

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:
10/24/2014

Document Number:
674900175

Overall Inspection:

ALLEGED VIOLATION

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>292381</u>	<u>313641</u>	<u>Hughes, Jim</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>10107</u>
Name of Operator:	<u>REDWINE RESOURCES INC</u>
Address:	<u>8214 WESTCHESTER STE 740</u>
City:	<u>DALLAS</u> State: <u>TX</u> Zip: <u>75225</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
Chesson, Bob		robert.chesson@state.co.us	
Ash, Margaret		margaret.ash@state.co.us	
Fischer, Alex		alex.fischer@state.co.us	
Weems, Mark		mark.weems@state.co.us	
Labowskie, Steve		steve.labowskie@state.co.us	
Andrews, Dave		david.andrews@state.co.us	

Compliance Summary:

QtrQtr:	<u>SWNE</u>	Sec:	<u>1</u>	Twp:	<u>46N</u>	Range:	<u>14W</u>
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
10/15/2012	663301017	TA	TA	ALLEGED VIOLATION	F		Yes

Inspector Comment:

On October 24, 2014 COGCC SW EPS Jim Hughes conducted an environmental field inspection of the Redwine Resources South Nucla Unit #1-32 to determine potential environmental impacts and collect samples of an existing drilling pit. Two soil samples and one fluid sample were taken from inside the pit. Please refer to document #663301017 for the most recent field inspection report of this facility. Corrective action dates are subject to COGCC orphan well work prioritization.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
292381	WELL	TA	07/11/2007	GW	085-06047	SOUTH NUCLA UNIT 1-32	EI <input checked="" type="checkbox"/>

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

Lease Road:				
Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access	ACTION REQUIRED	Erosion along access road.	To be addressed during orphan well plugging, abandonment, and reclamation. CA date set as end of fiscal year 2014, but actual date may be extended to a later date based on COGCC orphan workprioritization.	06/30/2015

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	ACTION REQUIRED	No signs on location.	Install sign to comply with rule 210.	06/30/2015

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

Comment: _____

Corrective Action: _____

Good Housekeeping:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WEEDS	ACTION REQUIRED	Weeds present on pad as well as cut and fill slopes.	To be addressed during orphan well plugging, abandonment, and reclamation. CA date set as end of fiscal year 2014, but actual date may be extended to a later date based on COGCC orphan workprioritization.	06/30/2015
TRASH	ACTION REQUIRED	Trash and debris present on location.	To be addressed during orphan well plugging, abandonment, and reclamation. CA date set as end of fiscal year 2014, but actual date may be extended to a later date based on COGCC orphan workprioritization.	06/30/2015

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

Fencing/:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
PIT	ACTION REQUIRED	Fencing has been compromised allowing animals to access pit contents.	To be addressed during orphan well plugging, abandonment, and reclamation. CA date set as end of fiscal year 2014, but actual date may be extended to a later date based on COGCC orphan workprioritization.	06/30/2015

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Deadman # & Marked	4	SATISFACTORY			

Venting:	
Yes/No	Comment

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 292381

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

S/A/V: _____ **Comment:**

CA: **Date:** _____

Wildlife BMPs:

S/A/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: _____

Summary of Landowner Issues:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 292381 Type: WELL API Number: 085-06047 Status: TA Insp. Status: EI

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:

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

Field Parameters:

Sample Location: _____ Other _____

Sample Sample Type: STORM WATER
 Time: 10/24/2014 1300 (MM/dd/yyyy hh:mm) GPS: Lat 38.269500 Long -108.359890
 BTEX: YES TPH: YES Anion: _____ Captions: _____ General Chemistry: _____
 Dissolved Methane: _____ Composition: _____ Stable Isotopes: _____ 8260: _____
 8270: _____ RCRA Metals: _____ 910-Metals: _____ PAH: YES
 Other: Table 910-1 constituents
 Comment: Fluid sample from northern portion of pit. A clean 8 oz. sample container was used as a dipper to retrieve samples. Algae and aquatic insects were present in this standing water.

Sample Sample Type: SOIL GRAB
 Time: 10/24/2014 12:45 (MM/dd/yyyy hh:mm) GPS: Lat 38.269570 Long -108.359830
 BTEX: YES TPH: YES Anion: _____ Captions: _____ General Chemistry: _____
 Dissolved Methane: _____ Composition: _____ Stable Isotopes: _____ 8260: _____
 8270: _____ RCRA Metals: _____ 910-Metals: _____ PAH: YES
 Other: Table 910-1 constituents
 Comment: Sample taken from alluvial fan of storn water deposition inside of pit. Soil is light tan and near the edge of a pool of standing water. Two 4 oz. jars and one 1 gallon zip loc bag were filled at this location.

Sample Sample Type: SOIL GRAB
 Time: 10/24/2014 12:30 (MM/dd/yyyy hh:mm) GPS: Lat 38.269380 Long -108.359950
 BTEX: YES TPH: YES Anion: _____ Captions: _____ General Chemistry: _____
 Dissolved Methane: _____ Composition: _____ Stable Isotopes: _____ 8260: _____
 8270: _____ RCRA Metals: _____ 910-Metals: _____ PAH: YES
 Other: Table 910-1 constituents
 Comment: Sample taken from southern portion of the pit. Two 4 oz. jars and one 1 gallon zip loc bag were filled at this location. Material appeared to be drill cuttings.

Lab:

Lab Name
 Green Analytical Laboratory

Waste Management:				
Type	Management	Condition	Comment	GPS (Lat) (Long)
Drill Cuttings	Pits	Inadequate	Liner has been compromised. Weeds growing in pit contents and through liner.	38.269412 - 108.359857

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 _____

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
Berms	Fail	Ditches	Fail			
Silt Fences	Fail	Culverts	Pass			

S/A/V: **ACTION REQUIRED** Corrective Date: **06/30/2015**

Comment: **Silt fence on northern edge of location is no longer functional. Storm water diversion berms on cut slope have been compromised. Cut slope is eroding onto location and into pit. Erosion along access road.**

CA: **To be addressed during orphan well plugging, abandonment, and reclamation. CA date set as end of fiscal year 2014, but actual date may be extended to a later date based on COGCC orphan work prioritization.**

Pits: NO SURFACE INDICATION OF PIT

Inspector Name: Hughes, Jim

Pit Type: Drilling Pit Lined: YES Pit ID: _____ Lat: 38.269412 Long: -108.359857

Lining:

Liner Type: HDPE Liner Condition: Inadequate

Comment: Vegetation growing through torn areas of liner.

Fencing:

Fencing Type: Netting/Fen Fencing Condition: Inadequate

Comment: Fence has been compromised on west side, allowing animals to access pit contents.

Netting:

Netting Type: Fence/Net Netting Condition: Sagging into pit

Comment: Netting is sagging into standing water inside of pit. Netting has been buried by sediment in places.

Anchor Trench Present: YES Oil Accumulation: NO 2+ feet Freeboard: _____

Pit (S/A/V): ACTION Comment: Approximately one foot freeboard from pit contents to compromised areas of liner.

Corrective Action: To be addressed during orphan well plugging, abandonment, and reclamation. CA date set as end of fiscal year 2014, but actual date may be extended to a later date based on COGCC orphan work prioritization. Date: 06/30/2015

COGCC Comments

Comment	User	Date
<p>Sample #1024141230 was taken from the southern portion of the pit, from what appeared to be drill cuttings. There is active plant growth inside of the pit. Sedimentation from storm water events is present inside of pit. White evaporite crusts are present in places. Animal tracks are present in the pit contents.</p> <p>Sample #1024141245 was taken from an alluvial fan of storm water deposition. Material was light tan and near the edge of a pool of standing water. There are no exposed solids in the northern portion of the pit.</p> <p>Sample #1024141300 is a sample of the fluid in the northern portion of the pit. Algae and aquatic insects are present in this pool. The contents of this portion of the pit appear light tan where storm water deposition has occurred. Other areas appear orange/red to brown and green.</p>	hughesj	10/26/2014

Attached Documents

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

Document Num	Description	URL
674900176	Drilling pit	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3467711
674900177	Sample #1024141230 location	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3467712
674900178	Sample #1024141245 location	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3467713
674900179	Sample #1024141300 location	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3467714