

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**

☒ Initial Report ☐ Final Report

Name of Company: BP America Production Co.	Contact: Steve Moskal	
Address: 380 Airport Rd., Durango, CO 81303	Telephone No.: 505-330-9179	
Facility Name: Leeper Gas Com 001	Facility Type: Natural gas well	
Surface Owner: Fee	Mineral Owner: Fee	API No. 3004511142

**LOCATION OF RELEASE**

Unit Letter L	Section 34	Township 32N	Range 10W	Feet from the 1,340	North/South Line South	Feet from the 790	East/West Line West	County: San Juan
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Latitude 36.93858° Longitude -107.875794°

**NATURE OF RELEASE**

Type of Release: Unknown - hydrocarbon	Volume of Release: unknown	Volume Recovered: none
Source of Release: Unknown - suspect earthen pit	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: July 28, 1998
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.\*

Describe Cause of Problem and Remedial Action Taken.\* During routine excavation at the site, observations indicated what appeared to be hydrocarbon impacts to the soil, likely associated with an earthen pit from previous, acceptable, operating practices. The site was excavated on three different occasions and several monitoring wells were installed and monitored from 1998 through 2006.

Describe Area Affected and Cleanup Action Taken.\* The site was excavated in 1998 and 1999. Groundwater was determined to have impacts, at which time, several monitoring wells were drilled and installed in 1998 through 2000. The site was monitored until 2006 when it was determined that groundwater impacts were below standards for analyzed constituents. Three nearby domestic water wells were also sampled during this time. Attached is a map depicting the following delineation plan to collect samples near the pipelines to determine if residual contamination exists:

A total of four auger holes will be advanced, not within 5' feet of the active fiberglass lines, and sampled at 2' intervals for field screening using a calibrated PID. Samples will be collected for laboratory analysis of 8015 TPH and 8021 BTEX where evidence of contamination exists through the borings and at total depth. If hand auguring is not successful, a hydrovac will be employed with samples collected at two foot intervals by auguring or hand tools ahead of the hydrovac advancements.

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Steve Moskal	Approved by Environmental Specialist: 	
Title: Field Environmental Coordinator	Approval Date: <u>3/12/18</u>	Expiration Date:
E-mail Address: steven.moskal@bp.com	Conditions of Approval:	Attached <input checked="" type="checkbox"/>
Date: March 7, 2018	Phone: 505-330-9179	

\* Attach Additional Sheets If Necessary

NMOCD

MAR 07 2018

DISTRICT III

See 32P 36\*

NVF 1807152438

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MONITOR WELL LOCATIONS AND ELEVATIONS  
ARE FROM VANN 01/17/00 SURVEY. ALL  
OTHER STRUCTURES DISPLAYED ON THE SITE  
MAP ARE SOLELY FOR REFERENCE AND  
ARE NOT TO SCALE.

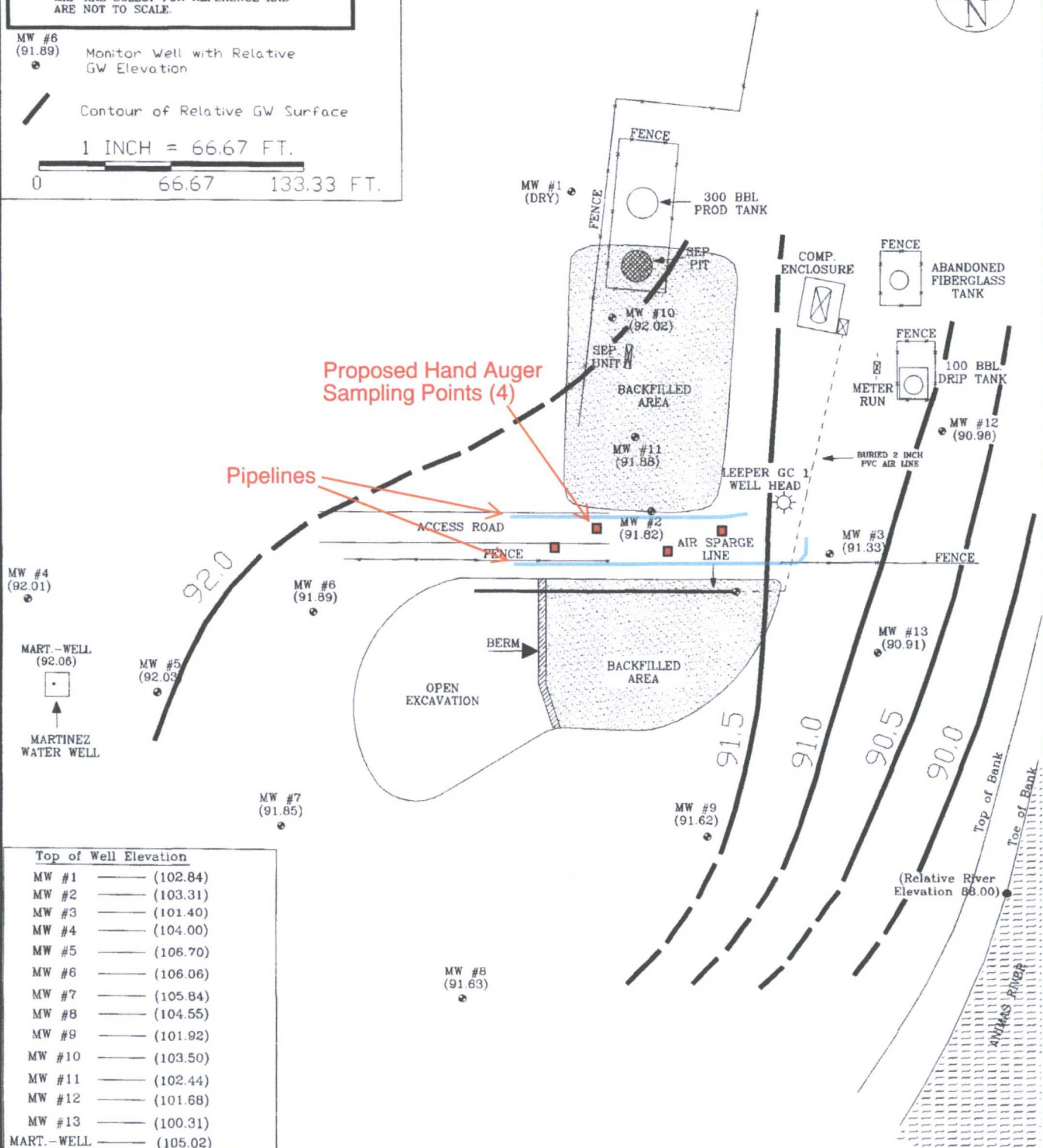
MW #6  
(91.89)

Monitor Well with Relative  
GW Elevation

Contour of Relative GW Surface

1 INCH = 66.67 FT.

0 66.67 133.33 FT.



Top of Well Elevation

MW #1	(102.84)
MW #2	(103.31)
MW #3	(101.40)
MW #4	(104.00)
MW #5	(106.70)
MW #6	(106.06)
MW #7	(105.84)
MW #8	(104.55)
MW #9	(101.92)
MW #10	(103.50)
MW #11	(102.44)
MW #12	(101.68)
MW #13	(100.31)
MART.-WELL	(105.02)

AMOCO PRODUCTION COMPANY

LEEPER GAS COM # 1

NW/4 SW/4 SEC. 34, T32N, R10W

SAN JUAN COUNTY, NEW MEXICO

BLAGG ENGINEERING, INC.

CONSULTING PETROLEUM / RECLAMATION SERVICES

P.O. BOX 87  
BLOOMFIELD, NEW MEXICO 87413

PHONE: (505) 632-1199

PROJECT: GW GRADIENT

DRAWN BY: JCB

FILENAME: 01-17-GW

REVISED: 02/01/00 JCB

GROUNDWATER  
GRADIENT

MAP

01/17/00



## Fields, Vanessa, EMNRD

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**From:** Fields, Vanessa, EMNRD  
**Sent:** Monday, March 12, 2018 2:10 PM  
**To:** 'Moskal, Steven'  
**Cc:** Smith, Cory, EMNRD  
**Subject:** Conditions of Approval for Leeper Gas Com #001 API# 30-045-11142

### Conditions of Approval for Leeper Gas Com #001 API# 30-045-11142:

- Following the NMOCD Guidelines for Remediation's of Leaks, Spills and Releases the remediation's levels for Leeper Gas Com #001 soils at the are as follows 10 mg/kg Benzene, 50 mg/kg BTEX and 100 mg/kg TPH  
BP #
- ~~Williams~~ will fully delineate the release both horizontally and vertically. Boreholes that exceeded 100ppm OVM or exhibit heavy staining and/or apparent hydrocarbon impacts will be considered impacted until sampled.
- Delineation must be completed by April 13, 2018.
- Provide OCD District III office 24 hour notification prior to sampling.
- Horizontal delineation of soil impacts 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; C6 thru C36). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts 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; C6 thru C36), 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 the sites closure standards must be demonstrated as existing above the water table.
- Composite sampling will not be allowed for delineation
- 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).

- Within 30 days of completion of delineation BP will submit to the OCD a delineation report and proposed alternative remediation plan.

Please let me know if you have any questions.

Thank you,  
Vanessa Fields  
Environmental Specialist  
Oil Conservation Division  
Energy, Minerals, & Natural Resources  
1000 Rio Brazos, Aztec, NM 87410  
(505)334-6178 ext 119  
Cell: (505) 419-0463  
[vanessa.fields@state.nm.us](mailto:vanessa.fields@state.nm.us)