

**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:

07/01/2014

Document Number:

675200168

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	432265	432265	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	

**Compliance Summary:**QtrQtr: NWSE Sec: 6 Twp: 8S Range: 92W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
07/31/2013	670200716			SATISFACTORY Y			No

**Inspector Comment:**

Facilities for HMU-68S92W 6NWSE on this location.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
432268	WELL	PR	05/14/2014	GW	045-21936	HMU 6-15A (J6SEB)	PR	X
432269	WELL	DG	08/19/2013	GW	045-21937	HMU 6-13AA (J6SEB)	PR	X
432272	WELL	PR	05/16/2014	LO	045-21938	HMU 6-11A (J6SEB)	PR	X
432277	WELL	PR	05/17/2014	LO	045-21939	HMU 6-12D (J6SEB)	PR	X
432280	WELL	DG	08/22/2013	GW	045-21940	HMU 6-15AA (J6SEB)	PR	X
432281	WELL	DG	08/21/2013	GW	045-21941	HMU 6-13A (J6SEB)	PR	X
432282	WELL	PR	05/17/2014	GW	045-21942	HMU 6-12DD (J6SEB)	PR	X
432283	WELL	PR	05/12/2014	GW	045-21943	HMU 6-13D (J6SEB)	PR	X
432284	WELL	DG	08/20/2013	GW	045-21944	HMU 6-15D (J6SEB)	PR	X

**Equipment:**Location Inventory

Inspector Name: CONKLIN, CURTIS

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>18</u>	Production Pits: _____
Condensate Tanks: <u>6</u>	Water Tanks: _____	Separators: <u>18</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location**

<b>Lease Road:</b>				
Type	Satisfactory/Action Required	comment	Corrective Action	Date
Main	SATISFACTORY			
Access	SATISFACTORY			

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
CONTAINERS	SATISFACTORY			
TANK LABELS/PLACARDS	ACTION REQUIRED	No labels on fuel tank at pump. No signs on 3 of the 4 500bbl tanks in the containment.	Install sign to comply with rule 210.	07/18/2014
WELLHEAD	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date: \_\_\_\_\_

Comment: Nearest public road not listed

Corrective Action: \_\_\_\_\_

<b>Good Housekeeping:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
STORAGE OF SUPL	SATISFACTORY	Two frac tanks		
DEBRIS	ACTION REQUIRED	Debris on location. See attached photos.	Remove	07/18/2014

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

<b>Fencing/:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
LOCATION	SATISFACTORY	Wire fence		

<b>Equipment:</b>					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Plunger Lift	9	SATISFACTORY			
Emission Control Device	1	SATISFACTORY	Lit at time of inspection		

Inspector Name: CONKLIN, CURTIS

Ancillary equipment	3	SATISFACTORY	Chem units w/ containments		
Bird Protectors	4	SATISFACTORY			
Pig Station	1	SATISFACTORY			
Vertical Heated Separator	9	SATISFACTORY	No containment		
Gas Meter Run	1	SATISFACTORY			
Gathering Line	1	SATISFACTORY			
Horizontal Heated Separator	1	SATISFACTORY	Separator for 045-11294		

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CONDENSATE	1	500 BBLS	STEEL AST	39.387660,-107.706410

S/A/V: SATISFACTORY	Comment:	
Corrective Action:		Corrective Date:

Paint

Condition	Adequate
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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			

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
METHANOL	1	<50 BBLS	STEEL AST	,

S/A/V: SATISFACTORY	Comment: No capacity on tank
Corrective Action:	Corrective Date:

Paint

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
Comment	Same		

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
OTHER	3	500 BBLS	STEEL AST	,
S/A/V:	SATISFACTORY		Comment: No signs on tanks	
Corrective Action:			Corrective Date:	
<b>Paint</b>				
Condition	Adequate			
Other (Content) _____				
Other (Capacity) _____				
Other (Type) _____				
<b>Berms</b>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action			Corrective Date	
Comment			Same	
<b>Venting:</b>				
Yes/No	Comment			
<b>Flaring:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
<b><u>Predrill</u></b>				
Location ID: 432265				
<b>Site Preparation:</b>				
Lease Road Adeq.: _____		Pads: _____	Soil Stockpile: _____	
<b>S/A/V:</b> _____				
Corrective Action: _____		Date: _____	CDP Num.: _____	
<b>Form 2A COAs:</b>				

Group	User	Comment	Date
OGLA	kubeczkod	<p>SITE SPECIFIC COAs:</p> <p>Notify the COGCC 48 hours prior to start of pad construction, 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).</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines</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 (as shown on the Construction Layout Drawings attachment); 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>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, if drill cuttings are to remain/disposed of onsite, they must also meet the applicable standards of table 910-1.</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, storage vessel, or lined pit (only if an amended Form 2A has been submitted/approved and a Form 15 Earthen Pit Permitted has been submitted/approved) 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> <p>Berms or other containment devices shall be constructed to be sufficiently impervious (preferably corrugated steel with poly liner) to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.</p>	03/06/2013

**S/A/V:** \_\_\_\_\_ **Comment:** Cuttings stacked on location. Secondary containments around fluids.

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

BMP Type	Comment
Construction	<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 &amp; Snow Storage Containment, Scheduling, Phased Construction, Temporary Flumes, Culverts with inlet &amp; outlet protection, Rip Rap, TRM (Turf Reinforcement Mats), Maintenance, Scheduling, Phased Construction, Fueling BMP's, Waste Management BMP's, Materials Handling BMP's</p>

Wildlife	<p>Minimize the number, length and footprint of oil &amp; gas development roads          Use existing routes where possible          Combine utility infrastructure planning (gas, electric &amp; 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>
Interim Reclamation	<p>Maintenance          Revegetation Monitoring          BMP maintenance &amp; monitoring          Weed Management</p>
Storm Water/Erosion Control	<p>Wattles, Silt Fence, Vegetation Buffers, Slash, Topsoil Windrows (diversions &amp; ROP's),          Scheduling, Phased Construction</p>

**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:

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Summary of Operator Response to Landowner Issues:

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Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

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**Facility**

Facility ID: 432268 Type: WELL API Number: 045-21936 Status: PR Insp. Status: PR

**Producing Well**

Comment: **PR**

Facility ID: 432269 Type: WELL API Number: 045-21937 Status: DG Insp. Status: PR

**Producing Well**Comment: **PR**

Facility ID: 432272 Type: WELL API Number: 045-21938 Status: PR Insp. Status: PR

**Producing Well**Comment: **PR**

Facility ID: 432277 Type: WELL API Number: 045-21939 Status: PR Insp. Status: PR

**Producing Well**Comment: **PR**

Facility ID: 432280 Type: WELL API Number: 045-21940 Status: DG Insp. Status: PR

**Producing Well**Comment: **PR**

Facility ID: 432281 Type: WELL API Number: 045-21941 Status: DG Insp. Status: PR

**Producing Well**Comment: **PR**

Facility ID: 432282 Type: WELL API Number: 045-21942 Status: PR Insp. Status: PR

**Producing Well**Comment: **PR**

Facility ID: 432283 Type: WELL API Number: 045-21943 Status: PR Insp. Status: PR

**Producing Well**Comment: **PR**

Facility ID: 432284 Type: WELL API Number: 045-21944 Status: DG Insp. Status: PR

**Producing Well**Comment: **PR****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:

Inspector Name: CONKLIN, CURTIS

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 \_\_\_\_\_  
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: \_\_\_\_\_



Inspector Name: CONKLIN, CURTIS

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					
Ditches	Pass	Ditches	Pass			
Retention Ponds	Pass					
Drains	Pass	Gravel	Pass			
Berms	Pass	Compaction	Pass	MHSP	Pass	
Compaction		Culverts	Pass	VT	Pass	

S/A/V: SATISFACTOR  
Y \_\_\_\_\_

Corrective Date: \_\_\_\_\_

Comment: **Some subsidence on location and berms. Address with interim reclamation.**

CA: \_\_\_\_\_

Pits: ☒ NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
<b>Fuel tank at pump needs signage/labels. Tanks in containment need to be labeled. Debris on fill side of location should be removed if not being used for interim reclamation. See attached photo</b>	conklinc	07/01/2014

**Attached Documents**

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

Document Num	Description	URL
675200178	Fuel tank	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3379762">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3379762</a>
675200179	Debris	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3379763">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3379763</a>