

**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:

06/08/2015

Document Number:

671000191

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	312743	312743	LUJAN, CARLOS	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 10150Name of Operator: BLACK HILLS PLATEAU PRODUCTION LLCAddress: 1515 WYNKOOP ST STE 500City: DENVER State: CO Zip: 80202

- ☐ 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
Donahue, Jessica	(720) 210-1333	jessica.donahue@blackhillsco rp.com	
Rowe, Kris		krowe@hrlcomp.com	HRL Compliance Solutions
Spencer, Stan		stan.spencer@state.co.us	
Fischer, Alex		alex.fischer@state.co.us	
Lujan, Carlos		carlos.lujan@state.co.us	

Compliance Summary:QtrQtr: NESE Sec: 10 Twp: 9s Range: 99w

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
09/19/2014	675200549			ACTION REQUIRED			No

Inspector Comment:

On site with Kris Rowe, from HRL Compliance Solutions, environmental consultant to Black Hills. Black Hills submitted a Form 27 remediation work plan to close the pit (REM #9040). The objective of the site visit was to discuss the pit closure. The pit was filled with water. No hydrocarbon was observed in the pit. Pit fenced and netted. According to the work plan, Black hills will remove and either recycle or dispose of the liner. Then, HRL will sample the pit to determine compliance with Table 910-1 before backfilling it. No stain was observed on the pad or near the tanks of wellheads; tanks have a secondary containment protected and liner; signs were in place; emergency number was posted on the wellhead and tanks signs. No weeds observed. Wellheads protected with a fence.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
292805	PIT	AC	10/04/2007		-	WINTER FLATS 10-43-99	AC
293191	WELL	PR	03/01/2013	GW	077-09440	Winter Flats 10-43-99	PR
430117	PIT	AC	09/06/2012		-	Winter Flats 10-43-99	AC

Equipment:Location Inventory

Inspector Name: LUJAN, CARLOS

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>1</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>1</u>	Separators: <u>1</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: <u>1</u>
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: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?

Venting:

Yes/No	Comment
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Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
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Predrill

Location ID: 312743

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczko	<p>FORM 15 PIT PERMIT COAs: Form 15 Pit permit must be reviewed and approved by director prior to receiving flowback fluids in pit.</p> <p>Notify COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us) and the COGCC Field Inspection Supervisor for Northwest Colorado (Shaun Kellerby; email shaun.kellerby@state.co.us) 48 hours prior to start of construction of the pit, pit liner installation, and start of fracing operations (via Form 42).</p> <p>The completions pit must be double-lined. The pit will also require a leak detection system (Rule 904.e).</p> <p>Based on the cross-sections, a portion of the pit berm wall will be in fill; therefore, operator must submit as-built drawings (plan view and cross-sections) of the completion pit within 14 calendar days of construction.</p> <p>After installation of the uppermost liner and prior to operating the pit, the synthetic liner(s) shall be tested by filling the pit with at least 70 percent of operating capacity of water, measured from the base of the pit (not to exceed the 2-foot</p>	06/13/2012

		<p>freeboard requirement). The operator shall monitor the pit for leaks for a period of 72 hours prior to draining the pit and commencing operations. The leak detection system must also be monitored during the entire test. Operator shall notify the COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us) 48 hours prior to start of the hydrotest. Hydrotest monitoring results must be maintained by the operator for the life of the pit and provided to COGCC prior to using the pit.</p> <p>In lieu of conducting an initial hydrostatic test of the pit, the operator can monitor fluid levels in the pit continuously using a minimum of two pressure transducers located at the upgradient and downgradient ends of the pit (based on the original topographic profile). These pressure transducers should be linked to the operator's SCADA system such that they can be remotely monitored. In addition, the pit liner will be marked at the two foot freeboard depth line so that operations personnel (as well as COGCC inspectors) can easily verify that the required fluid free board is being maintained. The electronically collected water level measurement data shall be used to confirm changes in pit inflow and outflow during operations based on estimates from truck and/or pipeline delivery or removal activities. Any abnormalities that are noticed during operations will be reported to the operator's field supervisor immediately so that any necessary follow-up can be scheduled.</p> <p>Flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline or pit located on the well pad or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material.</p> <p>No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.</p> <p>For pits containing fluids other than freshwater only; the pit must be fenced. If the pit is not drained, or closure has not begun within 30 days after last use for well completion, the pit must be netted. The operator must maintain the fencing and netting until the pit is closed.</p> <p>Submit additional disposal facilities (wells, pits, etc.), if necessary (i.e., if original disposal option changes), for pit liquid contents to COGCC via a Form 4 Sundry prior to disposal.</p> <p>At the time of pit closure, operator must submit disposal information for solids, if necessary, via a Form 4 Sundry Notice to the COGCC Location Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us). The disposal method will need to be approved prior to operator starting pit closure.</p>	
OGLA	kubeczko	<p>SITE SPECIFIC COAs:</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via buried or temporary surface pipelines.</p> <p>Notify COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us) and the COGCC Field Inspection Supervisor for Northwest Colorado (Shaun Kellerby; email shaun.kellerby@state.co.us) 48 hours prior to start of construction of the pit, pit liner installation, and start of fracing operations (via Form 42).</p>	06/13/2012

S/AV: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

Inspector Name: LUJAN, CARLOS

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:			

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: _____	
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: RANGELAND

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: RANGELAND

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 _____

Inspector Name: LUJAN, CARLOS

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

Permit:	Facility ID	Permit Num	Expiration Date
	430117	400291561	
	292805	1433724	
	430117	400291561	

Attached Documents

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

Document Num	Description	URL
671000192	wellheads fenced	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3637257
671000193	Tanks with secondary containment	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3637258
671000194	Pit fenced and netted	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3637259