

**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



DE	ET	OE	ES
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Inspection Date:

05/30/2013

Document Number:

670200512

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	<u>291067</u>	<u>335538</u>	<u>BURGER, CRAIG</u>	<input type="checkbox"/> 2A Doc Num: _____

Operator Information:OGCC Operator Number: 10447 Name of Operator: URSA OPERATING COMPANY LLCAddress: 602 SAWYER STREET #710City: HOUSTON State: TX Zip: 77007**Contact Information:**

Contact Name	Phone	Email	Comment
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor
Bleil, Robert	720-425-0303	rbleil@ursaresources.com	Regulatory and Environmental Manager

Compliance Summary:

QtrQtr: <u>NWSW</u>	Sec: <u>14</u>	Twp: <u>6S</u>	Range: <u>92W</u>				
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
12/22/2010	200291016	PR	PR	S			N
08/18/2010	200267241	PR	PR	S			N
07/03/2007	200114186	CO	ND	S		P	N

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
291065	WELL	PR	03/25/2010	GW	045-14284	VALLEY FARMS F2	<input type="checkbox"/>
291066	WELL	PR	11/25/2009	GW	045-14285	VALLEY FARMS F3	<input type="checkbox"/>
291067	WELL	PR	05/28/2008	LO	045-14286	VALLEY FARMS F5	<input checked="" type="checkbox"/>
291070	WELL	SI	10/04/2012	GW	045-14287	VALLEY FARMS F4	<input type="checkbox"/>
291071	WELL	XX	08/28/2012	LO	045-14288	Valley Farms F6	<input type="checkbox"/>
291072	WELL	PR	12/07/2009	GW	045-14289	VALLEY FARMS F7	<input type="checkbox"/>
291073	WELL	PR	04/19/2010	GW	045-14290	VALLEY FARMS F1	<input type="checkbox"/>
296414	WELL	PR	12/06/2009	GW	045-16011	VALLEY FARMS F8	<input type="checkbox"/>
296415	WELL	PR	10/02/2008	GW	045-16012	VALLEY FARMS FEDERAL F14	<input type="checkbox"/>
297266	WELL	XX	08/28/2012	LO	045-16368	Valley Farms F22	<input type="checkbox"/>
297267	WELL	XX	08/28/2012	LO	045-16369	Valley Farms F12	<input type="checkbox"/>
301813	WELL	XX	08/28/2012	LO	045-18281	Valley Farms F17	<input type="checkbox"/>
301814	WELL	XX	08/28/2012	LO	045-18282	Valley Farms F16	<input type="checkbox"/>
301815	WELL	XX	08/28/2012	LO	045-18283	Valley Farms F15	<input type="checkbox"/>
301816	WELL	XX	08/28/2012	LO	045-18284	Valley Farms F18	<input type="checkbox"/>

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301817	WELL	XX	08/28/2012	LO	045-18285	Valley Farms F13	
301818	WELL	WO	10/29/2012	LO	045-18286	Valley Farms F-1H	
301819	WELL	XX	08/28/2012	LO	045-18287	Valley Farms F21	
301820	WELL	XX	08/28/2012	LO	045-18288	Valley Farms F20	
301821	WELL	XX	08/28/2012	LO	045-18289	Valley Farms F19	
301822	WELL	XX	08/28/2012	LO	045-18290	Valley Farms F9	
301823	WELL	XX	08/28/2012	LO	045-18291	Valley Farms F10	
301824	WELL	XX	08/28/2012	LO	045-18292	Valley Farms F11	

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: 23	Production Pits: _____
Condensate Tanks: 4	Water Tanks: 6	Separators: 6	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: 1	Oil Pipeline: 1	Water Pipeline: 1
Gas Compressors: _____	VOC Combustor: 1	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: 1	Flare: _____	Fuel Tanks: _____

Location

Emergency Contact Number: (S/U/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

Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 335538

Site Preparation:

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

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<p>SITE SPECIFIC COAs:</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines or buried permanent pipelines.</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 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>	05/15/2012

Comment:**CA:****Date:****Wildlife BMPs:**

BMP Type	Comment
Wildlife	<p>MITIGATION PLAN BEST MANAGEMENT PRACTICES:</p> <ul style="list-style-type: none"> • Closed loop (pitless) drilling system. • Participation in raptor and other birds (great blue heron) monitoring and surveying with protocol to be developed by CDOW and implemented by Antero when practicable. • Buried water and gas pipelines as means to reduce truck traffic. • Seasonal raptor RSOs for species not included in new COGCC rules will be considered where practicable. • Avoidance/seclusion area in the northeast corner of the CDP (Burning Mountain) unless lease expiration warrants development. • Restricted rig operation to less than 2 per section within the big game seclusion areas during the winter (to be determined in consultation with CDOW). • Maintaining a ¼ mile no surface occupancy buffer around active bald eagle nests. • New pad construction not to exceed 3 acres. • Pad density not to exceed 1 pad per 120 acres. • Bury all gas and water pipelines adjacent to roads whenever possible. • The mitigation opportunities/projects will be defined by the Mitigation Plan for each well pad. • The mitigation opportunities/projects will be determined cooperatively with the CDOW during the annual Antero Mitigation Plan Review. • CDOW Actions to Minimize Adverse Impacts to Wildlife Resources is attached to the March 22, 2010 Mitigation Plan
Planning	<p>PLANNING INFRASTRUCTURE AND DEVELOPMENT ACTIVITIES:</p> <ul style="list-style-type: none"> • Directional drilling will be implemented to minimize habitat loss and habitat fragmentation • Remote monitoring using SCADA systems to reduce truck traffic, fugitive dust • Water pipeline infrastructure will be installed concurrently with the gas pipeline infrastructure where possible. • SPCC inspections will be conducted quarterly • Water used for well completions will be recycled as practicable • Baseline and post drilling/completion water well testing will be performed for permitted water wells within ½ mile of down-hole location • Annual planning meeting to be conducted with Rifle-Silt-New Castle Community
Site Specific	<p>PUBLIC WATER SYSTEM PROTECTION SECTION 317B:</p> <ul style="list-style-type: none"> • Best management practices will be implemented to contain any unintentional releases of fluids for locations within 500 feet of surface water • Locations within 500 feet of surface water will ensure 110 percent secondary containment for any volume of fluids contained at a well site during drilling and completion operations

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Drilling/Completion Operations	DRILLING AND PRODUCTION: <ul style="list-style-type: none">• No reserve, drill cuttings or frac/flowback pits will be constructed• Well pads will be constructed with perimeter berm on downslope area• Well pads, access roads will be graveled to reduce fugitive dust, sediment run-off• Above-ground facilities will be located to minimize visual effects (e.g. production tanks will be low profile tanks and painted to mitigate visual impacts.)• Combustor controls will be used to mitigate odors from production tanks• Well completions will utilize flowback completion technologies and/or flares to reduce odors from plug drillout, and venting of salable and non-salable gas• High level alarms will be installed on production tanks• Production tank containment area will be lined with plastic
General Housekeeping	INVASIVE NON-NATIVE VEGETATION CONTROL: <ul style="list-style-type: none">• Weed management plan will be developed and implemented to monitor and control noxious and invasive weeds• Noxious weed control includes three treatments per year• Existing weed infestations will be mapped prior to the development of each pad, access road and pipeline when practicable• Reclamation/revegetation will be used as a weed management tool
Storm Water/Erosion Control	STORWATER MANAGEMENT: <ul style="list-style-type: none">• Facilities will be operated with a Water Quality Control Division (WQCD) stormwater construction permit.• Stormwater BMPs in accordance with the Stormwater Management Plan will be implemented in a manner that minimizes erosion, transport of sediment offsite, and site degradation.• Inspections will be conducted every two weeks or monthly and in accordance with WQCD General Permit to confirm that applicable BMPs are in place, maintained and functioning properly.

Comment: _____

CA: _____ **Date:** _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present

Corrective Action: _____ Date: _____

Comments: Erosion BMPs: _____

Other BMPs: _____

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:

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Summary of Operator Response to Landowner Issues:

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Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 291067 Type: WELL API Number: 045-14286 Status: PR Insp. Status: WK

Workover

Comment: Completion of zone above existing production zone performed.
Monument Well Services workover rig on well.
Kill plug set in hole. LEC Services setting up green completions flow back equipment.
Kill plug to be drilled out when flow back ready.

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: OTHER, 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:

Date Final Reclamation Started: _____

Date Final Reclamation Completed: _____

Final Land Use: OTHER, 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: _____