

3R – 450

2009 C-141

04 / 17 / 2009

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Amended Report ☐ Final Report

Name of Company Koch Exploration Company, LLC	Contact Don Johnson or John Clark	
Address PO Box 489, Aztec, NM 87410	Telephone No. 505-334-9111	
Facility Name Dryden 2E	Facility Type Gas Well	
Surface Owner BLM	Mineral Owner BLM	Lease No. NM-013861

LOCATION OF RELEASE

Unit Letter I	Section 22	Township 28N	Range 8W	Feet from the 1610	North/South Line South	Feet from the 685	East/West Line East	County San Juan
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Latitude 36 deg 38' 38"

Longitude 107 deg 39' 41"

NATURE OF RELEASE

Type of Release Condensate and Produced Water	Volume of Release 4.21 bbl condensate & 11.0 bbl prod water	Volume Recovered 6 bbl prod water
Source of Release Condensate Tank Drain Valve	Date and Hour of Occurrence Between 1/9 & 1/19/09	Date and Hour of Discovery 1/19/09 10:00 a.m.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

No surface watercourse was impacted, however potential groundwater impacts will be investigated.

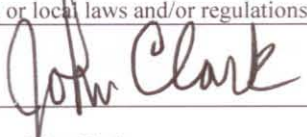
Describe Cause of Problem and Remedial Action Taken.*

See attachment

Describe Area Affected and Cleanup Action Taken.*

See attachment

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: John Clark	Approved by District Supervisor:		
Title: District Superintendent	Approval Date:	Expiration Date:	
E-mail Address: clark23j@kochind.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 4/17/09	Phone: (505) 334-9111		

- Attach Additional Sheets If Necessary

Release Notification and Corrective Action

Amended C-141 Attachment

Prepared: April 16, 2009

Koch Exploration Company, LLC

Dryden 2E API #30-045-26002

Lease # NM-01386 S22, T28N, R8W 1610' FSL & 685' FEL

On January 19, 2009 a spill was discovered at the KEC Dryden 2E well site located in San Juan County, NM. The spill was caused by a valve on the crude oil tank that froze and cracked. The spilled material consisted of approximately 4 bbl of crude oil and 11 bbl of produced water. The spill was contained inside secondary containment. A vacuum truck was called to the location and approximately 6 bbl of fluid was recovered. Oil Gator (a bioremediation accelerant) was mixed into the impacted area to a depth of approximately two inches (the ground was frozen below that depth).

On March 16 KEC conducted shallow soil sampling of the spill area. A hand auger was used to obtain soil samples and a PID meter was used to detect hydrocarbons. It was determined that hydrocarbon contamination was present down to 8 ft (the maximum achievable depth of the hand auger).

On April 2 a track hoe was mobilized to excavate contaminated soil. The completed excavation was approximately 28 ft x 36 ft x 23 ft (depth). Groundwater was observed at 23 ft. Confirmation samples were collected on the four walls of the excavation and a water sample was taken from the bottom of the excavation. The samples were sent to Hall Environmental Laboratory for analysis. Approximately 558 yd³ of soil was disposed at a licensed 3rd party facility. A representative from both the NMOCD and BLM observed excavation and sampling activities.

On April 3 the excavation was backfilled with clean soil taken from an on-location cut. Use of on-site materials as backfill was approved by the BLM representative that observed the April 2 activities.

On April 14 we received the analytical results for the four confirmation soil samples and groundwater sample. The four soil samples yielded non-detect for all parameters (DRO, MRO, GRO, and BTEX). The water sample, which was analyzed for BTEX, yielded the following results:

Benzene: 62 micrograms/L

Toluene: 1,500 micrograms/L

Ethylbenzene: 240 micrograms/L

Xylenes, Total: 3,800 micrograms/L

KEC will continue to investigate this matter and coordinate with the NMOCD regarding future action steps and approvals.