

**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:

06/19/2015

Document Number:

671104038

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	437856	437845	MONTOYA, JOHN	<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
House, Larry	303-774-3972	Larry.House@encana.com	Operations Coordinator
Helgeland, Gary		gary.helgeland@state.co.us	
,		COGCCDJinspections@encana.com	Inspections

Compliance Summary:QtrQtr: SWSE Sec: 20 Twp: 2N Range: 64W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
437836	WELL	PR	05/05/2015		123-39723	Dale 4E-20H-O264	PR	<input checked="" type="checkbox"/>
437837	WELL	PR	05/05/2015		123-39724	Dale 4B-20H-O264	PR	<input checked="" type="checkbox"/>
437838	WELL	PR	05/05/2015		123-39725	Dale 4H-20H-O264	PR	<input checked="" type="checkbox"/>
437839	WELL	PR	05/05/2015		123-39726	Dale 4G-20H-O264	PR	<input checked="" type="checkbox"/>
437840	WELL	PR	05/05/2015		123-39727	Dale 4I-20H-O264	PR	<input checked="" type="checkbox"/>
437841	WELL	PR	05/05/2015		123-39728	Dale 4C-20H-O264	PR	<input checked="" type="checkbox"/>
437842	WELL	PR	05/05/2015		123-39729	Dale 4J-20H-O264	PR	<input checked="" type="checkbox"/>
437843	WELL	PR	05/05/2015		123-39730	Dale 4D-20H-O264	PR	<input checked="" type="checkbox"/>
437844	WELL	PR	05/05/2015		123-39731	Dale 4F-20H-O264	PR	<input checked="" type="checkbox"/>
437849	WELL	PR	05/05/2015		123-39733	Dale 4K-20H-O264	PR	<input checked="" type="checkbox"/>
437856	WELL	PR	05/05/2015		123-39738	Dale 4A-20H-O264	PR	<input checked="" type="checkbox"/>

Equipment:**Location Inventory**

Inspector Name: MONTOYA, JOHN

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>11</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Signs/Marker:

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

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

Corrective Date: _____

Comment: _____

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
SEPARATOR	SATISFACTORY	ELCAR FENCE		
TANK BATTERY	SATISFACTORY	ELCAR FENCE		
WELLHEAD	SATISFACTORY	ELCAR FENCE, ALL WELLSSE CORNER N39.51054W- 104.27924		
IGNITOR/COMBUST OR	SATISFACTORY	ELCAR FENCE		

Equipment:

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Emission Control Device	12	SATISFACTORY	ALL PROD EQUIPMENTSE CORNER N40.07296W- 104.34460		
Ancillary equipment	1	SATISFACTORY	METHANOL PUMP AT METER RUN		
Ancillary equipment	1	SATISFACTORY	1BLOW DOWN CASE HEATERSE CORNER N40.07296W- 104.34460		

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Compressor	3	SATISFACTORY	SE CORNER N40.07296W- 104.34460		
Plunger Lift	11	SATISFACTORY	SE CORNER N40.07296W- 104.34460		
Horizontal Heated Separator	12	SATISFACTORY	SE CORNER N40.07296W- 104.34460		
VRU	2	SATISFACTORY	SE CORNER N40.07296W- 104.34460		
Bird Protectors	20	SATISFACTORY	22 BIRD PROTECTORS		
Gas Meter Run	12	SATISFACTORY	SE CORNER N40.07296W- 104.34460		

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	6	200 BBLS	BV FIBERGLASS	,

S/A/V: SATISFACTORY Comment: WATER PROD TANKS ARE 250 BBL CAPACITY

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
CRUDE OIL	20	500 BBLS	STEEL AST	40.073440,-104.344630

S/A/V: SATISFACTORY Comment: THERE ARE 28-500BBL TANKS

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	
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Venting:		
Yes/No	Comment	
NO		

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Ignitor/Combustor	SATISFACTORY			

Predrill

Location ID: 437856

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/A/V: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:**S/A/V:** _____ **Comment:** _____**CA:** _____ **Date:** _____**Wildlife BMPs:**

BMP Type	Comment
General Housekeeping	Any material not in use that might constitute a fire hazard will be removed a minimum of twenty-five (25) feet from the wellhead, tanks and separator. Any electrical equipment installations inside the bermed area will comply with API RP 500 classifications and comply with the current national electrical code as adopted by the State of Colorado.
Material Handling and Spill Prevention	Temporary flowback flaring and oxidizing equipment will include: adequately sized equipment to handle 1.5 times the largest flowback volume of gas experienced in a ten mile radius. If there is overrun, Encana will shut in the well versus freely venting
Drilling/Completion Operations	Backup stabbing valves will be used on well servicing operations during reverse circulation. Valves will be pressure tested before each well servicing operation using both low-pressure air and high-pressure fluid.
Drilling/Completion Operations	Adequate blowout prevention equipment will be used on all well servicing operations.
Drilling/Completion Operations	Guy line anchors in the DJ Basin are not installed. Encana will use an engineered base beam that we guy wire anchor the derricks to.
Drilling/Completion Operations	Upon initial rig-up and at least once every thirty (30) days during drilling operations thereafter, pressure testing of the casing string and each component of the blowout prevention equipment including flange connections will be performed to seventy percent (70%) of working pressure or seventy percent (70%) of the internal yield of casing, whichever is less. Pressure testing will be conducted and the documented results will be retained by the operator for inspection by the Director for a period of one (1) year. Activation of the pipe rams for function testing will be conducted on a daily basis when practicable.
Construction	Encana will install fencing to restrict access to wellheads and equipment.

Material Handling and Spill Prevention	Well effluent containing more than ten (10) barrels per day of condensate or within two (2) hours after first encountering hydrocarbon gas of salable quality will be directed to a combination of sand traps, separators, surge vessels, and tanks as needed to ensure safe separation of sand, hydrocarbon liquids, water, and gas and to ensure salable products are efficiently recovered for sale or conserved and that non-salable products are disposed of in a safe and environmentally responsible manner.
Drilling/Completion Operations	Encana will utilize a closed-loop system for drilling operations at this location.
General Housekeeping	All surface trash, debris, scrap or discarded material connected with the operations of the property shall be removed from the premises or disposed of in a legal manner.
General Housekeeping	The well site will be cleared of all non-essential equipment, trash and debris after ninety days of a well P&A.
Noise mitigation	The subject location will be constructed to allow potential future noise mitigation installation without disturbance.
Material Handling and Spill Prevention	Encana utilizes 24" tall corrugated galvanized metal berm walls with a capacity in excess of 150% of the largest tank contained within the wall. In addition, Encana best practices mandates the use of impervious liners that extends under each storage tank and up the walls, permanently affixed to the top of the metal berm wall. Protrusions of piping that come through the liner include a fully sealed "boot" to prevent leakage.
Construction	The pad will be constructed in such a manner that noise mitigation may be installed and removed without disturbing the site or landscaping.
Construction	Subject pad will have all weather access roads to allow for operator and emergency response.
Final Reclamation	Encana will identify plugged and abandoned wellbores according to Rule 319.a.(5). including the location of the wellbore with a permanent monument as specified in Rule 319.a.(5). Encana will also inscribe or imbed the well number and date of plugging upon the permanent monument.
Drilling/Completion Operations	All newly installed or replaced crude oil and condensate storage tanks will be designed, constructed, and maintained in accordance with National Fire Protection Association (NFPA) Code 30 (2008 version). Encana will maintain written records verifying proper design, construction, and maintenance, and will make these records available for inspection by the Director. In addition, onsite inspections are conducted internally to insure guidelines are met.
Material Handling and Spill Prevention	<ul style="list-style-type: none"> • Annual hydrostatic test on the oil dump line from the separator to the tank battery. • Annual hydrostatic "static" tests on our oil tanks. • Annual hydrostatic "static" tests on our produced water tank and water dump line from the separator to the produced water tank. • Lease Operator inspections of all equipment not to exceed 48 hours. • Monthly documented inspections (EU). • Annual environmental inspections of all battery and well equipment and pads. • Annual UT inspections of the pressure vessels and input into Encana's RIPL Predictive Integrity Maintenance Program. (HLP separators and fuel gas separators)"
Drilling/Completion Operations	Flow lines, separators, and sand traps capable of supporting green completions as described in Rule 805 will be installed on subject location at which commercial quantities of gas are reasonably expected to be produced based on existing adjacent wells within 1 mile.

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Noise mitigation	Encana will perform a baseline noise survey prior to any operational activity measuring dBA at a distance 350 feet from the noise source (unless there is an occupied structure closer than that – then measurement will be taken 25 feet from the structure). If low frequency noise is a concern, measurement of dBC will be taken 25 feet from the occupied structure towards the noise source. As necessary, based on the survey, Encana will install temporary sound walls to minimize noise and light impacts during drilling and completions and will install permanent noise mitigation at the facility location as necessary to meet all COGCC regulations.
Construction	At the time of construction, all leasehold roads will be constructed to accommodate local emergency vehicle access requirements, and will be maintained in a reasonable condition.

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: 437836 Type: WELL API Number: 123-39723 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 437837 Type: WELL API Number: 123-39724 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 437838 Type: WELL API Number: 123-39725 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 437839 Type: WELL API Number: 123-39726 Status: PR Insp. Status: PR

Producing WellComment: **PR**

Facility ID: 437840 Type: WELL API Number: 123-39727 Status: PR Insp. Status: PR

Producing WellComment: **PR**

Facility ID: 437841 Type: WELL API Number: 123-39728 Status: PR Insp. Status: PR

Producing WellComment: **PR**

Facility ID: 437842 Type: WELL API Number: 123-39729 Status: PR Insp. Status: PR

Producing WellComment: **PR**

Facility ID: 437843 Type: WELL API Number: 123-39730 Status: PR Insp. Status: PR

Producing WellComment: **PR**

Facility ID: 437844 Type: WELL API Number: 123-39731 Status: PR Insp. Status: PR

Producing WellComment: **PR**

Facility ID: 437849 Type: WELL API Number: 123-39733 Status: PR Insp. Status: PR

Producing WellComment: **PR**

Facility ID: 437856 Type: WELL API Number: 123-39738 Status: PR Insp. Status: PR

Producing WellComment: **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:

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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: IRRIGATED

Comment: 11 WELLS ON THIS LOCATION SE CORNER N39.51054 W-104.27924

1003a. Debris removed? Pass CM _____
CA _____ CA Date _____
Waste Material Onsite? Pass CM _____
CA _____ CA Date _____
Unused or unneeded equipment onsite? Pass CM _____
CA _____ CA Date _____
Pit, cellars, rat holes and other bores closed? Pass CM _____
CA _____ CA Date _____
Guy line anchors removed? Pass CM _____
CA _____ CA Date _____
Guy line anchors marked? _____ CM _____
CA _____ CA Date _____

1003b. Area no longer in use? Pass 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? _____

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: IRRIGATED

Reminder: _____

Comment: _____

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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	Gravel	Pass			

S/A/V: SATISFACTOR
Y

Corrective Date: _____

Comment:

CA:

Pits: ☐ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
WELLS CONTROLLED BY INTERMITTER CONTROLS, 11 WELLS ON THIS PAD	montoyaj	06/19/2015