

**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:

08/23/2014

Document Number:

675100338

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection <input type="checkbox"/>
	438181	438181	GRANAHAN, KYLE	2A Doc Num: _____

Operator Information:

OGCC Operator Number:	<u>47200</u>	Name of Operator:	<u>KGH OPERATING COMPANY</u>
Address:	<u>P O BOX 2235</u>		
City:	<u>BILLINGS</u>	State:	<u>MT</u>
		Zip:	<u>59103-</u>

Contact Information:

Contact Name	Phone	Email	Comment
Kellerby, Shaun		shaun.kellerby@state.co.us	
Dyk, Joe	970-250-9770	joevdyk@aol.com	Operations
Burger, Craig		craig.burger@state.co.us	
Contact, Gen	406-294-4646	kgh@hohneng.com	Thomas Hohn, PE

Compliance Summary:

QtrQtr:	<u>Lot 5</u>	Sec:	<u>3</u>	Twp:	<u>1S</u>	Range:	<u>104W</u>
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Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
438123	PIT	AC	07/15/2014		-	Meagher #3-3H	<input type="checkbox"/>
438180	WELL	XX	07/20/2014		103-12121	MEAGHER 3-3H	<input checked="" type="checkbox"/>
438330	PIT	AC	07/30/2014		-	Meagher 3-3H	<input type="checkbox"/>

Equipment:**Location Inventory**

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>1</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: <u>1</u>	Electric Motors: <u>1</u>
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: <u>1</u>
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: <u>1</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location**Signs/Marker:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
DRILLING/RECOMP	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory

Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Venting:	
Yes/No	Comment

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 438181

Site Preparation:

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

Corrective Action: _____

Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkd	Notify the COGCC 48 hours prior to start of pad construction, pit construction, rig mobilization, spud, pipeline testing, start of hydraulic stimulation operations, and start of flowback operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).	05/27/2014
OGLA	kubeczkd	Operator shall pressure test pipelines in accordance with Rule 1101.e.(1) prior to putting into initial service any temporary surface or permanent buried pipelines and following any reconfiguration of the pipeline network.	05/27/2014
OGLA	kubeczkd	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 (if applicable) of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut. Pits containing flowback fluids or produced water must be lined with a minimum 24 mil HDPE liner. 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. Pits used exclusively for drilling shall be closed in accordance with the 1000-Series Rules. Any pit(s) used for purposes other than drilling shall be closed in accordance with Rule 905. Closure of Pits, and Buried or Partially Buried Produced Water Vessels; with an approved Site Investigation and Remediation Workplan, Form 27.	05/27/2014
OGLA	kubeczkd	Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.	05/27/2014

OGLA	kubeczkd	<p>The moisture content of any drill cuttings in a cuttings trench or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, if drill cuttings are to remain/disposed of onsite, they must also meet the applicable standards of table 910-1.</p> <p>If the well is to be hydraulically stimulated, 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 storage vessel located on the well pad; or pit located adjacent to 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 constructed to be sufficiently impervious to contain any spilled or released material.</p>	05/27/2014
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Comment: COA's are being met**CA:** _____**Date:** _____**Wildlife BMPs:**

BMP Type	Comment
Material Handling and Spill Prevention	Once the well is drilled and completed onsite KGH will prepare a SPCC plan for the site.
Wildlife	<p>SENSITIVE WILDLIFE AREA BMP</p> <ol style="list-style-type: none"> Where oil and gas activities must occur in mule deer critical winter range or elk winter concentration areas, conduct those activities outside the time period from December 1 through April 15 (construction and drilling operations). Restrict post-development well site visitations to between the hours of 10:00 AM and 3:00 PM and reduce well site visitations between December 1 and April 15 in mule deer and elk winter range. Establish company guidelines to minimize wildlife mortality from vehicle collisions on roads. Gate single-purpose roads and restrict general public access to reduce traffic disruptions to wildlife. Close and immediately reclaim all roads that are redundant, not used regularly, or have been abandoned to the maximum extent possible to minimize disturbance and habitat fragmentation. Avoid aggressive non-native grasses and shrubs in mule deer and elk habitat restoration. Reclaim mule deer and elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed. Restore appropriate sagebrush species or subspecies on disturbed sagebrush sites. Use locally collected seed for reseeding when possible.
Storm Water/Erosion Control	Stormwater management will be managed under KGH Operating Companies' (KGH) Stormwater Management Plan prepared for the project area. Prior to construction, a stormwater "perimeter" will be built around the site for initial work purposes. Once the drilling pad construction is completed, the site will be inspected and necessary Erosion Control Devices needed to manage sediment discharge from the pad will be installed. These devices may include but are not limited to: Rock Check Dams; Settling Ponds; Straw Waddles and; Silt Fencing.

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: _____

Inspector Name: GRANAHAH, KYLE

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: 438180 Type: WELL API Number: 103-12121 Status: XX Insp. Status: DG

Cement

Cement Contractor

Contractor Name: ProPetro

Contractor Phone: 435-789-1735

Surface Casing

Cement Volume (sx): 420

Circulate to Surface: NO

Cement Fall Back: NO

Top Job, 1" Volume: YES

Intermediate Casing

Cement Volume (sxs): _____

Good Return During Job: _____

Production Casing

Cement Volume (sx): _____

Good Return During Job: _____

Plugging Operations

Depth Plugs(feet range): _____

Cement Volume (sx): _____

Good Return During Job: _____

Cement Type: _____

Comment:

Job design
Shoe depth - 1005.39'
60bbls h20, 20bbls gel, 420 sks/86bbls 15.8 ppg class g,2% KCL, 1/4lbs per sks cellophane, 1.15 yield, 5 gals h20/sk,
74.4 bbls h20 disp. 357 psi lift/650 psi plug bump.

Initial cement job started at 3AM 420 sks 15.8 ppg pumped - no cement to surface.
1st topout at 8AM 150 sks 30 bbls 15.8 ppg pumped - no cement to surface
2nd topout at 1015AM 150 sks 30 bbls 15.8 ppg pumped - no cement to surface
3rd topout at 1230PM 75 sks 15 bbls 15.8 ppg pumped - cement to surface, monitored for 1hr minor drop in cement 3 inches.

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: 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 REVEGETATIONCropland

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:

Inspector Name: GRANAHAN, KYLE

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 _____

Weeds present _____

Subsidence _____

Comment: _____

Corrective Action: _____

Date _____

Overall Final Reclamation

Multi-Well Location ☐

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

S/U/V: _____

Corrective Date: _____

Comment: _____

CA: _____

Permit:	Facility ID	Permit Num	Expiration Date
	438123	400568838	
	438330	400615539	