

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:
11/12/2014

Document Number:
667100192

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>290682</u>	<u>333357</u>	<u>ROY, CATHERINE</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>26625</u>
Name of Operator:	<u>ELM RIDGE EXPLORATION COMPANY LLC</u>
Address:	<u>12225 GREENVILLE AVE STE 950</u>
City:	<u>DALLAS</u> State: <u>TX</u> Zip: <u>75243-</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
Archuleta, Amy		aarchuleta@elmridge.net	All SW Inspections
Lindeman, Terry		tlindeman@elmridge.net	

Compliance Summary:

QtrQtr:	<u>NWSW</u>	Sec:	<u>18</u>	Twp:	<u>33N</u>	Range:	<u>8W</u>
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
05/29/2012	661700353	PR	PR	SATISFACTORY	P		No

Inspector Comment:

This is an interim reclamation inspection. Any corrective actions from previous inspections that have not been addressed are still applicable.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
216579	WELL	PR	07/09/1999	GW	067-08185	JULIAN 1A	PR <input checked="" type="checkbox"/>
285631	WELL	PR	07/10/2007	GW	067-09201	IGW 112	PR <input checked="" type="checkbox"/>
290682	WELL	PR	02/01/2011	GW	067-09368	IGW 142	PR <input checked="" type="checkbox"/>
436988	WELL	DG	07/23/2014		067-09911	IGW 143	DG <input checked="" type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>4</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>3</u>	Separators: <u>5</u>	Electric Motors: _____
Gas or Diesel Mortors: <u>4</u>	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: <u>1</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

Emergency Contact Number (S/AV): _____ 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/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 290682

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

S/AV: _____
 Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
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.	03/14/2014
OGLA	kubeczkd	Notify the COGCC 48 hours prior to start of pad reconstruction/regrading (if necessary), rig mobilization, spud, and start of hydraulic stimulation operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).	03/14/2014
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. Operator shall notify the 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 Southwest Colorado (Steve Labowski; email steve.labowski@state.co.us) 48 hours prior to testing surface poly/steel or buried poly/steel pipelines.	03/14/2014
OGLA	kubeczkd	The moisture content of any cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. If the wells are 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 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 and with additional downgradient perimeter berming.	03/14/2014

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

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Traffic control	Rule 604.c.(2)D- Access is off a dirt road approximately 0.3 miles North of it's intersection with County Road 318. Access is granted by existing Surface Damage Agreement . Elm Ridge agrees to comply with any La Plata County traffic control measures required for this well.
Noise mitigation	(Rule 604.c.(2)ADrilling and Completion: Noise levels will be monoitored by operator and if exceeds acceptable levels operator agrees to install sound walls or, if necessary, provide reasonable motel accommodations for the affected party. Post-production: No necessity for engines or motorized equipment is anticipated. If such equipment becomes necessary, Elm Ridge will first try to electrify the location if it is practical and feassible. If not, they will orient exhaust away from the affected party and will use hospital grade mufflers, buried, in series. Elm Ridge will install sound walls if necessary
Drilling/Completion Operations	Rule 604.c.(2)B.- A closed loop system will be used. No fresh water pits are planned. Fresh water will be stored in above ground tanks Per Rule 604.c.(2)C.)-i.- There are producing wells within one mile of the location of the proposed IGE 127 well. It is anticipated that this will be a producing well and, if so, Elm Ridge will comply with applicable requirements under Rule 805. ii- No uncontrolled venting is anticipated (based on 500 mcf) iii-aa., bb. cc.- Elm Ridge will use a system capable of handling 1.5 Mmcf. Anticipated flowback is 0.5 Mmcf or less. No necessity for flaring is anticipated. Rule 604.c.(2)H.- Elm Ridge will be using a 3M system per BLM specifications. Rule 604.c.(2)I.- BOPE pressure testing will be performed weekly. 604.c.(2)K.- Pit level indicators will be used. 604.c.(2)L- Drill stem tests are not typically done and none are anticipated. Rule 604.c.(2)O- Load lines will be bullplugged Rule 604.c.(2)Q- Guy line anchors will be identified per COGCC rules and are tested before each use.
Material Handling and Spill Prevention	Per Rule 604.c.(2)G.- Berms will be constructed with corrugated metal sides and will will be sufficient in height and area to contain 150% of the volume of the largest single tank. Synthetic liners are being and will be used under tanks on location. Rule 604.c.(2)N-Any materials not in use that might constitute a fire hazard will be removed a minimum distance of twenty five feet from the wellhead, tanks and separator. No electrical equipment installations are planned inside the bermed area.
General Housekeeping	Rule 604.c.(2)P- Trash containers will be maintained on site. Trash will be hauled to and disposed at a commercial landfill.
Storm Water/Erosion Control	Wattles will be placed, where necessary, around the perimeter of the site prior to, or at the beginning of construction. The size and quantity of the wattles used will vary according to the location to insure adequate protection of drainage areas.
Construction	Rule 604.c.(2)V.- the IGE 127 well will be located in the immediate vicinity of and partially within the footprint of the existing Julian #1A well pad. Rule 604.c.(2)B.- no fresh water pits are planned. Rule 604.c.(2)E- The existing well access road will be used. No new disturbance is anticipated. Standard specifications for this access road include a driving surface constructed with with 6 inches of 3" minus gravel over a driving surface approximately 12 feet in width, crowned, with ditches and culverts where necessary for drainage. Rule 604.c.(2)M.- The tract of land where the well pad is located is perimeter fenced with a gate at entrance to well access. Rule 604.c.(2)V-The existing well pad for the Julian #1A well is being used for this location.

Pre-Construction	Rule 604.c.(2)W-Pre-construction consultation occurred at the time the Surface Damage Agreement was negotiated.
Community Outreach and Notification	Rule 604.a (2)-Location does not lie within a Buffer or Exception zone.

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: 216579 Type: WELL API Number: 067-08185 Status: PR Insp. Status: PR

Facility ID: 285631 Type: WELL API Number: 067-09201 Status: PR Insp. Status: PR

Facility ID: 290682 Type: WELL API Number: 067-09368 Status: PR Insp. Status: PR

Facility ID: 436988 Type: WELL API Number: 067-09911 Status: DG Insp. Status: DG

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: DRY LAND, RANGELAND

Comment: Vegetation is progressing within the interim reclamation area. Scotch thistle plants (less than 100) were observed scattered throughout the interim reclamation area. Weeds need to be controlled in the project area no later than seedhead maturity in 2015.

1003a. Debris removed? CM

CA CA Date

Waste Material Onsite? CM Several pieces of black liner material and small trash is strewn within the interim

CA Remove waste material from project area and dispose of properly. CA Date 12/31/2014

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? In

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 In

1003 f. Weeds Noxious weeds? I

Comment:

Overall Interim Reclamation In Process

Final Reclamation/ Abandoned Location:

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

Final Land Use: DRY LAND, 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

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: SATISFACTOR Corrective Date: _____

Y

Comment: Stormwater controls such as revegetation, cobble filter dams, and straw wattles appear to be functioning to de-energize and filter stormwater on the location.

CA: _____

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Overall this inspection is "Satisfactory". However, trash and debris need to be removed by 12/31/2014 and weeds need to be treated during the appropriate season but no later than seedhead maturity in 2015.	RoyC	11/21/2014

Attached Documents

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

Document Num	Description	URL
667100197	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3490735