District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

X Initial Report ☐ Final Report

Name of Company LINN Operating	Contact Rick Rickman—Aaron Hickert
Address Hobbs, N.M.	Telephone No. 575-513-8825 432-363-9496
Facility Name East Hobbs San Andres Unit #207	Facility Type oil

Surface Owner Private/State	Mineral Owner	API No.30-025-37814

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	30	18S	39E	2330	FNL	1197	FEL	LEA

Latitude 32.719437 **Longitude** -103.080925

NATURE OF RELEASE

Type of Release oil and produced water	Volume of Release 9 bbl.	Volume Recovered 0
Source of Release poly flow line	Date and Hour of Occurrence 2-23-17 3:30 pm	Date and Hour of Discovery 2-23-17 4:30.pm
Was Immediate Notice Given? X Yes ☐ No ☐ Not Required	If YES, To Whom? Maxi Brown NMOCD	
By Whom? Rick Rickman	Date and Hour 4:30 pm	
Was a Watercourse Reached? ☐ Yes X No	If YES, Volume Impacting the Watercourse.	

RECEIVED
By Olivia Yu at 7:22 am, Mar 07, 2017

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
High winds resulted in power line contacting each other creating sparks. Creating a grass fire, As the fire traveled it burned the poly flow line to LINN EHSAU 207 resulting in a loss of approx.. ½ bbl. oil and 9 bbl. water. The well was shut down and shut in until fire department had extinguished the fire, at that time repairs were made and the well returned to service

Describe Area Affected and Cleanup Action Taken.*
The fire consumed the fluids that escaped from the flow line.
The affected area will be cleaned of debris and sampled for contamination by a third party contractor.
Should unacceptable levels be discovered a remediation plan will be made.

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: Rick Rickman	OIL CONSERVATION DIVISION
Printed Name: Rick Rickman	Approved by Environmental Specialist:
Title: Production Foreman	Approval Date: 3/7/2017 Expiration Date:
E-mail Address: rrickman@linnenergy.com	Conditions of Approval: see attached directive Attached ☑
Date: 2-28-17 Phone: 575-513-8825	

* Attach Additional Sheets If Necessary

1RP-4631 nOY1706627456 pOY1706628045

Spill Release Form

Guidelines for Industry Safe forms: - Follow notes in column C
- Yellow fields are required
- Attach this form as a .xlsx attachment when entering into Industry Safe

Basic Information

Lease Operator Name	Keith Logan & Eddie Jaramillo	enter **Contractor** for contract employees enter **Not Applicable** for contractors
Involved Employee Name	Foreman Rick R. & contractor Paul Cowan	enter **Contractor** for contract employees enter **Not Applicable** for contractors
Involved Employee Title	report filed by Eddie Jaramillo	enter **Contract Employee and name** for contract employees ex. **Contract Employee-Michael Jordan** enter **Not Applicable** for contractors
Date of Incident	2/23/2017	
Time of Incident	4:30 PM	if time is unknown, enter time incident was discovered
Incident Type	Spill / Release	select from drop-down
Was a Vehicle Involved?	N	**Y/N** - if Y, complete **Vehicle Involved** tab
Was an employee or directly supervised contractor injured?	N	**Y/N** - if Y, complete **Employee Injury** tab
Was a Non-Employee injured?	N	**Y/N** - if Y, complete **Non-Employee Injury** tab
Property Damage?	Y	**Y/N**
Level of Investigation	No Investigation	
Company	Linn Energy	

Incident Details

Reported to: Name	Albert Rivera	Select a name from EH&S
Region	Houston	select from drop-down
Area	Hobbs	select from drop-down
Enertia Area	PBNM - PB-EASTERN NM	if Houston or Rockies region, select appropriate Enertia area; otherwise, just select your region
State	New Mexico	
Latitude	32.719437	
Longitude	-103.080925	
Operated by LINN	Y	**Y/N**
Specific Location	EHSAU #207	enter facility name, lat/long, or specific directions
Weather Conditions	Windy	
Description of Spill	power lines hitting each other due to strong winds caused a grass fire which burned the flow line to the EHSAU 207 24 hour production for this well is approx.4 oil and 110 water- estimated 2 hours of fluid were burned =9 bbl. total + or -	if a contractor incident, include Contractor Company Name here

Spill Release Form

Environmental Analysis		
Substance 1 Released	Crude Oil	select from drop-down
If Other, Identify		
Substance 1 Volume	0.5	
Substance 1 Volume - Units	Barrel(s)	select from drop-down
Substance 1 Recovered	0	
Substance 1 Recovered - Units	Barrel(s)	select from drop-down
Substance 2 Released	Produced Water	select from drop-down
If Other, Identify		
Substance 2 Volume	9	
Substance 2 Volume - Units	Barrel(s)	select from drop-down
Substance 2 Recovered	0	
Substance 2 Recovered - Units	Barrel(s)	select from drop-down
Spill/Release Type	Land	select from drop-down
Inside Containment	N	Y/N
Slick Present	N	Y/N - select Y only if spill migrated into a natural body of water; otherwise select N
Duration of Natural Gas Release		hours
Material	Poly	select from drop-down
Source of Spill	Flow Line	select from drop-down
Detail Source of Spill		select from drop-down
Method	Melted	select from drop-down
Cause of Failure	Heat	select from drop-down
Detail Cause of Failure	Fire	select from drop-down
Description of Spill Release Impact	fluids were burned by the fire	
CERCLA Hazardous Substance Released	N	Y/N

Environmental Reporting		
Date Reported	2/23/2017	
Time Reported	4:30 PM	if time is unknown, enter time incident was discovered
Agency Report Required	y	Y/N - select Y only if spill exceeds reportable quantity; otherwise select N
	Was Reported to Maxi Brown With NMOCD	

Environmental Clean Up		
Onsite Personnel Cleaned Up Spill	onsite and contractor	Y/N
Clean Up Description	turned wells off--repaired lines-restarted wells	
Offsite Contractor Cleaned Up Spill	to be determined if needed	Y/N
Estimated Cost of Clean Up	to be determined if needed	
Contractor Contact Information		

Additional Information		
Witness Information and Statement	Fire Chief said fire started by highline-also told that by residents Jenna Roberts	
Estimated Property Damage	$ -	if applicable
Damage to a DOT Pipeline?		Y/N
Identify Emergency Responders	Fire Department-Sheriff Department-LINN	
Was a drug or alcohol test performed?		Y/N

Operator/Responsible Party,

The OCD has received the form C-141 you provided on _2/28/2017_ regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number __1R-_4631_ has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

> *The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC.* [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District _1_ office in __Hobbs____ on or before _4/7/2017_. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

● Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C_6 thru C_{36}), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.

● Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C_6 thru C_{36}), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.

● Nominal detection limits for field and laboratory analyses must be provided.

● Composite sampling is not generally allowed.

● Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

●Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

● If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

● Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold
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Santa Fe, New Mexico 87505
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