

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400699014

Date Received:

10/13/2014

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

439127

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: <u>KOCH EXPLORATION COMPANY, LLC</u>	Operator No: <u>49100</u>	Phone Numbers
Address: <u>950 17TH STREET #1900</u>		Phone: <u>(303) 325-2564</u>
City: <u>DENVER</u>	State: <u>CO</u>	Mobile: <u>(720) 201-4941</u>
Zip: <u>80202</u>		Email: <u>radinj@kochind.com</u>
Contact Person: <u>Jordan Radin</u>		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400685989

Initial Report Date: 09/12/2014 Date of Discovery: 09/11/2014 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NENE SEC 30 TWP 2N RNG 96W MERIDIAN 6Latitude: 40.117850 Longitude: -108.202030Municipality (if within municipal boundaries): _____ County: RIO BLANCO

Reference Location:

Facility Type: WELL ☐ Facility/Location ID No. _____
☐ No Existing Facility or Location ID No.
☒ Well API No. (Only if the reference facility is well) 05-103-09470

Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? Yes

Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.

Were Five (5) barrels or more spilled? Yes

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): Unknown Estimated Condensate Spill Volume(bbl): UnknownEstimated Flow Back Fluid Spill Volume(bbl): Unknown Estimated Produced Water Spill Volume(bbl): UnknownEstimated Other E&P Waste Spill Volume(bbl): Unknown Estimated Drilling Fluid Spill Volume(bbl): UnknownSpecify: Historical spill - contaminated soil found during reclamation.

Land Use:

Current Land Use: OTHER Other(Specify): Oil & Gas LeaseWeather Condition: At time of discovery Clear 65 FSurface Owner: FEDERAL Other(Specify): BLM

Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State ☐ Residence/Occupied Structure ☐ Livestock ☐ Public Byway ☐ Surface Water Supply Area ☐

As defined in COGCC 100-Series Rules

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

Potentially contaminated soil was observed during reclamation of the abandoned well site. Koch Exploration Company, LLC (KEC) hasn't produced any liquids from the well since the site was acquired from Encana in 2010. KEC is unaware of any historical resources. Upon discovery of the potentially contaminated soil, KEC stopped site reclamation work. Preliminary delineation efforts indicated an impacted area of approximately 70' x 70' x 40'. KEC will excavate the impacted soil and conduct confirmation sampling of the excavated area. Impacted soil will either be landfarmed on site or disposed at a licensed disposal facility.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
9/11/2014	BLM	Ryan Snyder	970-878-3823	Requested Sundry Notice of Undesirable Event
9/11/2014	Rio Blanco County	Mark Sprague	970-878-9581	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 10/01/2014			
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	_____	_____	<input checked="" type="checkbox"/>	
CONDENSATE	_____	_____	<input checked="" type="checkbox"/>	
PRODUCED WATER	_____	_____	<input checked="" type="checkbox"/>	
DRILLING FLUID	_____	_____	<input checked="" type="checkbox"/>	
FLOW BACK FLUID	_____	_____	<input checked="" type="checkbox"/>	
OTHER E&P WASTE	_____	_____	<input checked="" type="checkbox"/>	
specify: _____				
Was spill/release completely contained within berms or secondary containment? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>				
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>				
A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit				
Impacted Media (Check all that apply) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature				
Surface Area Impacted:		Length of Impact (feet): <u>50</u>	Width of Impact (feet): <u>50</u>	
		Depth of Impact (feet BGS): <u>12</u>	Depth of Impact (inches BGS): _____	
How was extent determined?				
Impacted soils were excavated and stockpiled on location.				
Soil/Geology Description:				
Glendive Fine Sandy Loam				
Depth to Groundwater (feet BGS) <u>200</u> Number Water Wells within 1/2 mile radius: <u>0</u>				
If less than 1 mile, distance in feet to nearest		Water Well _____ None <input checked="" type="checkbox"/>	Surface Water <u>1000</u> None <input type="checkbox"/>	
		Wetlands _____ None <input checked="" type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>	
		Livestock <u>1000</u> None <input type="checkbox"/>	Occupied Building _____ None <input checked="" type="checkbox"/>	
Additional Spill Details Not Provided Above:				

On September 11, 2014 while reclaiming the Federal A-30-96-2-N, former gas production well pad, Koch Exploration Company, LLC (Koch) discovered what appears to be a historical release. The impacted soils were excavated and stockpiled on location to be treated on-site. Confirmation samples were collected within the excavation from the bottom and sidewalls to demonstrate the remaining soils satisfy COGCC Table 910-1. Results (ALS Lab work order 1409878) indicate the analytes are below COGCC Table 910-1 thresholds, with the exception of arsenic and inorganic parameters (SAR, EC, pH). Three (3) background samples were collected to determine background concentrations. Koch is requesting an allowance for the arsenic and inorganic exceedances and a no further action (NFA) for COGCC release #400685989 (Form 19 document number) as background results are comparable to the inorganic exceedances. The excavation will be backfilled with 3 feet of native soil.

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	10/01/2014		
Cause of Spill (Check all that apply)		<input type="checkbox"/> Human Error	<input type="checkbox"/> Equipment Failure	<input checked="" type="checkbox"/> Historical-Unknown
		<input type="checkbox"/> Other (specify) _____		
Describe Incident & Root Cause (include specific equipment and point of failure)				
<div>During reclamation of plugged wellsite, a historical spill was discovered. Koch Exploration Company, LLC (Koch) has not produced any liquids from the well since the site was acquired from Encana in 2010.</div>				
Describe measures taken to prevent the problem(s) from reoccurring:				
<div>Well has been plugged, and will be reclaimed to COGCC standards.</div>				
Volume of Soil Excavated (cubic yards): 1111				
Disposition of Excavated Soil (attach documentation)		<input type="checkbox"/> Offsite Disposal	<input checked="" type="checkbox"/> Onsite Treatment	
		<input type="checkbox"/> Other (specify) _____		
Volume of Impacted Ground Water Removed (bbls): 0				
Volume of Impacted Surface Water Removed (bbls): 0				

REQUEST FOR CLOSURE

Spill/Release Reports should be closed when impacts have been remediated or when further investigation and corrective actions will take place under an approved Form 27.

Basis for Closure: ☐ Corrective Actions Completed (documentation attached)

☐ Work proceeding under an approved Form 27

Form 27 Remediation Project No: _____

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: _____ Print Name: Darlene Tadlock
Title: E&P Technician Date: 10/13/2014 Email: tadlockd@kochind.com

COA Type

Description

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Attachment Check List

Att Doc Num

Name

400699014	FORM 19 SUBMITTED
400699027	ANALYTICAL RESULTS
400699028	AERIAL PHOTOGRAPH

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Agency	"Request For Closure" will not be granted until contaminated soils which are stockpiled on location have either been disposed of offsite at a permitted facility or landfarmed until soil contaminants are below Table 910-1 concentrations as demonstrated by representative samples. Arsenic concentrations from the excavation are comparable to background samples and do not require remediation. Soils with EC, pH and SAR concentrations exceeding Table 910-1 must be buried beneath at least three feet of clean fill or treated to Table 910-1 standards. When these conditions have been attained, submit another supplemental F-19 with supporting data and check "Request For Closure" box.	10/14/2014 2:06:11 PM

Total: 1 comment(s)