INC</u>
Address:	<u>PO BOX 27757</u>
City:	<u>HOUSTON</u> State: <u>TX</u> Zip: <u>77227</u>

- 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
LUJAN, CARLOS		carlos.lujan@state.co.us	
NEIDEL, KRIS		kris.neidel@state.co.us	
AXELSON, JOHN		john.axelson@state.co.us	
FISCHER, ALEX		alex.fischer@state.co.us	
Clark, Chris	970.263.3651	Chris_Clark@oxy.com	Field Regulatory lead

Compliance Summary:

QtrQtr:	<u>SWSW</u>	Sec:	<u>11</u>	Twp:	<u>10S</u>	Range:	<u>94W</u>
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
05/27/2014	674300024			SATISFACTORY Y			No

Inspector Comment:

Site visit by Spencer, Luhan, and Neidel of COGCC with Chris Clark and John Kimberling of OXY to update/assess current status of well pad relating to Collbran landslide of 5/25/14.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
299393	WELL	PR	08/31/2012	GW	077-09807	HAWKINS RANCH 14-3A	PR
300181	WELL	PR	12/20/2010	GW	077-09886	HAWKINS RANCH 14-4A	PR
300182	WELL	PR	10/24/2010	GW	077-09885	HAWKINS RANCH 11-13C	PR
300183	WELL	AL	10/24/2012	LO	077-09884	HAWKINS RANCH 10-16C	AL
300184	WELL	AL	06/28/2011	LO	077-09883	HAWKINS RANCH 15-1A	AL
300185	WELL	AL	10/24/2012	LO	077-09882	HAWKINS RANCH 10-16B	AL
301700	WELL	AL	12/06/2012	LO	077-10012	Hawkins Ranch 10-9B	AL
301702	WELL	AL	12/03/2012	LO	077-10014	Hawkins Ranch 10-9C	AL

Inspector Name: Spencer, Stan

301704	WELL	AL	12/03/2012	LO	077-10016	Hawkins Ranch 10-10B	AL	
301705	WELL	AL	12/07/2012	LO	077-10017	Hawkins Ranch 11-13B	AL	
301706	WELL	AL	12/07/2012	LO	077-10018	Hawkins Ranch 11-14A	AL	
301707	WELL	AL	12/06/2012	LO	077-10019	Hawkins Ranch 11-13A	AL	
301708	WELL	AL	12/07/2012	LO	077-10020	Hawkins Ranch 11-13	AL	
301710	WELL	AL	12/06/2012	LO	077-10022	Hawkins Ranch 10-15C	AL	
301711	WELL	AL	12/06/2012	LO	077-10023	Hawkins Ranch 10-16	AL	

Equipment: Location Inventory

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

Location

Emergency Contact Number (S/A/V): _____ Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

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

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 301702

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/AV: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

S/AV: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

S/AV: _____ **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: _____

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: _____

Follow-up site visit to assess current status of pad after 5/25/2014 landslide. Site first inspected 5/27/14. At 3pm Spencer, Lujan, and Neidel-COGCC met with Chris Clark and John Kimberling of OXY at the well pad. There has been no apparent movement of the slide in the area of well pad since the last visit and no apparent damage to infrastructure other than that noted in 5/27/15 report. A pipeline riser has been bent at the edge of the pad but tanks, separators, and wells have not been impacted by slide debris. The 3 wells on site have been "hard" shut in. All valves have been chained and padlocked closed and lockout/tagout labels attached with warnings not to open. Tanks have been emptied and the pipeline purged. The waterfall from the scarp appears to be greatly reduced in flow volume. Snowmelt at the rim appears to be 90-95% complete as viewed in current aerial photo provided by Chris. The lake behind the debris pile at the base of the waterfall/scarp has not overflowed and subsequently a new stream channel has not been established. The following information was verbally provided by Chris Clark: A LIDAR survey has been flown and a high resolution topographic map generated of the entire slide surface. GPS transmitters have been stationed on the upper slopes of the slide and will transmit any movement of the slide. OXY has hired a geotechnical consultant who has reported no apparent movement or slope instability on the pad or the un-impacted slopes above the pad. OXY's electronic logs showed no pressure changes in the casing during the event which would indicate damage to sub-surface structures. OXY will continue to consult with COGCC, USGS, CGS and Mesa County to ensure the site is stable prior to regrading the slide slopes adjacent to the pad, repairing the pipeline and resuming operation of the wells. See attached photos.

Corrective Action: **No spill. Wells shut in until slide judged to be stable.** Date: _____

Reportable: _____ GPS: Lat _____ Long _____

Proximity to Surface Water: _____ Depth to Ground Water: _____

Water Well:

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

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: _____

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: Spencer, Stan

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: _____

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/A/V: _____ Corrective Date: _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Attached Documents

Inspector Name: Spencer, Stan

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
674300032	Collbran Landslide OXY Pad	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3364743