

**FORM  
INSP**Rev  
05/11**State of Colorado  
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Inspection Date:

11/08/2011

Document Number:

661400015

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name: KELLERBY, SHAUN
	419682	383216		

**Operator Information:**OGCC Operator Number: 100185 Name of Operator: ENCANA OIL & GAS (USA) INCAddress: 370 17TH ST STE 1700City: DENVERState: COZip: 80202-**Contact Information:****Compliance Summary:**QtrQtr: NWNE Sec: 7 Twp: 7S Range: 99W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
269550	WELL	AL	01/24/2007	LO	045-09379	STANDARD SHALE 6407	<input checked="" type="checkbox"/>
419385	WELL	XX	09/20/2010		045-19929	Kimball Mtn DH01-6 B07 799	<input checked="" type="checkbox"/>
419682	WELL	PR	05/12/2011		045-20007	Kimball Mtn DH02-6 B07 799	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Special Purpose Pits: <u>      </u>	Drilling Pits: <u>      </u>	Wells: <u>2</u>	Production Pits: <u>1</u>
Condensate Tanks: <u>4</u>	Water Tanks: <u>4</u>	Separators: <u>2</u>	Electric Motors: <u>5</u>
Gas or Diesel Motors: <u>3</u>	Cavity Pumps: <u>      </u>	LACT Unit: <u>      </u>	Pump Jacks: <u>      </u>
Electric Generators: <u>3</u>	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>      </u>	Water Pipeline: <u>1</u>
Gas Compressors: <u>2</u>	VOC Combustor: <u>      </u>	Oil Tanks: <u>      </u>	Dehydrator Units: <u>1</u>
Multi-Well Pits: <u>1</u>	Pigging Station: <u>1</u>	Flare: <u>2</u>	Fuel Tanks: <u>2</u>

**Location****Signs/Marker:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
BATTERY	Unsatisfactory	No sign at the tank Battery	Place sign at the tank battery as required by the 800 series rules.	<b>12/09/2011</b>
WELLHEAD	Unsatisfactory	No sign at the well head	Place sign on the well head as required by 800 series Cogcc rules	<b>12/09/2011</b>

Emergency Contact Number: (S/U/V)Corrective Date:       Comment:       Corrective Action:

<b>Good Housekeeping:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TRASH	Unsatisfactory	Trash on location	Clean all ttrash from the pad site	12/09/2011

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

<b>Equipment:</b>					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Gas Meter Run	1	Satisfactory			
Vertical Heated Separator	1	Satisfactory			
Gathering Line	1	Satisfactory			

<b>Tanks/Berms:</b> <input type="checkbox"/> New Tank Tank ID: 177727					
Contents	#	Capacity	Type	SE GPS	
CONDENSATE	4	400 BBLS	STEEL AST	39.280000,108.280000	
S/U/V:	Comment:				
Corrective Action:					Corrective Date:

<b>Paint</b>	
Condition	
Other (Content)	
Other (Capacity)	
Other (Type)	

<b>Berms</b>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	Comment
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Corrective Action					Corrective Date

<b>Venting:</b>	
Yes/No	Comment

<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Ignitor/Combustor	Satisfactory			

<b>Predrill</b>	
Location ID: 383216	
<b>Site Preparation:</b>	
Lease Road Adeq.: _____	Pads: _____
Corrective Action: _____	Soil Stockpile: _____
	Date: _____ CDP Num.: _____
<b>Form 2A COAs:</b>	

Group	User	Comment	Date
OGLA	kubeczko	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.	08/12/2010
OGLA	kubeczko	<p>GENERAL SITE COAs:</p> <p>Reserve pit must be lined or a closed loop system (which has been indicated on the Form 2A by EnCana) must be implemented during drilling.</p> <p>All pits containing fluids (if constructed; production pit, frac pit) must be lined.</p> <p>Operator must ensure 110 percent 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. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of drilling, completion, or produced fluids.</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>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 construction of the pit. 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 location is in an area of high run off/run-on potential; therefore the pad shall be constructed to prevent any stormwater run-on and/or stormwater runoff.</p>	04/05/2011
OGLA	kubeczko	Initiated/Completed OGLA Form 2A review on 08-12-10 by Dave Kubeczko; requested clarifications and acknowledgement of fluid containment, spill/release BMPs, lined pits/closed loop, cuttings low moisture content, no pit in fill, stormwater BMP COAs from operator on 08-12-10; received clarifications and acknowledgement of COAs from operator on 09-10-10; passed by CDOW on 09-14-10, with operator submitted BMPs (with permit application) acceptable; passed OGLA Form 2A review on 09-14-10 by Dave Kubeczko; fluid containment, spill/release BMPs, lined pits/closed loop, cuttings low moisture content, no pit in fill, stormwater BMP COAs.	08/12/2010
Permit	yokleyb	Discrepancies between surveyor's lat/long numbers and their spotting on plat for the APD'. There appears to be intermittent stream within 120' (east) of the locations.	09/10/2010
OGLA	kubeczko	Initiated/Completed OGLA Form 2A review on 04-05-11 by Dave Kubeczko; requested acknowledgement of fluid containment, spill/release BMPs, flowback to tanks, tank berming, and cuttings low moisture content COAs from operator on 04-05-11; received acknowledgement of COAs from operator on 04-05-11; passed by CDOW on (TBD: 04-26-11) with operator submitted BMPs (with permit application) acceptable; passed OGLA Form 2A review on (TBD: 04-26-11) by Dave Kubeczko; fluid containment, spill/release BMPs, flowback to tanks, tank berming, and cuttings low moisture content COAs.	04/05/2011

OGLA	kubeczkod	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 construction of the pit. 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.	08/12/2010
OGLA	kubeczkod	The location is in an area of high run off/run-on potential; therefore the pad shall be constructed to prevent any stormwater run-on and/or stormwater runoff.	08/12/2010
OGLA	kubeczkod	Reserve pit must be lined or a closed loop system (which has been indicated on the Form 2A by EnCana) must be implemented during drilling.	08/12/2010
OGLA	kubeczkod	Operator must ensure 110 percent 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. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of drilling, completion, or produced fluids.	08/12/2010
DOW	warrenm	The BMPs for this amended permit shall be the same as for the original permit filed on 8-8-10, document number 400075930. Those BMPs will be appropriate and applicable to the site and species effected.  by Michael Warren on Tuesday, April 12, 2011 at 4:18 P.M.	04/12/2011
Permit	yokleyb	Operator supplied clarification of plat issues and are acceptable. BY 9/17/10	09/17/2010
DOW	warrenm	The BMPs as submitted by the operator are applicable to the site.  by Michael Warren on Tuesday, September 14, 2010 at 8:35 A.M.	09/14/2010
OGLA	kubeczkod	All pits containing fluids (if constructed; production pit, frac pit) must be lined.	08/12/2010

**Wildlife BMPs:**

BMP Type	Comment
Construction	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
Wildlife	<ul style="list-style-type: none"> <li>• Use solar panels as an alternative energy source for on-location production equipment, where appropriate, economically and technically feasible.</li> <li>• Use multiple gathering lines placed in a single trench to minimize disturbance and construction, where appropriate, economically and technically feasible.</li> <li>• Install trench plugs (sloped to allow wildlife or livestock to exit the trench should they enter) at known wildlife or livestock trails to allow safe crossing on long spans of open trench, where appropriate, economically and technically feasible.</li> <li>• Install pipeline crossings at right angles to the drainages, wetlands, and perennial water bodies, where appropriate, economically and technically feasible.</li> <li>• Limit in-stream construction activity to 24-hours for water bodies less than ten feet wide and to 48-hours for water bodies greater than ten feet wide at locations where horizontal boring is not feasible, where appropriate, economically and technically feasible.</li> <li>• Maintain a minimum of five feet of soil cover between the pipeline and the lowest point of the drainage or water body channel.</li> <li>• Perform biological surveys (on-site) for each new development, using the most recent data sets for wildlife and aquatic resources.</li> <li>• Perform pre-disturbance surveys when the on-site inspection and commencement of disturbance occur in different field seasons using the most recent data sets for wildlife and aquatic resources.</li> <li>• Utilize the Encana Wildlife Resources Matrix to identify and document (where appropriate) potential impacts or concerns during the project planning phase for proposed drilling operations and construction of roads, pads and pipelines.</li> <li>• Prohibit Encana employees and contractors from carrying projectile weapons on Encana property, except during company organized events.</li> <li>• Prohibit pets on Encana property.</li> <li>• Strategically apply fugitive dust control measures, including enforcing established speed limits on Encana private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources.</li> <li>• Use enclosed, locking garbage receptacles or implement a strict daily trash removal regime on each temporary or permanent work location.</li> </ul>
Interim Reclamation	Maintenance Revegetation Monitoring BMP maintenance & monitoring Weed Management

Wildlife	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 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. Reclaim mule deer and elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.
Pre-Construction	Wattles Silt Fence Vegetation Buffers Slash Topsoil Windrows (diversions & ROP's) Scheduling Phased Construction

**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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Data retrieval failed for the subreport, 'rptInsp11',

**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 File: \_\_\_\_\_

**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 \_\_\_\_\_  
 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: **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 **Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Berms	Fail	Rip Rap	Pass	CM	Pass	Erosion at the edge of the pad

S/U/V: Corrective Date: Comment: CA: