

**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:

07/17/2014

Document Number:

675200240

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	334270	334270	CONKLIN, CURTIS	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 100185Name of Operator: ENCANA OIL & GAS (USA) INCAddress: 370 17TH ST STE 1700City: 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
, Encana		cogcc.inspections@encana.com	All Inspections
Kellerby, Shaun		shuan.kellerby@state.co.us	NW Supervisor

Compliance Summary:QtrQtr: NWSE Sec: 25 Twp: 7S Range: 93W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
03/29/2013	670200298			SATISFACTORY			No

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
211093	WELL	PR	07/17/1998	OW	045-06851	SHIDELER 25-10	PR	<input checked="" type="checkbox"/>
281920	WELL	AL	06/06/2011	LO	045-11572	SHIDELER 25-10A (J25W)	AL	<input type="checkbox"/>
281921	WELL	AL	06/06/2011	LO	045-11573	SHIDELER 25-15C (J25W)	AL	<input type="checkbox"/>
281922	WELL	AL	06/06/2011	LO	045-11574	SHIDELER 25-16C (J25W)	AL	<input type="checkbox"/>
425761	PIT	CL	10/05/2011		-	J25W 25	CL	<input type="checkbox"/>
430351	PIT		10/03/2012		-	J25W Water Storage Pond 1		<input checked="" type="checkbox"/>

Equipment:**Location Inventory**

Inspector Name: CONKLIN, CURTIS

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

Location

Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date
Main	SATISFACTORY			

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TRASH	ACTION REQUIRED	Trash on location. See Attached photo	Remove	08/18/2014

Spills:

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

Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
PIT	SATISFACTORY			
WELLHEAD	SATISFACTORY	Panels		
SEPARATOR	SATISFACTORY	Panels		
TANK BATTERY	SATISFACTORY	Wire fence		

Equipment:

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Horizontal Heated Separator	1	SATISFACTORY	No containment		
Gas Meter Run	1	SATISFACTORY			
Bird Protectors	1	SATISFACTORY			
Gathering Line	1	SATISFACTORY			

Facilities: <input type="checkbox"/> New Tank Tank ID: _____				
Contents	#	Capacity	Type	SE GPS
CONDENSATE	1	300 BBLS	STEEL AST	,
S/A/V:	SATISFACTORY		Comment:	
Corrective Action:				Corrective Date:
Paint				
Condition	Adequate			
Other (Content) _____				
Other (Capacity) _____				
Other (Type) _____				
Berms				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment				
Venting:				
Yes/No		Comment		
NO				
Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
<u>Predrill</u>				
Location ID: 334270				
Site Preparation:				
Lease Road Adeq.: _____		Pads: _____	Soil Stockpile: _____	
S/A/V: _____				
Corrective Action: _____		Date: _____	CDP Num.: _____	
Form 2A COAs:				
Group	User	Comment	Date	
OGLA	kubeczkod	<p>SITE SPECIFIC (FORM 2A) COAs:</p> <p>Operator must ensure 110 percent secondary containment for any volume of fluids (excluding freshwater) 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 (i.e., best management practices (BMPs) associated with stormwater management) 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.</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>A form 15 Earthen Pit Permit must be submitted and approved prior to construction/use of the completions pit.</p>	09/21/2012	

OGLA	kubeczko	<p>FORM 15 EARTHEN PIT PERMIT COAs:</p> <p>Notify the COGCC 48 hours prior to start of pad construction, pit liner installation, and start of pit operations using Form 42 (the appropriate COGCC individuals will automatically be email notified).</p> <p>The Form 15 Earthen Pit Permit shall be good for 3 years from the date of first use. If the produced water storage pit is to be used for more than 3 years, the operator shall file with the COGCC an application on Form 28 and obtain the COGCC's approval.</p> <p>The produced water storage pit must be double-lined. The pit will also require a leak detection system (Rule 904.e).</p> <p>Operator shall submit as-built pit design report including pit layout (plan view and cross-sections), sub-grade preparation, liner installation QA/QC, and any testing results within 90 days of completion of pit installation.</p> <p>Operator shall pressure test pipelines in accordance with Rule 1101.e.(1) prior to putting into initial service any temporary surface pipelines or configuration of the permanent pipeline network.</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 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>Flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline leading to the produced water storage pit.</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 approval of the Form 15 Earthen Pit Permit. 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>The produced water storage pit must be fenced and netted. The operator must maintain the fencing and netting until the pit is closed.</p> <p>The operator shall submit, and receive approval of, a reuse and recycling plan per Rule 907.a.(3), prior to any offsite reuse/recycling of pit fluids.</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>The produced water storage pit 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.</p>	09/21/2012
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S/AV: _____ **Comment:** Water storage pit on location. Covered with bird netting.

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Wildlife	<p>Wildlife BMPs</p> <p>Minimize the number, length and footprint of oil & gas development roads</p> <p>Use existing routes where possible</p> <p>Combine utility infrastructure planning (gas, electric & water) when possible with roadway planning to avoid separate utility corridors</p> <p>Coordinate Employee transport when possible</p> <p>Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors. Maximize use of state-of-the-art drilling technology (e.g., high efficiency rigs, coiled-tubing unit rigs, closed-loop or pitless drilling, etc.) to minimize disturbance.</p> <p>Reclaim mule deer and elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.</p> <p>Area around pond will be fenced. Pond will have cover.</p>
Site Specific	<p>POST CONSTRUCTION/RECLAMATION</p> <p>Maintenance</p> <p>Revegetation Monitoring</p> <p>BMP maintenance & monitoring</p> <p>Weed Management</p> <p>Area around pond will be fenced</p>
Construction	<p>CONSTRUCTION/RECLAMATION</p> <p>(Not all are used all the time)</p> <p>Terminal Containment, Diversions, Run-On Protection, Tracking, Benching, Terracing, ECM (Erosion Control Mulch), ECB (Erosion Control Blanket), Check Dams, Seeding, Mulching, Water Bars, Stabilized Unpaved Surfaces (Gravel), Stormwater & Snow Storage Containment, Scheduling, Phased Construction, Temporary Flumes, Culverts with inlet & outlet protection, Rip Rap, TRM (Turf Reinforcement Mats), Maintenance, Scheduling, Phased Construction, Fueling BMP's, Waste Management BMP's, Materials Handling BMP's</p>
Pre-Construction	<p>PRECONSTRUCTION</p> <p>Wattles, Silt Fence, Vegetation Buffers, Slash, Topsoil Windrows (diversions & ROP's), Scheduling, Phased Construction</p>

S/AV: _____ **Comment:** Bird protection in place.

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:

Inspector Name: CONKLIN, CURTIS

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 211093 Type: WELL API Number: 045-06851 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 430351 Type: PIT API Number: - Status: Insp. Status:

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

Inspector Name: CONKLIN, CURTIS

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 _____

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
Berms	Pass	Compaction	Pass			
Gradient Terraces	Pass					
Gravel	Pass					

Inspector Name: CONKLIN, CURTIS

Ditches	Pass	Gravel	Pass			
Seeding	Pass					
Compaction	Pass	Culverts	Pass			

S/A/V: SATISFACTOR Corrective Date: _____
Y _____

Comment: _____

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

Pit Type: _____ Lined: YES Pit ID: 430351 Lat: 39.414442 Long: -107.721079

Lining:

Liner Type: _____ Liner Condition: Adequate

Comment: _____

Fencing:

Fencing Type: Netting/Fen Fencing Condition: Adequate

Comment: _____

Netting:

Netting Type: Fence/Net Netting Condition: Good

Comment: _____

Anchor Trench Present: _____ Oil Accumulation: NO 2+ feet Freeboard: _____

Pit (S/A/V): SATISFACTOR Comment: _____

Corrective Action: _____ Date: _____

Permit:	Facility ID	Permit Num	Expiration Date
	430351	400311134	
	430351	400311134	

COGCC Comments

Comment	User	Date
Remove trash from location. See attached photo.	conklinc	07/17/2014

Attached Documents

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

Document Num	Description	URL
675200250	Trash	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3389351