

**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



Inspection Date:

08/11/2016

Document Number:

681901297

Overall Inspection:

ACTION REQUIRED

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	242192	318806	HELGELAND, GARY	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>46290</u>
Name of Operator:	<u>K P KAUFFMAN COMPANY INC</u>
Address:	<u>1675 BROADWAY, STE 2800</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
LARA-MESA, SUSANA	303-825-4822	cogcc@kpk.com	VP OF ENGINEER

Compliance Summary:

QtrQtr: SESE Sec: 9 Twp: 1N Range: 67W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
02/22/2011	200303624	PR	PR	SATISFACTORY			No
10/17/2008	200201137	PR	PR	ACTION REQUIRED			Yes
10/09/2002	200030842	BH	SI	SATISFACTORY		Pass	No
09/15/1999	500165017	PR	PR				
01/17/1996	500165016	PR	PR			Fail	Yes
07/17/1995	500165015	PR	PR			Pass	No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
242192	WELL	PR	03/20/1995	OW	123-09983	ROCKY MOUNTAIN FUEL CO C 8	PR	<input checked="" type="checkbox"/>
302055	WELL	AL	01/11/2010	LO	123-30209	NRC 16-9	AL	<input type="checkbox"/>
302058	WELL	AL	01/11/2010	LO	123-30211	NRC 37-9	AL	<input type="checkbox"/>
436223	WELL	PR	11/08/2014	OW	123-38996	NRC 1N-4HZ	PR	<input type="checkbox"/>
436224	WELL	PR	11/07/2014	OW	123-38997	NRC 27C-4HZ	PR	<input type="checkbox"/>
436225	WELL	PR	11/09/2014	OW	123-38998	NRC 26C-4HZ	PR	<input type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>4</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: <u>3</u>
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

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY			

Emergency Contact Number (S/AR): SATISFACTORY Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WEEDS	ACTION REQUIRED	WEEDS AT WELL AND ACCESS ROAD	CONTROL WEEDS.	09/11/2016

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

Fencing/:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
PUMP JACK	SATISFACTORY	Angle iron and wire mesh		

Equipment:				
Type: Pump Jack	# 1	Satisfactory/Action Required: SATISFACTORY		
Comment				
Corrective Action				Date:

Tanks and Berms:				
<input type="checkbox"/> New Tank		Tank ID: _____		
Contents	#	Capacity	Type	SE GPS
S/AR _____ Comment: Refer to inspection # 681901303 for information concerning shared battery and equipment.				
Corrective Action:			Corrective Date:	

Paint	
Condition	_____
Other (Content)	_____
Other (Capacity)	_____
Other (Type)	_____

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

Venting:

Yes/No	NO
Comment	

Flaring:

Type	Satisfactory/Action Required	
Comment:		
Corrective Action:		Correct Action Date:

Predrill

Location ID: 242192

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

S/AR: _____

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

Form 2A COAs:

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Drilling/Completion Operations	604c.(2).K. Pit Level Indicators: All tanks (used in lieu of pits) contain pit level monitors with Electronic Drilling Recorders (EDR). KMG uses EDRs with pit level monitor(s) and alarm(s) for production rigs. Basic level gages are used on tanks utilized for the surface rig.
Drilling/Completion Operations	604c.(2).I. BOPE Testing for Drilling Operations: Upon initial rig-up, BOPEs will be tested at a minimum of every 30 days.
General Housekeeping	604c.(2).P. Removal of Surface Trash: A commercial size trash bin for removing debris will be located on site. This bin will be for use by all parties affiliated with the operation.
Final Reclamation	604c.(2).U. Identification of Plugged and Abandoned Wells: Pursuant to rule 319.a.(5)., once the well has been plugged and abandoned, KMG will identify the location of the wellbore with a permanent monument that will detail the well name and date of plugging.

Community Outreach and Notification	<p>An offset property owner within 1,000' of this oil and gas location expressed concerns regarding noise, light, traffic and dust in relation to our operations. KMG commits to the following BMPs to mitigate the concerns.</p> <p>Dust: KMG will apply magnesium chloride to roads to alleviate dust. The offset property owner expressed concern over utilizing water to abate dust due to the mud it can create.</p> <p>Light: The offset property owner's concerns regarding light were primarily focused on lights from truck traffic. KMG offered to place hay bales anywhere feasible along the offset owner's property to block light associated with the project. The residence sits atop a hill, so the hay bales would be most effective placed near the residence or atop the hill. The hay bales will be installed by KMG at request of the offset property owner.</p> <p>Noise: KMG will place hay bales on along the southern, south-western and eastern sides of the pad location to damper noise during drilling and completions. The additional hay bales mentioned in the light BMP above will also help alleviate noise associated with this project, if the offset property owner chooses to have them installed.</p> <p>Traffic: Truck traffic will access the location using WCR 19 and WCR 10. This traffic route was worked out with the offset property owner. Oil will be piped instead of transported by truck from this oil and gas location to greatly reduce the traffic associated with this project. Water will also be piped to further reduce traffic.</p>
Planning	<p>604c.(2).S. Access Roads: KMG will utilize a lease access road from Weld County Road 10 for drilling operations and maintenance equipment. The road will be properly constructed and maintained to accommodate for local emergency vehicle access.</p> <p>Magnesium chloride will be used as needed on access roads to further abate dust.</p>
Final Reclamation	<p>604c.(2).T. Well Site Cleared: The wellsite will be cleared of all non-essential equipment within ninety (90) days after all wells associated with the pad have been plugged and abandoned.</p>
Drilling/Completion Operations	<p>604c.(2).H. BOPE: Our rigs at a minimum will have a double ram with blind and pipe ram; and annular preventer.</p>
Planning	<p>604c.(2).V. Development From Existing Well Pads: KMG will locate the three proposed horizontal wells on the existing well pad with Location ID # 318806 to reduce the amount of surface disturbance.</p>
Drilling/Completion Operations	<p>604c.(2).L. Drill Stem Tests: No drill stem tests are planned and none will be performed without prior approval from the Director.</p>
Construction	<p>604c.(2).M. Fencing Requirements: The completed wellsites will be surrounded with a fence and gate with adequate lock to restrict access to authorized personnel only. KMG personnel will monitor the wellsites regularly upon completion of the wells. Authorized representatives and/or KMG personnel shall be on-site during drilling and completion operations.</p>
Noise mitigation	<p>604c.(2).A. Noise: Sound mitigation barriers (hay bales) will be placed along the southern, southwestern and eastern sides of the pad location to damper noise during drilling and completions to the nearby residences and to Weld County Roads 10 and 19.</p> <p>Sound surveys that have been conducted on each rig type are utilized to anticipate any additional noise mitigation once a drilling rig is determined.</p>
Planning	<p>604c.(2).R. Tank Specifications: Two 500 barrel skid-mounted frac tanks will be temporarily placed on-site for use of the pre-spud rig only. One tank will store water and the other will store water based mud.</p>
Planning	<p>604c.(2).Q. Guy Line Anchors: Should guy line anchors be left buried for future use, they shall be identified by a bright marker greater than four (4) feet high and no more than one (1) foot east of the guy line anchor.</p>
Traffic control	<p>604c.(2).D. Traffic Plan: If required by the local government, a traffic plan will be coordinated with the local jurisdiction prior to commencement of operations.</p>
Planning	<p>604c.(2).E. Multiwell Pads: In order to reduce surface impact, this application is for a three-well pad.</p>
Drilling/Completion Operations	<p>604c.(2).B. Closed Loop Drilling System: KMG will use a closed loop or "pitless" system for drilling and fluid management and will not construct a reserve pit.</p>
Material Handling and Spill Prevention	<p>604c.(2).N. Control of Fire Hazards: KMG and its contractors will employ best management practices during the drilling and production of its wells and facilities and will comply with appropriate COGCC rules concerning safety and fire. KMG will ensure that any material that might be deemed a fire hazard will remain no less than twenty-five (25) feet from the wellhead(s), tanks and separator(s).</p>
General Housekeeping	<p>604c.(2).O. Loadlines: All loadlines shall be bullplugged or capped.</p>

Material Handling and Spill Prevention	604c.(2).W. Site-Specific Measures: KMG maintains a Stormwater Management Plan that assesses erosion control for every KMG operated location. This well pad will be added to this plan once construction begins. This plan is updated every fourteen (14) days and after any major weather event.
Construction	604c.(2).G. Berm Construction: Kerr-McGee will create tertiary containment by construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to further protect the ditch located 289' southwest of the oil and gas location.
Drilling/Completion Operations	604c.(2).J. BOPE for Well Servicing Operations: Blowout prevention equipment will be used on any servicing operations associated with this well. Backup stabbing valves will be used during any future servicing operations during reverse circulation. Valves shall be pressure tested before each well servicing operation using low-pressure air and high-pressure fluid.

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

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: 242192 Type: WELL API Number: 123-09983 Status: PR Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Bradenhead is plumed to surface.

CA: _____

CA Date: _____

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): Y
Comment: _____
Pilot: ON Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit

Interim Reclamation:
Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____
Land Use: DRY LAND
Comment: _____

1003a. Waste and Debris removed? Pass
CM _____
CA _____ CA Date _____

Unused or unneeded equipment onsite? Pass
CM _____
CA _____ CA Date _____

Pit, cellars, rat holes and other bores closed? Pass
CM _____
CA _____ CA Date _____

Guy line anchors marked? _____
CM _____
CA _____ CA Date _____

1003b. Area no longer in use? _____ Production areas stabilized ? Pass

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? Pass Segregated soils have been replaced? _____

RESTORATION AND REVEGETATION

Cropland

Top soil replaced Pass Recontoured Pass Perennial forage re-established In

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

Inspector Name: HELGELAND, GARY

1003 f. Weeds Noxious weeds? _____

Comment: _____

Overall Interim Reclamation In Process

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: DRY LAND

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
Gravel	Pass	Gravel	Pass			

S/A/V: SATISFACTORY Corrective Date: _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Attached Documents

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

Document Num	Description	URL
681901298	WELL	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3926748