

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:
06/13/2014

Document Number:
670201287

Overall Inspection:

ACTION REQUIRED

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>223051</u>	<u>312964</u>	<u>BURGER, CRAIG</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>10273</u>
Name of Operator:	<u>HRM RESOURCES LLC</u>
Address:	<u>410 17TH STREET #1100</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80202</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
ANDREWS, DAVID		david.andrews@state.co.us	
pape, terry	303-893-6621	tpape@hrmres.com	operation engineer

Compliance Summary:

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
06/03/2014	673400623	PR	SI	ACTION REQUIRED			No
06/01/2014	669600112	PR	WK	ACTION REQUIRED			No
05/31/2014	669600109	PR	SI	ACTION REQUIRED			No
05/29/2014	674300027			ACTION REQUIRED			No
01/02/2014	673400180	PR	PR	ACTION REQUIRED			No
10/15/2012	669300199	PR	PR	ACTION REQUIRED			No
05/09/2011	200311674	PR	PR	ACTION REQUIRED			Yes
06/05/2000	200008037	PR	PR	SATISFACTOR Y		Pass	No

Inspector Comment:

On location to observe intermediate casing shoe plug. Overall inspection status will remain Action Required until the well is plugged and abandoned.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
100090	PIT		09/23/1999		-	BIG HOLE UNIT 23-2	<input type="checkbox"/>
100091	PIT		09/23/1999		-	BIG HOLE UNIT 23-2	<input type="checkbox"/>
100092	PIT		09/23/1999		-	BIG HOLE UNIT 23-2	<input type="checkbox"/>
100096	PIT		09/23/1999		-	BIG HOLE UNIT 23-2	<input type="checkbox"/>

223051	WELL	PR	03/18/1980	OW	081-06413	F L B UT/BIGHOLE DEEP 23-2	WK	<input checked="" type="checkbox"/>
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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: Signs and labels not addressed during this field inspection. Refer to Field Inspections on 1/2/2014 (#673400180) and 6/3/2014 (#673400623) for Actions Required and Deadlines.

Corrective Action: _____

Spills:				
Type	Area	Volume	Corrective action	CA Date
Crude Oil	Tank	<= 5 bbls	Two small (estimate 2-5 gallons) oil spills occurred when return lines from cement operations were disconnected. Clean up impacted soil after completion of plugging operations.	07/02/2014

Multiple Spills and Releases?

Venting:	
Yes/No	Comment
NO	

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

Predrill

Location ID: 223051

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:

Facility

Facility ID: 223051 Type: WELL API Number: 081-06413 Status: PR Insp. Status: WK

Cement

Cement Contractor

Contractor Name: Halliburton

Contractor Phone: _____

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): 10993-10793

Cement Volume (sx): 60

Good Return During Job: YES

Cement Type: G

Comment: Safety meeting at 8:15. Pressure test lines at 8:45 to 3500 psi. First attempt to pump 20 bbl water was at 1500 psi and rate was 1.8 bpm. Suspected heavy fluid in casing and the hole is not balanced. Switched over to pump down casing and return up tubing at 9:15. Still trying to balance hole at 10:30 pumping 0.5 bpm at 2800 psi. Returns contain oil when pumping down casing and returning through tubing. Alternating between pumping down tubing and casing. Gave up trying to roll the hole at 11893' at about 13:00. Pulled 15 stands (about 900') of tubing up to 10993'. Balance achieved in hole at 10993'. COGCC gave verbal approval to place plug from 10993' to ~ 10793' (60 sxs). Pumped 20.3 bbl plug at 15.8 ppg and yield 1.5 cf/sx at about 14:30. Silica flour added to mix. 56.6 bbl water displaced behind cement.

Workover

Comment: **Swabco began pulling tubing out of hole from 10993 at about 15:30. Cutters wireline on location to perforate at 5200'. Estimate is 5 or 6 hours to pull out of hole.**

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: _____

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

S/A/V: _____ Corrective Date: _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Pit Type: Plugging Lined: YES Pit ID: _____ Lat: _____ Long: _____

Lining:
 Liner Type: _____ Liner Condition: _____
 Comment: _____

Fencing:
 Fencing Type: _____ Fencing Condition: _____
 Comment: _____

Netting:
 Netting Type: _____ Netting Condition: _____
 Comment: _____

Anchor Trench Present: _____ Oil Accumulation: _____ 2+ feet Freeboard: _____

Pit (S/A/V): _____ Comment: _____

Corrective Action: _____ Date: _____