

**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

DE	ET	OE	ES
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Inspection Date:  
10/24/2014Document Number:  
674900175

Overall Inspection:

**ALLEGED VIOLATION****FIELD INSPECTION FORM**

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

**Operator Information:**OGCC Operator Number: 10107Name of Operator: REDWINE RESOURCES INCAddress: 8214 WESTCHESTER STE 740City: DALLAS State: TX Zip: 75225

- ☐ 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: SWNE Sec: 1 Twp: 46N Range: 14W

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	<b>ACTION REQUIRED</b>	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	<b>ACTION REQUIRED</b>	No signs on location.	Install sign to comply with rule 210.	<b>06/30/2015</b>

Emergency Contact Number (S/A/V): \_\_\_\_\_

Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

**Good Housekeeping:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WEEDS	<b>ACTION REQUIRED</b>	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	<b>ACTION REQUIRED</b>	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
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☐ Multiple Spills and Releases?**Fencing/:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
PIT	<b>ACTION REQUIRED</b>	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

Inspector Name: Hughes, Jim

**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**

Inspector Name: Hughes, Jim

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:

Lat Long  
DWR Receipt Num: Owner Name: GPS :

#### 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 storm 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

<b>Waste Management:</b>				
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 \_\_\_\_\_

Inspector Name: Hughes, Jim

**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
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. 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. 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.	hughesj	10/26/2014

**Attached Documents**

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

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