

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

☒ Delineation Plan ☐ Final Report

| | |
|------------------------------------------------|---------------------------------|
| Name of Company: BP America Production Co. | Contact: Steve Moskal |
| Address: 380 Airport Road, Durango, CO 81303 | Telephone No.: 505-330-9179 |
| Facility Name: Gallegos Canyon Unit Com A 142E | Facility Type: Natural Gas Well |

| | | |
|--------------------|--------------------|--------------------|
| Surface Owner: Fee | Mineral Owner: Fee | API No. 3004526125 |
|--------------------|--------------------|--------------------|

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|------------------------|---------------------------|------------------------|------------------------|------------------|
| Unit Letter G | Section 25 | Township 29N | Range 12W | Feet from the 1,850 | North/South Line North | Feet from the 1,475 | East/West Line East | County: San Juan |
|------------------|---------------|-----------------|--------------|------------------------|---------------------------|------------------------|------------------------|------------------|

Latitude 36.69972°

Longitude -108.04646°

MAY 09 2018

NATURE OF RELEASE

DISTRICT III


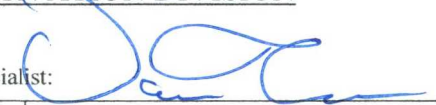
| | | |
|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------|
| Type of Release: Hydrocarbon – historic pit | Volume of Release: unknown | Volume Recovered: unknown |
| Source of Release: Separator/Blow pit - historical | Date and Hour of Occurrence: unknown | Date and Hour of Discovery: January 1996 |
| 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. * A historical discharge pit was noted in a 1996 pit closure. The pit was sampled with results above the pit closure standards as well as the spill and release guidelines. BP excavated the known soil impacts in 1996 and installed monitoring wells accordingly. Notification was made to the NMOCD at this time. During a BGT closures in June 2010 and May 2011, additional impacts were identified. BP installed several monitoring wells at those times.

Describe Area Affected and Cleanup Action Taken.* Attached is information regarding the above activities as well as recent groundwater monitoring data. To date, All known soil impacts have effectively been removed BP plans to further delineate the groundwater following the attached plan. Residual impacts are believed to be the source of the previous pipeline operators' dehy pit. Attached is a work plan to further delineate these impacts.

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: 5/14/2018 | Expiration Date: |
| E-mail Address: steven.moskal@bp.com | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date: April 5, 2018 | Phone: 505-330-9179 | |

* Attach Additional Sheets If Necessary

8260 Sample
Provide OGD 24-Hour
Notification prior to Sampling

BP Remediation Planning

To: Randy Bayliss, Cory Smith, Vanessa Fields (NMOCD)
From: Steve Moskal (BP)
Date: 4/5/2018
Re: Gallegos Canyon Unit Com A 142E – Groundwater Delineation Plan
API#30-045-26125 (G) S25, T29N, R12W; Lat. 36.699601, Long. -108.046495

The Gallegos Canyon Unit (GCU) Com A 142E 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 south of the intersection of County Road 5243 and US Highway 64. Depth to groundwater is anticipated to be ~12' bgs (below ground surface).

GROUNDWATER DELINEATION PLAN

BP proposes to advance 2 soil boring to a maximum of 30 feet bgs. 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 20' bgs to 10' bgs, in each soil boring with an attached 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 or its 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

GCU Com A 142E Well Install

AP# 30-045-26125
(G), S25, T29N, R12W

Legend

-  GCU COM A #142E Wellhead
-  Proposed MW Location

Proposed MW Location 

 Proposed MW Location

GCU COM A #142E 

Google Earth

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100 ft