NMOCD

JUN 06 2018

DISTRICT III

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	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: San Juan
L	34	32N	10W	1,340	South	790	West	

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? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? ☐ Yes ☒ 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. The site was recently excavated once again to remove residual impacts in the immediate vicinity of the gas pipelines.

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. BP recently excavated approximately 1,370 cubic yards of impacted soil that was hauled off site for landfarm treatment. During the excavation, concerns of groundwater contamination were observed. The attached delineation plan details the installation of monitoring wells to determine whether or not groundwater impacts are present.

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:	OIL CONSERVATION DIVISION	
Printed Name: Steve Moskal	Approved by Environmental Specialist:	
Title: Field Environmental Coordinator	Approval Date: 6/14/2018	Expiration Date:
E-mail Address: steven.moskal@bp.com	Conditions of Approval: See below	Attached ☐
Date: June 6, 2018 Phone: 505-330-9179		

* Attach Additional Sheets If Necessary

Subsequent Report Only
Monitoring wells may be adjusted in Field if needed!
Water Samples will need to be analyzed for 8260

NVF1807152438

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BP Remediation Planning

To: Randy Bayliss, Cory Smith, Vanessa Fields (NMOCD)

From: Steve Moskal (BP)

Date: 6/6/2018

Re: Leeper Gas Com 1 – Groundwater Delineation Plan
API#30-045-11142 (L) S34, T32N, R10W; Lat. 36.938252°, Long. -107.875558°

The Leeper Gas Com 001 site is an active natural gas production pad within the San Juan Basin Gas Field in San Juan County, New Mexico. The site is located in San Juan County east of the intersection of County Road 2350 and US Highway 550, on private land. Depth to groundwater is anticipated to be ~6' bgs (below ground surface).

GROUNDWATER DELINEATION PLAN

BP proposes to advance 2 soil boring to a maximum of 15 feet bgs; one in the center of the recently excavated area and one immediately downgradient of the excavation. The gradient will be determined with a survey of the currently placed monitoring wells to ensure proper placement of the well.

The borings will be advanced using a minimum 4" (ID) hollow stem auger or other recommended tooling adequate to accommodate 2" PVC groundwater monitoring wells. In each boring, 2-inch PVC well screen will be placed in the lower 10 foot portion, likely from 15' bgs to 5' bgs. Each soil boring will be completed with a blank (solid pipe) riser to the surface for completion as an aboveground monument. The base of the PVC is preferred to have a cone bottom or slip cap. Sand pack will be added to the boring annulus to 1' above the screened interval. Hydrated bentonite or slurry will be placed in the remainder of the boring to 1' bgs where cement will be used to seal the surface and final surface completion. The well protectors will be lockable. The wells will be permitted through the New Mexico Office of the State Engineer Aztec Office by BP's consultant.

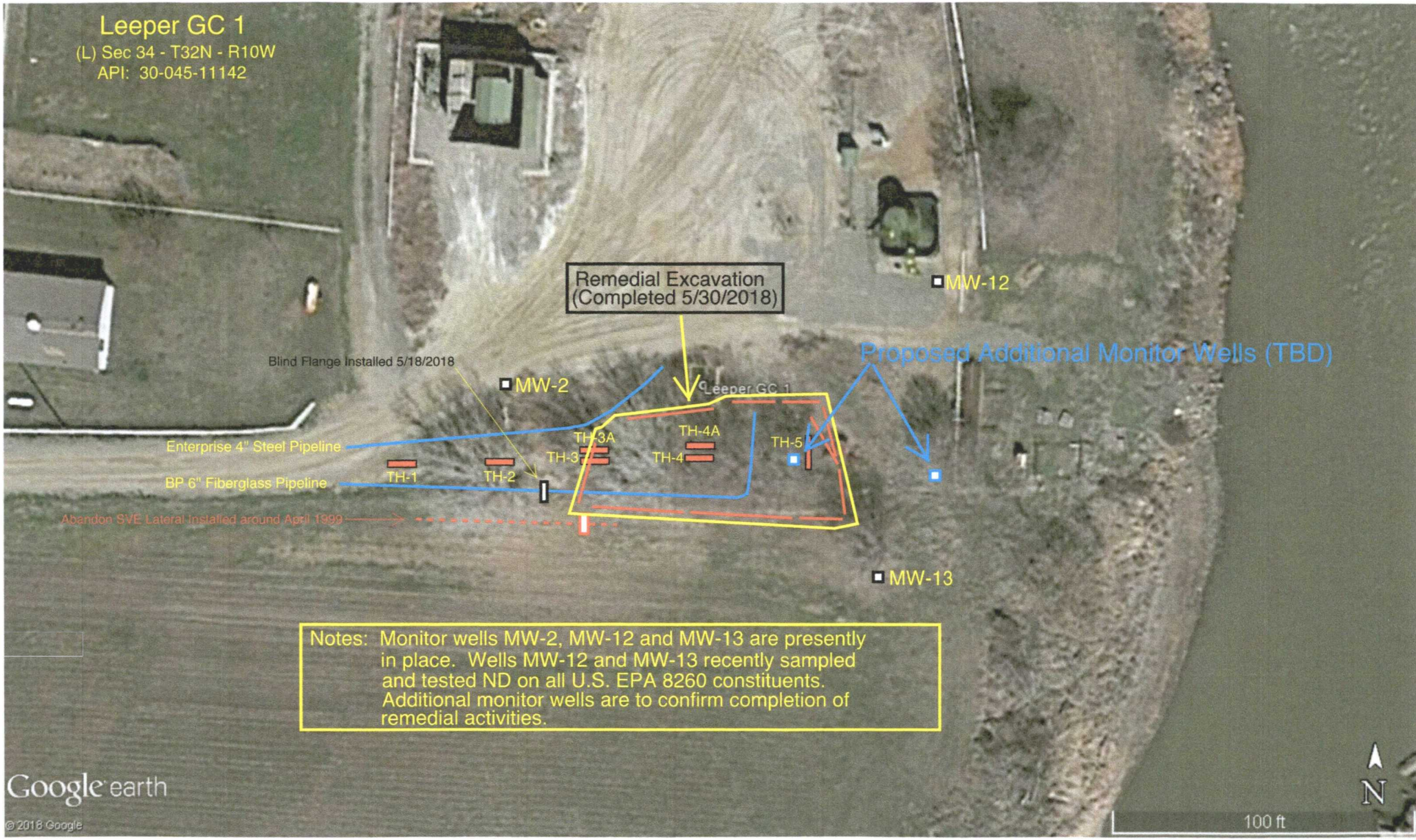
During advancement of the well borings, soil samples will be collected for confirmation. A soil sample will be collected every 5' or more frequent if possible. The soil samples will be field screened using a calibrated photoionization detector via an approved field headspace method. A minimum of one soil sample, likely at the groundwater interface, will be submitted for laboratory analysis, following handling and chain of custody protocols, for analysis of EPA Methods 8015 TPH (GRO, DRO and MRO), 8021 BTEX and 6010 chlorides. The soil samples with the highest PID from each boring along with the soil sample base of the boring or at the groundwater interface will be submitted for analysis. If contaminated soil is encountered, it will be collected and containerized for offsite disposal.

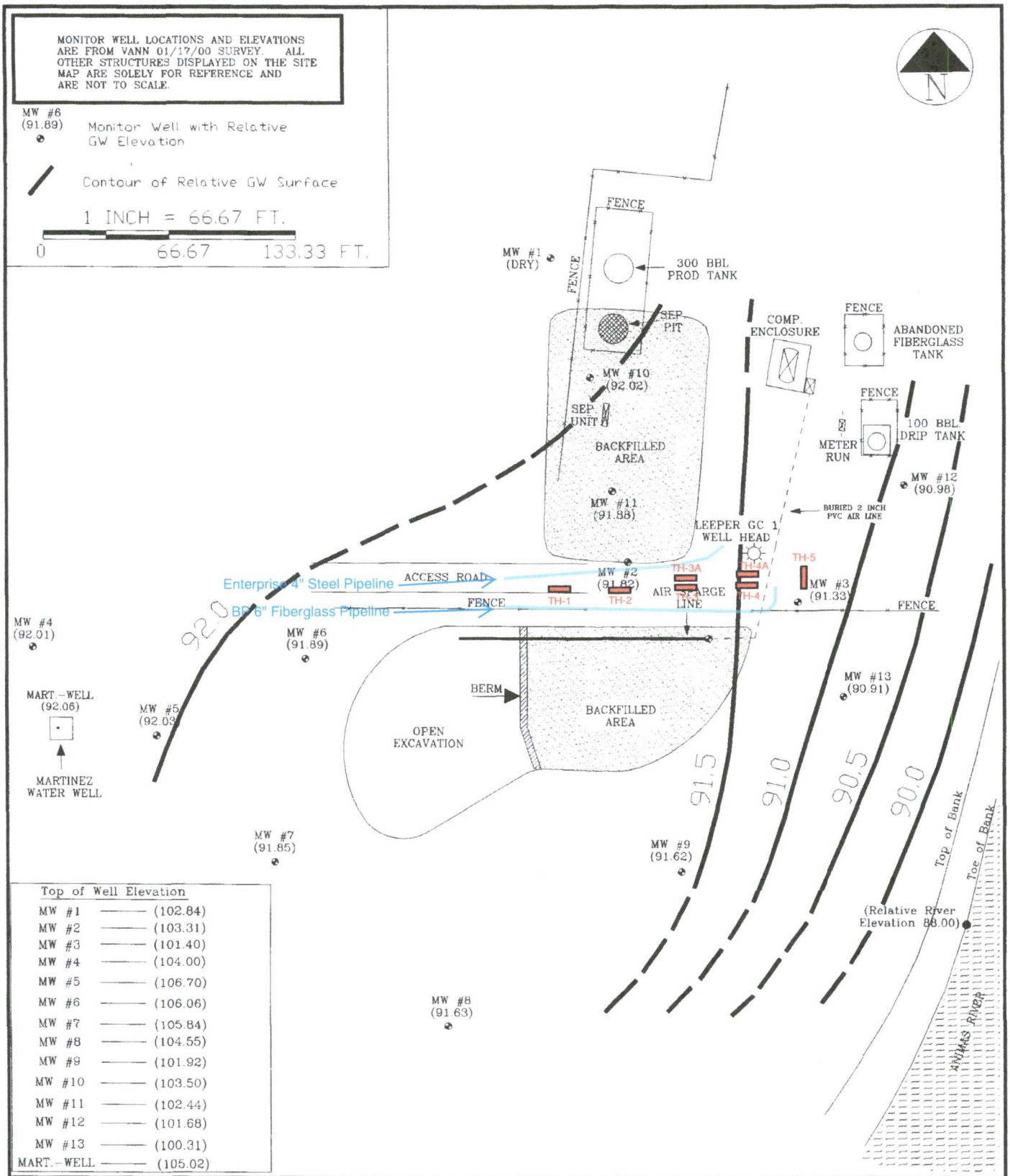
Once the well installation is complete and allowed to sit for a minimum of 24 hours, the wells will be monitored for water. If no water is present, the wells will then be rechecked in approximately 2 weeks. If water is present, the wells will be developed via a bailing and purging with a new, disposable bailer used in each well. The wells will be purged for a minimum of 3 well volumes and where field screening for temperature, conductivity and pH become stable for a minimum of three consecutive readings (within 10%). The purged water will be contained and disposed of in the nearby below grade tank.

The wells will then be allowed to sit for approximately 24 hours then purged of approximately three well volumes prior to sampling for EPA Method 8260 VOCs and General Water Chemistry via API General Chemistry methods (including pH, TDS, cations/anions), all following sample handling and chain of custody protocols.

Steve Moskal

Environmental Coordinator


Leeper GC 1
(L) Sec 34 - T32N - R10W
API: 30-045-11142
Remedial Excavation
(Completed 5/30/2018)
MW-12
Proposed Additional Monitor Wells (TBD)
Blind Flange Installed 5/18/2018
MW-2
Leeper GC 1
Enterprise 4" Steel Pipeline
BP 6" Fiberglass Pipeline
Abandon SVE Lateral Installed around April 1999
TH-1
TH-2
TH-3
TH-3A
TH-4
TH-4A
TH-5
MW-13
Notes: Monitor wells MW-2, MW-12 and MW-13 are presently in place. Wells MW-12 and MW-13 recently sampled and tested ND on all U.S. EPA 8260 constituents. Additional monitor wells are to confirm completion of remedial activities.
Google earth
© 2018 Google
N
100 ft



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