

**FORM  
INSP**Rev  
X/15**State of Colorado  
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

12/06/2016

Submitted Date:

12/30/2016

Document Number:

673714531**FIELD INSPECTION FORM**
 Loc ID 322212 Inspector Name: Sherman, Susan On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_
**Operator Information:**OGCC Operator Number: 10548Name of Operator: HRM RESOURCES II LLCAddress: 410 17TH STREET #1600City: DENVER State: CO Zip: 80202**Status Summary:**

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

**Findings:**10 Number of Comments1 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Koehler, Bob	(303) 894-2100 X5147	bob.koehler@state.co.us	COGCC UIC
Pape, Terry	(970) 768-5700	tpape@hrmres.com	
Prohaska, April	(303) 893-6621	aprohaska@hrmres.com	
Hutson, L. Roger	(303) 893-6621	lrhutson@hrmres.com	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
209741	WELL	SI	08/24/2011	DSPW	039-06646	CANYON ENERGY STATE ALBERTA 36-34	PA

**General Comment:**

**Location**Overall Good: ☒**Signs/Marker:**

Type	DRILLING/RECOMP		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment: 720-836-6046

Corrective Action:

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

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment:

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

Type	WELLHEAD		
Comment:	tin box		
Corrective Action:		Date:	

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
			CENTRALIZED BATTERY		,
Comment:					
Corrective Action:					Date:

**Paint**

Condition	
Other (Content)	
Other (Capacity)	
Other (Type)	

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:				
Corrective Action:				Date:

**Venting:**

Yes/No		
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Comment:			
Corrective Action:		Date:	

**Flaring:**

Type			
Comment:			
Corrective Action:		Date:	

**Location Construction**

Location ID: 209741 CDP: \_\_\_\_\_

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

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

**Form 2A COAs:**

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

Corrective Action: **Submit completed Form 17 to COGCC database within 10 days.** Date: **01/06/2017**

**Wildlife BMPs:**

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

Corrective Action: \_\_\_\_\_ **Date:** \_\_\_\_\_

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

**Corrective Action:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**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:

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Summary of Operator Response to Landowner Issues:

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Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

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**Inspected Facilities**Facility ID: 209741 Type: WELL API Number: 039-06646 Status: SI Insp. Status: PA**Cement**Cement ContractorContractor Name: MagnaContractor Phone: 970-284-5752Surface Casing

Cement Volume (sx): \_\_\_\_\_

Circulate to Surface: \_\_\_\_\_

Cement Fall Back: \_\_\_\_\_

Top Job, 1" Volume: \_\_\_\_\_

Intermediate Casing

Cement Volume (sxs): \_\_\_\_\_

Good Return During Job: \_\_\_\_\_

Production Casing

Cement Volume (sx): \_\_\_\_\_

Good Return During Job: \_\_\_\_\_

Plugging OperationsDepth Plugs(feet range): 5898', see belowCement Volume (sx): 149Good Return During Job: YESCement Type: CGC, 15.8#Comment:

12/20/2016

Bradenhead reading taken (dead).

12/21/2016

See attached daily report for Day 2 on H2S reading.

12/22/2016

Treated well with Scavenger and biocide for H2S (see attached daily report for Day 3).

Contacted Denver COGCC and LGD for Elbert Cty. A Form 42 will be completed for the previous day's H2S reading of 200 PPM. All hands had gas monitor and operator had an additional gas monitor at the controls. No H2S readings encountered.

12/23/2016

Set CIBP @ 5898'

12/27/2016

500 psi on casing for 5 min

12 sxs cement on 5898' CIBP

monitoring for H2S, not in returns

Wireline perf'd at 5016' per SE

12/28/2016

Pressure tested casing at 500 psi

Set CICR at 4966' and pumped 42 sxs for Niobrara plug

Set balance plug at 2675-2775' with 12 sxs and circulated

Set balance plug at 1840-1730' with 15 sxs and circulated

Cut casing at 568' with jet cutter on wireline

12/29/2016

Pulled casing.

Set tubing at 633'

Pumped 70 sxs cement and circulated

12/30/2016

Tagged at 336'

Pumped 40 sxs cement to surface

Cut, capped and covered wellhead

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

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

**Workover**Comment:Magna Rig 6

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

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

**Reclamation - Storm Water - Pit****Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: \_\_\_\_\_

Comment: pasture, state land**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND  
SEGREGATION \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

1003a. Waste and Debris removed? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_

Comment \_\_\_\_\_

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

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 \_\_\_\_\_

## 1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment

Corrective Action  Date \_\_\_\_\_

## Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: \_\_\_\_\_

Reminder: \_\_\_\_\_

Comment:

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

Debris removed Pass 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 \_\_\_\_\_

## 1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

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
Other	Pass			Spill Response	Pass	vegetation

Comment: [Safety escape masks and gas monitors present.](#)

Corrective Action:

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

**Pits:** ☒ NO SURFACE INDICATION OF PIT**COGCC Comments**

Comment	User	Date
<a href="#">Submit Form 42 for H2S encountered at well on 12/22/2016.</a>	ShermaSe	12/25/2016

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

Document Num	Description	URL
673714531	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041394">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041394</a>
673714552	HRM Canyon Energy State Alberta 36-34 PA UIC	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041383">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041383</a>
673714592	HRM Canyon Energy State Alberta 36-34 Day 2 log	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041384">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041384</a>
673714593	HRM Canyon Energy State Alberta 36-34 Day 3 log	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041385">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041385</a>
673714594	HRM Canyon Energy State Alberta 36-34 12/22/16 PA	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041386">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041386</a>
673714631	HRM Canyon Energy State Alberta 36-34 12/27-29/16 PA	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041387">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041387</a>
673714635	HRm Canyon Energy State Alberta 36-34 Jet Cutter	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041388">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041388</a>
673714645	HRM Canyon Energy State Alberta 36-34 CCC	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041389">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041389</a>