

**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: _____

Status Summary:

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

Operator Information:

OGCC Operator Number: 10548
Name of Operator: HRM RESOURCES II LLC
Address: 410 17TH STREET #1600
City: DENVER State: CO Zip: 80202

Findings:

10 Number of Comments
1 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
Prohaska, April	(303) 893-6621	aprohaska@hrmres.com	
Hutson, L. Roger	(303) 893-6621	lrhutson@hrmres.com	
Pape, Terry	(970) 768-5700	tpape@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	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	DRILLING/RECOMP		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Overall Good:

Spills:

Type	Area	Volume		

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:	<input type="text"/>				
Corrective Action:				Date:	

Paint

Condition	<input type="text"/>
Other (Content)	<input type="text"/>
Other (Capacity)	<input type="text"/>
Other (Type)	<input type="text"/>

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:	<input type="text"/>			
Corrective Action:			Date:	

Venting:

Yes/No	<input type="text"/>		
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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:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Inspected Facilities

Facility ID: 209741 Type: WELL API Number: 039-06646 Status: SI Insp. Status: PA

Cement

Cement Contractor

Contractor Name: Magna

Contractor Phone: 970-284-5752

Surface 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 Operations

Depth Plugs(feet range): 5898', see below

Cement Volume (sx): 149

Good Return During Job: YES

Cement 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:

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: <input type="text" value="Safety escape masks and gas monitors present."/>						Date: _____
Corrective Action: <input type="text"/>						
Pits: <input checked="" type="checkbox"/> NO SURFACE INDICATION OF PIT						

COGCC Comments		
Comment	User	Date
Submit Form 42 for H2S encountered at well on 12/22/2016.	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
673714552	HRM Canyon Energy State Alberta 36-34 PA UIC	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041383
673714592	HRM Canyon Energy State Alberta 36-34 Day 2 log	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041384
673714593	HRM Canyon Energy State Alberta 36-34 Day 3 log	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041385
673714594	HRM Canyon Energy State Alberta 36-34 12/22/16 PA	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041386
673714631	HRM Canyon Energy State Alberta 36-34 12/27-29/16 PA	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041387
673714635	HRm Canyon Energy State Alberta 36-34 Jet Cutter	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041388
673714645	HRM Canyon Energy State Alberta 36-34 CCC	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4041389