

**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:

10/23/2012

Document Number:

663800543

Overall Inspection:

Violation**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	<u>274049</u>	<u>324286</u>		<u>LONGWORTH, MIKE</u>

Operator Information:OGCC Operator Number: 100185 Name of Operator: ENCANA OIL & GAS (USA) INCAddress: 370 17TH ST STE 1700City: DENVERState: COZip: 80202-**Contact Information:**

Contact Name	Phone	Email	Comment
Friesen, Kathy	970-285-2665	cogcc.inspections@encana.com	

Compliance Summary:QtrQtr: SESW Sec: 22 Twp: 7S Range: 93W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
06/08/2011	200312344	SR	PR	S			N

Inspector Comment:

Frac fleet on location and another fleet on pad below. Both pumping on 22-12A. COGCC Staff notified Consultant Shane Hart of spill and ist whereabouts. He said he would have it taken care of.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
274049	WELL	TA	04/04/2012	GW	045-10319	SOURS 22-11 (N22W)	X
274050	WELL	AL	10/12/2006	LO	045-10318	FEDERAL 22-14 (N22W)	X
427161	WELL	XX	12/30/2011		045-21269	MCU 22-13B (N22W)	X
427165	WELL	XX	12/30/2011		045-21271	MCU 22-14C (N22W)	X
427168	WELL	XX	12/30/2011		045-21273	MCU 22-14A (N22W)	X
427171	WELL	XX	12/30/2011		045-21274	MCU 22-13A (N22W)	X
427174	WELL	XX	12/30/2011		045-21275	MCU 22-13C (N22W)	X
427177	WELL	XX	12/30/2011		045-21276	MCU 22-14B (N22W)	X
428268	WELL	XX	03/23/2012		045-21453	MCU FEE 22-12C (N22W)	X
428280	WELL	XX	03/23/2012		045-21454	MCU FEE 22-12A (N22W)	X
428290	WELL	XX	03/23/2012		045-21455	MCU FEE 22-12B (N22W)	X
428293	WELL	XX	03/23/2012		045-21456	MCU FEE 22-11A (N22W)	X
430131	WELL	XX	09/06/2012		045-21701	MCU Fee 22-9C (N22W)	X
430132	WELL	XX	09/07/2012		045-21702	MCU Fee 22-16C (N22W)	X
430134	WELL	XX	09/07/2012		045-21703	MCU Fee 22-9D (N22W)	X
430135	WELL	XX	09/07/2012		045-21704	MCU Fee 22-16A (N22W)	X
430136	WELL	XX	09/07/2012		045-21705	MCU Fee 22-10A (N22W)	X
430137	WELL	XX	09/07/2012		045-21706	MCU Fee 22-16B (N22W)	X

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>17</u>	Production Pits: _____
Condensate Tanks: <u>6</u>	Water Tanks: _____	Separators: <u>12</u>	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>1</u>	Fuel Tanks: _____

Location**Lease Road:**

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory			

Signs/Marker:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Satisfactory	Tank battery is being set up, labeling is not been completed.		
WELLHEAD	Satisfactory	No signs yet. completions in process		
DRILLING/RECOMP	Satisfactory			

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

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TRASH	Satisfactory			

Spills:

Type	Area	Volume	Corrective action	CA Date
Other	Tank	<= 5 bbls	Clean up spill. Notify COGCC Staff Mike Longworth with form 42 with corrective actions.	11/30/2012

☐ Multiple Spills and Releases?**Fencing/:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
LOCATION	Satisfactory			

Equipment:

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Horizontal Heated Separator	8	Satisfactory	1 single 1 quad 1 triple separators		
Bird Protectors	3	Satisfactory			

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
CONDENSATE	1	500 BBLS	STEEL AST	39.425380,107.762180
S/U/V:	Satisfactory		Comment: _____	
Corrective Action:			Corrective Date: _____	
<u>Paint</u>				
Condition	Adequate			
Other (Content) _____				
Other (Capacity) _____				
Other (Type) _____				
<u>Berms</u>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action			Corrective Date	
Comment				
Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
OTHER	3	500 BBLS	STEEL AST	,
S/U/V:	Satisfactory		Comment: _____	
Corrective Action:			Corrective Date: _____	
<u>Paint</u>				
Condition	Adequate			
Other (Content) No labels/ tanks not in use yet.				
Other (Capacity) _____				
Other (Type) _____				
<u>Berms</u>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action			Corrective Date	
Comment				
Venting:				
Yes/No	Comment			
Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
<u>Predrill</u>				
Location ID: 324286				
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>The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface or buried pipelines.</p> <p>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 (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>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>	10/27/2011

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

BMP Type	Comment
Wildlife	<p>Minimize the number, length and footprint of oil & gas development roads Use existing routes where possible Combine utility infrastructure planning (gas, electric & water) when possible with roadway planning to avoid separate utility corridors 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>
Construction	<p>CONSTRUCTION/RECLAMATION (Not all are used all the time) 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>

Inspector Name: LONGWORTH, MIKE

Pre-Construction	PRECONSTRUCTION Wattles, Silt Fence, Vegetation Buffers, Slash, Topsoil Windrows (diversions & ROP's), Scheduling, Phased Construction
Interim Reclamation	POST CONSTRUCTION/RECLAMATION Maintenance Revegetation Monitoring BMP maintenance & monitoring Weed Management

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:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 274049 Type: WELL API Number: 045-10319 Status: TA Insp. Status: TA

Idle Well

Purpose: ☐ Shut In ☒ Temporarily Abandoned Reminder: _____

S/V: Satisfactory CA Date: _____

CA: _____

Comment: Temporarily Abandoned for new wells to be drilled and completed

Facility ID: 274050 Type: WELL API Number: 045-10318 Status: AL Insp. Status: AL

Facility ID: 427161	Type: WELL	API Number: 045-21269	Status: XX	Insp. Status: WO
Facility ID: 427165	Type: WELL	API Number: 045-21271	Status: XX	Insp. Status: ND
Facility ID: 427168	Type: WELL	API Number: 045-21273	Status: XX	Insp. Status: ND
Facility ID: 427171	Type: WELL	API Number: 045-21274	Status: XX	Insp. Status: WO
Facility ID: 427174	Type: WELL	API Number: 045-21275	Status: XX	Insp. Status: WO
Facility ID: 427177	Type: WELL	API Number: 045-21276	Status: XX	Insp. Status: WO
Facility ID: 428268	Type: WELL	API Number: 045-21453	Status: XX	Insp. Status: WO
Facility ID: 428280	Type: WELL	API Number: 045-21454	Status: XX	Insp. Status: WO

Well Stimulation

Stimulation Company: Bayou Well Service

Stimulation Type: HYDRAULIC FRAC

Observation:

Other: _____

Maximum Casing Recorded: _____ PSI

Tubing: _____

Surface: _____

Intermediate: _____

Production: _____

Instantaneous Shut-In Pressure (ISIP) _____

Bradenhead Psi: 15

Frac Flow Back: Fluid: _____ Gas: _____

Facility ID: 428290	Type: WELL	API Number: 045-21455	Status: XX	Insp. Status: WO
Facility ID: 428293	Type: WELL	API Number: 045-21456	Status: XX	Insp. Status: WO
Facility ID: 430131	Type: WELL	API Number: 045-21701	Status: XX	Insp. Status: ND
Facility ID: 430132	Type: WELL	API Number: 045-21702	Status: XX	Insp. Status: ND
Facility ID: 430134	Type: WELL	API Number: 045-21703	Status: XX	Insp. Status: ND
Facility ID: 430135	Type: WELL	API Number: 045-21704	Status: XX	Insp. Status: ND
Facility ID: 430136	Type: WELL	API Number: 045-21705	Status: XX	Insp. Status: ND
Facility ID: 430137	Type: WELL	API Number: 045-21706	Status: XX	Insp. Status: ND

Environmental**Spills/Releases:**

Type of Spill: _____ Description: _____ Estimated Spill Volume: _____

Comment: _____

Corrective Action: _____ Date: _____

Inspector Name: LONGWORTH, MIKE

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: RANGELAND

Comment: _____

1003a. Debris removed? In CM _____ CA _____ CA Date _____
Waste Material Onsite? In CM _____ CA _____ CA Date _____
Unused or unneeded equipment onsite? _____ CM _____ CA _____ CA Date _____
Pit, cellars, rat holes and other bores closed? In 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? In Production areas stabilized ? Pass

1003c. Compacted areas have been cross ripped? _____

1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass

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 _____

1003 f. Weeds Noxious weeds?	<u>P</u>
Comment:	
Overall Interim Reclamation	In Process

Date Final Reclamation Started: _____	Date Final Reclamation Completed: _____
Final Land Use: <u>RANGELAND</u>	
Reminder: _____	
Comment: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	
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: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	
Corrective Action: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Date _____
Overall Final Reclamation _____	Multi-Well Location <input type="checkbox"/>

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Retention Ponds	Pass	Gravel				
Hydro Mulch						
Berms	Pass	Compaction				
Waddles	Pass					
Ditches	Pass	Ditches				
Compaction	Pass	Culverts				

S/U/V: Satisfactory Corrective Date: _____

Comment:

CA:

Comment	User	Date
COGCC Staff notified Consultant Shane Hart of spill and ist where abouts. He said he would have it taken care of.	longworm	10/24/2012