

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:
11/03/2015

Document Number:
675202187

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	432551	432551	CONKLIN, CURTIS	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number: 100185

Name of Operator: ENCANA OIL & GAS (USA) INC

Address: 370 17TH ST STE 1700

City: 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

Compliance Summary:

QtrQtr: NENW Sec: 22 Twp: 7S Range: 95W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
12/09/2014	675200924			ACTION REQUIRED	I		No

Inspector Comment:

Follow up to inspection Doc#675200924. Issues from previous inspection have been resolved.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
432292	WELL	PR	12/31/2013	GW	045-21945	Hagen Federal 22-1AA (PC22)	PR	<input checked="" type="checkbox"/>
432546	WELL	PR	01/06/2014	GW	045-22005	Hagen Federal 15-16C (PC22)	PR	<input checked="" type="checkbox"/>
432547	WELL	PR	12/31/2013	GW	045-22006	Hagen Federal 22-4C (PC22)	PR	<input checked="" type="checkbox"/>
432548	WELL	PR	12/25/2013	GW	045-22007	Hagen Federal 22-1D (PC22)	PR	<input checked="" type="checkbox"/>
432549	WELL	PR	01/07/2014	GW	045-22008	Hagen Federal 22-4B (PC22)	PR	<input checked="" type="checkbox"/>
432550	WELL	PR	04/03/2014	GW	045-22009	Hagen Federal 15-16B (PC22)	PR	<input checked="" type="checkbox"/>
432552	WELL	PR	01/10/2014	GW	045-22010	Hagen Federal 22-8A (PC22)	PR	<input checked="" type="checkbox"/>
432553	WELL	PR	12/19/2013	GW	045-22011	Hagen Federal 22-5A (PC22)	PR	<input checked="" type="checkbox"/>
432554	WELL	PR	01/13/2014	GW	045-22012	Hagen Federal 22-2DD (PC22)	PR	<input checked="" type="checkbox"/>
432555	WELL	PR	12/27/2013	GW	045-22013	Hagen Federal 22-4D (PC22)	PR	<input checked="" type="checkbox"/>

432556	WELL	PR	01/18/2014	GW	045-22014	Hagen Federal 22-5AA (PC22)	PR	<input checked="" type="checkbox"/>
432557	WELL	PR	12/31/2013	GW	045-22015	Hagen Federal 22-2D (PC22)	PR	<input checked="" type="checkbox"/>
432558	WELL	PR	01/17/2014	GW	045-22016	Hagen Federal 22-1A (PC22)	PR	<input checked="" type="checkbox"/>
432561	WELL	PR	12/31/2013	GW	045-22017	Hagen 22-3B (PC22)	PR	<input checked="" type="checkbox"/>
432562	WELL	PR	01/10/2014	GW	045-22018	Hagen 15-13D (PC22)	PR	<input checked="" type="checkbox"/>
432563	WELL	PR	01/16/2014	GW	045-22019	Hagen 15-14A (PC22)	PR	<input checked="" type="checkbox"/>
432564	WELL	PR	01/14/2014	GW	045-22020	Hagen 22-3D (PC22)	PR	<input checked="" type="checkbox"/>
432565	WELL	PR	01/11/2014	GW	045-22021	Hagen 15-14C (PC22)	PR	<input checked="" type="checkbox"/>
432566	WELL	PR	01/18/2014	GW	045-22022	Hagen 15-14D (PC22)	PR	<input checked="" type="checkbox"/>
432567	WELL	PR	01/10/2014	GW	045-22023	Hagen 22-3A (PC22)	PR	<input checked="" type="checkbox"/>
432810	WELL	PR	01/13/2014	GW	045-22050	Hagen Clem 15-10C (PC22)	PR	<input checked="" type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>20</u>	Production Pits: _____
Condensate Tanks: <u>11</u>	Water Tanks: _____	Separators: <u>20</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	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/Action Required	comment	Corrective Action	Date
Access	SATISFACTORY			

Signs/Marker:

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

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

Corrective Date: _____

Comment: **285-2615**

Corrective Action: _____

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
LOCATION	SATISFACTORY	Wire fence		

Facilities:				
<input type="checkbox"/> New Tank		Tank ID: _____		
Contents	#	Capacity	Type	SE GPS
CONDENSATE	8	500 BBLS	STEEL AST	,
S/AV:	SATISFACTORY	Comment: AIRS ID 045-2343-001		
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

Predrill				
Location ID: 432551				
Site Preparation:				
Lease Road Adeq.: _____		Pads: _____		Soil Stockpile: _____
S/AV: _____				
Corrective Action: _____			Date: _____	CDP Num.: _____
Form 2A COAs:				

Group	User	Comment	Date
OGLA	kubeczkod	<p>PROJECT RULISON-RELATED COAs:</p> <p>Email notification shall be sent to COGCC field inspection staff at the time of spud notice to identify the wells location with respect to both the sector and tier as defined by the Rulison Sampling and Analysis Plan (RSAP). Submit Form 42: Other as specified by permit condition.</p> <p>Comply with all DOE Office of Legacy Management requests for sampling and analysis of natural gas and other materials associated with drilling, completion, and production.</p> <p>Operator shall comply with all provisions of the most recent COGCC approved revision of the Rulison Sampling and Analysis Plan (RSAP).</p> <p>Perform a high accuracy gyroscopic directional wellbore survey upon reaching total depth of each well. Submit a copy of the survey along with a Sundry Notice, Form 4 requesting approval to dnr_rulison.submittal@state.co.us and jane.stanczyk@state.co.us. The directional drilling survey report shall include a map view and vertical profile view showing wellbore trajectory and distance from the 1/2-mile radius (or substitute "1-mile radius" as appropriate depending on which buffer the BHL is located in) from Project Rulison. The operator shall obtain approval from COGCC permitting staff prior to commencing casing perforating and other completion operations.</p>	04/12/2013
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>The nearby hillside must be monitored for any day-lighting of drilling fluids throughout the drilling of the surface casing interval.</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; 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 location is in an area of moderate to high run-on / run-off potential; therefore the pad and access road shall be constructed to prevent any stormwater run-on and/or stormwater run-off. Standard stormwater BMPs must be implemented at this location to insure compliance with CDPHE and COGCC requirements and to prevent any stormwater run-on and /or stormwater runoff.</p> <p>The moisture content of any drill cuttings in a cuttings trench, container, or bermed/covered pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts.</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 storage vessel 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>	04/04/2013

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.

A closed loop mud system shall be utilized to ensure containment of all materials that have been in contact with downhole strata and fluids. All cuttings will be kept on the pad in an area where they can be isolated from the ground surface, precipitation, and precipitation/snow melt run-on/run-off. Contour features, french drains and other stormwater BMPs as necessary shall be employed to ensure site integrity.

No individual operator shall utilize more than one rig within one mile of the Project Rulison blast site at any given time and no individual operator shall utilize more than two rigs within a three mile radius of the site at any given time. The total number of rigs allowed by all operators within three miles of the site shall be limited to five at any given time.

Operator will conduct regular inspections of equipment for leaks and equipment problems with appropriate documentation retained in the operator's office. All equipment deficiencies shall be corrected. Monitoring should end approximately 30 days after well completion and/or after production has been stabilized; however, timely inspections should continue during the production phase.

Operator will use adequately sized containment devices for all chemicals and/or hazardous materials stored or used on location.

Strategically apply fugitive dust control measures, including enforcing established speed limits on private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources.

S/AV: _____ **Comment:** Secondary containment in place around fluids.

CA: _____ **Date:** _____

Wildlife BMPs:

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

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>
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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:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 432292 Type: WELL API Number: 045-21945 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ Plunger

Facility ID: 432546 Type: WELL API Number: 045-22005 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ Plunger

Facility ID: 432547 Type: WELL API Number: 045-22006 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ Plunger

Facility ID: 432548	Type: WELL	API Number: 045-22007	Status: PR	Insp. Status: PR
Producing Well				
Comment: PR w/ Plunger				
Facility ID: 432549	Type: WELL	API Number: 045-22008	Status: PR	Insp. Status: PR
Producing Well				
Comment: PR w/ Plunger				
Facility ID: 432550	Type: WELL	API Number: 045-22009	Status: PR	Insp. Status: PR
Producing Well				
Comment: PR w/ Plunger				
Facility ID: 432552	Type: WELL	API Number: 045-22010	Status: PR	Insp. Status: PR
Producing Well				
Comment: PR w/ Plunger				
Facility ID: 432553	Type: WELL	API Number: 045-22011	Status: PR	Insp. Status: PR
Producing Well				
Comment: PR w/ Plunger				
Facility ID: 432554	Type: WELL	API Number: 045-22012	Status: PR	Insp. Status: PR
Producing Well				
Comment: PR w/ Plunger				
Facility ID: 432555	Type: WELL	API Number: 045-22013	Status: PR	Insp. Status: PR
Producing Well				
Comment: PR w/ Plunger				
Facility ID: 432556	Type: WELL	API Number: 045-22014	Status: PR	Insp. Status: PR
Producing Well				
Comment: PR w/ Plunger				
Facility ID: 432557	Type: WELL	API Number: 045-22015	Status: PR	Insp. Status: PR
Producing Well				
Comment: PR w/ Plunger				
Facility ID: 432558	Type: WELL	API Number: 045-22016	Status: PR	Insp. Status: PR
Producing Well				
Comment: PR w/ Plunger				
Facility ID: 432561	Type: WELL	API Number: 045-22017	Status: PR	Insp. Status: PR
Producing Well				
Comment: PR w/ Plunger				
Facility ID: 432562	Type: WELL	API Number: 045-22018	Status: PR	Insp. Status: PR

Producing Well

Comment: PR w/ Plunger

Facility ID: 432563 Type: WELL API Number: 045-22019 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ Plunger

Facility ID: 432564 Type: WELL API Number: 045-22020 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ Plunger

Facility ID: 432565 Type: WELL API Number: 045-22021 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ Plunger

Facility ID: 432566 Type: WELL API Number: 045-22022 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ Plunger

Facility ID: 432567 Type: WELL API Number: 045-22023 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ Plunger

Facility ID: 432810 Type: WELL API Number: 045-22050 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ Plunger

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 _____
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 _____

Inspector Name: CONKLIN, CURTIS

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
Retention Ponds	Pass					
Gravel	Pass					
Berms	Pass	Compaction	Pass			
Ditches	Pass					
Compaction	Pass	Culverts	Pass			
Culverts	Pass	Gravel	Pass			
Seeding	Pass					

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

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT