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

Responsible Party: BP America Production Co

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	NRM2008344774
District RP	
Facility ID	
Application ID	

Initial & Final Spill Report

Release Notification

Responsible Party

OGRID: 778

Contact Name: Steve Moskal			Contact Telephone: (505) 330-9179				
Contact email: steven.moskal@bpx.com			Incident # (assigned by OCD) NRM2008344774				
Contact mai	ling address:	1199 Main St., S	Suite 101, Durang	go CO, 8	1301		
			Locatio	n of R	Release S	ource	
Latitude: 36.9	922040°		(NAD 83 in	decimal de	Longitude: egrees to 5 decir	-107.710337° mal places))
Site Name: J.	ACQUEZ #0	002S			Site Type: Natural Gas Production Well Pad		
Date Release	Discovered	: March 3, 2020			API#: 30-0)45-31905	
Unit Letter	Section	Township	Range		Cou	nty	
P	06	T31N	R08W	San	Juan	-	
Crude Oi		l(s) Released (Select :				justification for t	he volumes provided below) covered (bbls)
Produced		Volume Releas					covered (bbls): 4.5
Is the concentration of dissolved chloride produced water >10,000 mg/l?		e in the	Yes				
Condens	Condensate Volume Released (bbls):			Volume Recovered (bbls):			
Natural C	Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide units))	Volume/We	eight Recovered (provide units)			
Cause of Release of p		er caused from cr	acked gas elimin	ator on v	vater transfe	r line.	

Dana			00	
$Pa\alpha\rho$	٠,	01	r <	е
Luge	4	v_{I}	J	,

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
☐ Yes ☒ No	
	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? ith (cell phone – Voicemail) on October 14, 2019 at 2:00 PM
	Initial Response
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
The source of the rele	ase has been stopped.
The impacted area has	s been secured to protect human health and the environment.
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	coverable materials have been removed and managed appropriately.
If all the actions described	l above have <u>not</u> been undertaken, explain why:
	AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred
<u> </u>	t area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
regulations all operators are a public health or the environm failed to adequately investigated	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: <u>Steve Mo</u>	Skal Title: Environmental Coordinator
Signature:	Mesc Date: <u>March 12, 2020</u>
email: <u>steven.moskal@</u>	<u>bpx.com</u> Telephone: <u>(505) 330-9179</u>
OCD Only	
Received by:	Date:

Received by OCD: 3/17/2020 2:35:51 PM Form C-141 State of New Mexico
Page 3 Oil Conservation Division

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Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_>100(ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No	
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No	
Are the lateral extents of the release within a 100-year floodplain?		
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.		
Characterization Report Checklist: Each of the following items must be included in the report.		
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody		

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 3/17/2020 2:35:51 PM Form C-141 State of New Mexico Oil Conservation Division Page 4

	Page 4	of s	55

Incident ID

District RP Facility ID Application ID

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. Printed Name: <u>Steve Moskal</u> Title: <u>Environmental Coordinator</u> Signature: Date: Telephone: (505) 330-9179 email: steven.moskal@bpx,com OCD Only Received by: Date:

Received by OCD: 3/17/2020 2:35:51 PM Form C-141 State of New Mexico Page 5 Oil Conservation Division

	Page 5 of 39
Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.		
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation points ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 		
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.		
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.		
Extents of contamination must be fully delineated.		
Contamination does not cause an imminent risk to human health, the environment, or groundwater.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.		
Printed Name: Steve Moskal Title: Environmental Coordinator		
Signature: Date:		
email: <u>steven.moskal@bpx.com</u> Telephone: <u>(505) 330-9179</u>		
OCD Only		
Received by: Date:		
Approved		
Signature: Date:		

Received by OCD: 3/17/2020 2:35:51 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

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Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11	NMAC	
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
☐ Laboratory analyses of final sampling (Note: appropriate ODC D	District office must be notified 2 days prior to final sampling)	
Description of remediation activities		
and regulations all operators are required to report and/or file certain remay endanger public health or the environment. The acceptance of a constitution of the environment of a constitution of the environment. In addition, OCD acceptance of a Compliance with any other federal, state, or local laws and/or regulation restore, reclaim, and re-vegetate the impacted surface area to the conductor accordance with 19.15.29.13 NMAC including notification to the OCI Printed Name: Steve Moskal Title: En	C-141 report by the OCD does not relieve the operator of liability diate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ons. The responsible party acknowledges they must substantially itions that existed prior to the release or their final land use in	
Signature: Date: _	March 12, 2020	
email: <u>steven.moskal@bpx.com</u> Te	elephone: _(505) 330-9179	
OCD Only		
Received by:	Date:	
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.		
Closure Approved by: Long Rie	Date: 6/17/2020	
Printed Name: Cory Smith	Title: Environmental Specialist	

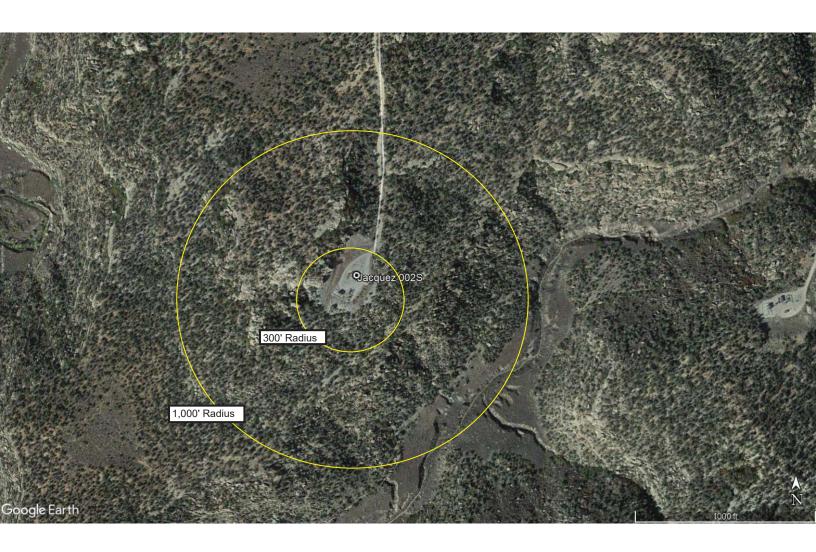
Based on the attached lab data and siting criteria, the release requires no further action. The area of the release will be amended with hydrocarbon enzymes and raked in place.

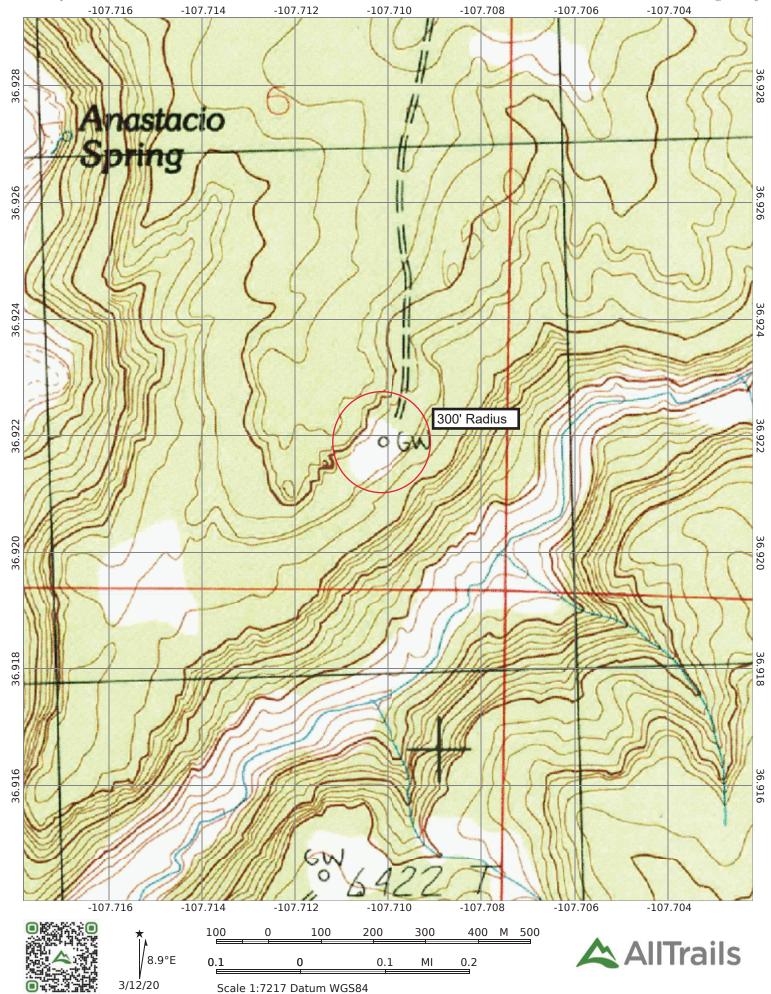
CLIENT: 3PX	P.O. BOX 87, BLC	INEERING, INC. OMFIELD, NM 874 632-1199	13	API #: _30 - 043 TANK ID (if applicble):	T- 31905
FIELD REPORT:	(circle one): BGT CONFIRMATION RE			PAGE #.	_ of(
SITE INFORMATION	: STENAME: JACQUEZ	0025		DATE STARTED: 3/	4/2020
QUAD/UNIT: P SEC: 6 TWP:	31N RNG BW PM: N	M CNTY: SJ ST:	NM	DATE FINISHED: 3	14/2020
1/4-1/4/FOOTAGE: 950 FSL × 8	15 FEL LEASE TYPE	FEDERAL/STATE/FEE/I	NDIAN	ENVIRONMENTAL	
LEASE # NMSF 078510	PROD. FORMATION: FC CONTI	RACTOR:		SPECIALIST(S):	JCB
REFERENCE POINT	: WELL HEAD (W.H.) GPS COX	ORD.: 36, 92204 × 10	7.71024	GL ELEV.:	6,486
1) RELEASE CENTER				RING FROM WH: 146 5	
2)	GPS COORD.:		DISTANCE/BEA	RING FROM W.H.:	
3)	GPS COORD.:		DISTANCE/BEA	RING FROM W.H.:	
4)	GPS COORD.:		DISTANCE/BEA	RING FROM W.H.:	
SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # OR LA	BUSED: ENVIROTECY			OVM READING
1) SAMPLEID: NE 5- pt Coup			is: TPI	/BTEX/CL	(ppm)
2) SAMPLEID: SW 5- pt Com					0.0
3) SAMPLE ID:					
4) SAMPLE ID:		SAMPLETIME: LABANALYS			
SOIL DESCRIPTION	CON THE CANTON THE CANTON	CRAYO AVIO AVIODADE IOTE			
COHESION (ALL OTHERS) NON COHESIVE SUIGHTLY CONSISTENCY (NON COHESIVE SOILS): LO MOISTURE: DRY / SLIGHTLY MOIST / MOIS	LOST INTEGRITY OF EQUIPMENT: VES	ION: Water Sixtura	NO EXPLAN	ution- Ferm 1	
OTHER:					
SOIL IMPACT DIMENSION ESTIMATION:				TION (Cubic Yards) :	
DEPTH TO GROUNDWATER: >(00 N	EAREST WATER SOURCE: >1000 NE	EAREST SURFACE WATER > 1000)_ NMOC	D TPH CLOSURE STD: 10	00/2500 ppm
SITE SKETCH	BGT Located: off / on site	PLOT PLAN circle: atta	ched OVM	CALIB. READ. =	ppm RF = 0.52
	(com)		N INE	CALIB. GAS = : anvlpm DATE MISCELL. N 10:	
	- NE	5-point comp	P	0#:	
	Re			K:	
(35)	XX TSEP		1 -	J#:	
	SEP	DOLLET COMP.	- T	a sum and and	
/	Sw 5	point comp.		ppm = parts per mil BGT Sidewalls Visible:	
RELEASE	FUTPAUT (35×6±)	0 20 40		BGT Sidewalls Visible:	Y/N;
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATIO	IN DEPRESSION; B.G. = BELOW GRADE; B = BELOW;	T.H. = TEST HOLE; ~= APPROX; W.H. = WELL		BGT Sidewalls Visible:	-
	OW-GRADE TANK LOCATION; SPD = SAMPLE POINT D : WALL; DW-DOUBLE WALL; SB - SINGLE BOTTOM; D		M	agnetic declination:	10° E
NOTES:		ONSITE:			











SITING AND HYDRO-GEOLOGICAL REPORT FOR JACQUEZ 001A

Siting Criteria 19.15.17.10 NMAC

Depth to groundwater at the site is estimated to be greater than 100 feet. This estimation is based on data from Stone and others (1983), and depth to groundwater data obtained from water wells permitted by the New Mexico State Engineer's Office (OSE, Figure 1). Local topography and proximity to adjacent water features is also considered. A topographic map of the site is provided as Figure 2 and demonstrates that the below grade tank (BGT) is not within 300 feet of any continuously flowing watercourse or within 200 feet of any other significant watercourse, lakebed, sinkhole or playa lake as measured from the ordinary high water mark. Figure 3 demonstrates that the BGT is not within 300 feet of a permanent residence, school, hospital, institution or church. Figure 4 demonstrates, based on a search of the OSE database and USGS topographic maps, that there are no freshwater wells or springs within 1000 feet of the BGT. Figure 5 demonstrates that the BGT is not within a municipal boundary or a defined municipal freshwater well field. Figure 6 demonstrates that the BGT is not within 500 feet of a wetland. Figure 7 demonstrates that the BGT is not in an area overlying a subsurface mine. The BGT is not located in an unstable area. Figure 8 demonstrates that the BGT is not within the mapped FEMA 100-year floodplain.

Local Geology and Hydrology

This particular site is located on a mesa in between Arena and Rattlesnake Canyons, both tributaries of Pump Canyon. The elevation of the site is hundreds of feet higher than Pump Canyon. Regional topography of Pump Canyon is composed of mesas dissected by deep, narrow canyons and arroyos. The more resistant cliff-forming sandstones of the San Jose Formation cap the interbedded siltstones, shales and sandstones of the Nacimiento Formation. Accumulations of talus and eroded sands at the base of canyon walls form steep to gentle slopes that transition into flat-bottomed arroyos within the canyons. Deposits of Quaternary alluvial and eolian sands occur prominently near the surface of Pump Canyon, especially near streams and washes.

Regional Geology and Hydrology

The San Juan Basin is situated in the Navajo section of the Colorado Plateau and is characterized by broad open valleys, mesas, buttes and hogbacks. Away from major valleys and canyons topographic relief is generally low. Native vegetation is sparse and shrubby. Drainage is mainly by the San Juan River, the only permanent stream in the Navajo Section of the Colorado Plateau. The San Juan River is a tributary of the Colorado River. Major tributaries include the Animas, Chaco and La Plata Rivers. Flow of the San Juan River across the basin is regulated by the Navajo Dam, located about 30 miles northeast of Farmington, New Mexico. The climate is arid to semiarid with an average annual precipitation of 8 to 10 inches. Soils within the basin consist of weathered parent rock derived from predominantly physical means mostly from eolian depositional system with fluvial having a lesser impact.

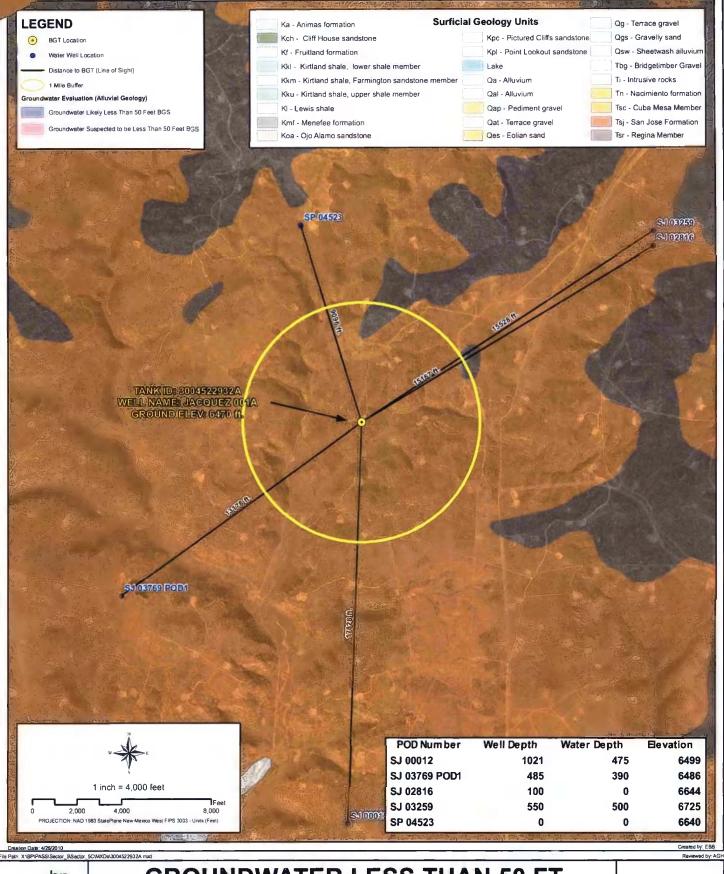
Cretaceous and Tertiary sandstones, as well as Quaternary Alluvial deposits, serve as the primary aquifers in the San Juan Basin (Stone et al., 1983). The San Jose Formation of Eocene age

occurs in both New Mexico and Colorado, and its outcrop forms the land surface over much of the eastern half of the central basin. It overlies the Nacimiento Formation in the area generally south of the Colorado-New Mexico border and overlies the Animas Formation in the general area north of the State Line. The San Jose Formation was deposited in various fluvial-type environments. In general, the unit consists of an interbedded sequence of sandstone, siltstone, and shale. Thickness of the San Jose Formation increases from west to east. Groundwater is associated with alluvial and fluvial sandstone aquifers. The occurrence of groundwater is mainly controlled by distribution of sandstone in the formation. The reported or measured discharge from numerous water wells completed in the formation range from 0.15 to 61 gallons per minute (gpm) and with a median of 5 gpm. Most of the wells provide water for livestock and domestic purposes. The formation is suitable for recharge from precipitation due to overlying soils being sandy, highly permeable and absorbent. Low annual precipitation, relatively high transpiration and evaporation rates and deep dissection of the formation by the San Juan River and its main tributaries all tend to reduce the effective recharge to the formation. Aquifers within the coarser and continuous sandstone bodies of the Nacimiento Formation of Paleocene age are between 0 and 1000 feet deep in the majority of the basin as well (Stone et al., 1983).

References

Circular 154—Guidebook to coal geology of northwest New Mexico By E. C. Beaumont, J. W. Shomaker, W. J. Stone, and others, 1976

Stone, et al., 1983, Hydrogeology and Water Resources of the San Juan Basin, New Mexico, Socorro, New Mexico Bureau of Mines and Mineral Resources Hydrologic Report 6, 70 p.





GROUNDWATER LESS THAN 50 FT.

WELL NAME: JACQUEZ 001A

API NUMBER: 3004522932 TANK ID: 3004522932A SECTION 6, TOWNSHIP 31.0N, RANGE 08W, P.M. NM23

FIGURE



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

X

SJ 03769 POD1

2 14 31N 09W

255236 4087366

Driller License:

717

Driller Company: WESTERN WATER WELLS

Driller Name: HOOD, TERRY

Drill Start Date:

4.50

11/25/2006

Drill Finish Date:

11/28/2006 Plug Date:

Shallow

Log File Date: **Pump Type:**

11/30/2006

PCW Rcv Date: Pipe Discharge Size:

Source: **Estimated Yield:**

3 GPM

Casing Size:

Depth Well:

485 feet

Depth Water:

390 feet

Water Bearing Stratifications:

Top **Bottom Description** 395

Sandstone/Gravel/Conglomerate

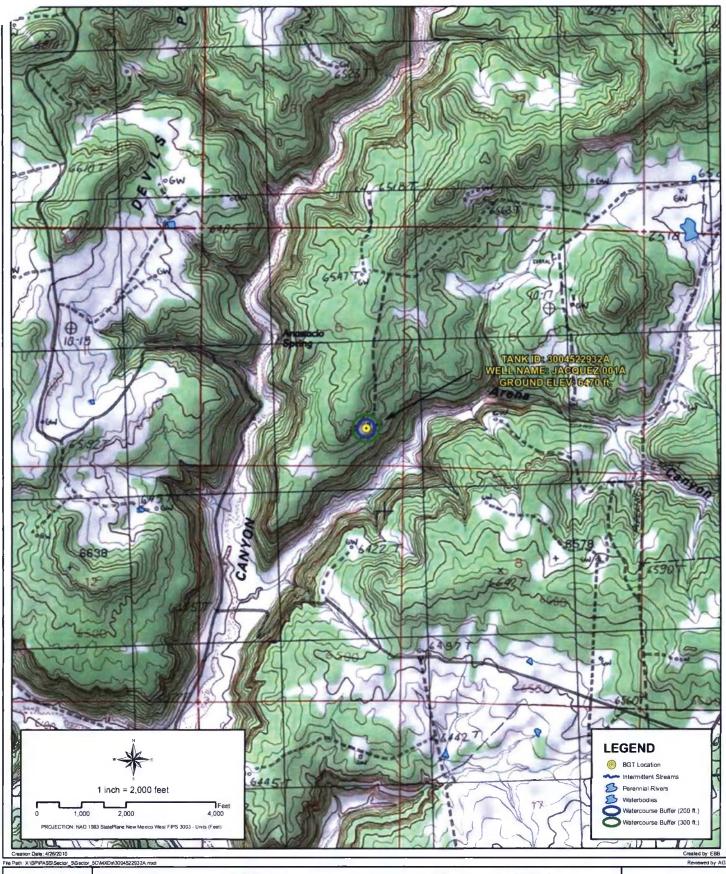
Casing Perforations:

Top **Bottom** 385 485

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

3/12/20 12:12 PM

POINT OF DIVERSION SUMMARY



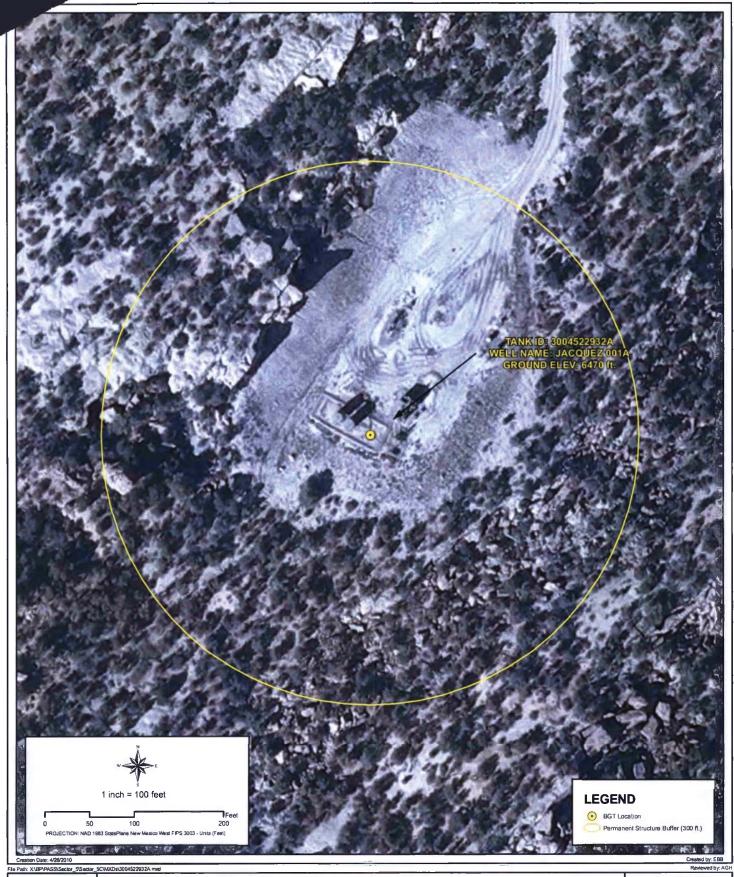
PROXIMITY TO WATERCOURSES

WELL NAME: JACQUEZ 001A

API NUMBER: 3004522932 TANK ID: 3004522932A SECTION 6, TOWNSHIP 31.0N, RANGE 08W, P.M. NM23

FIGURE

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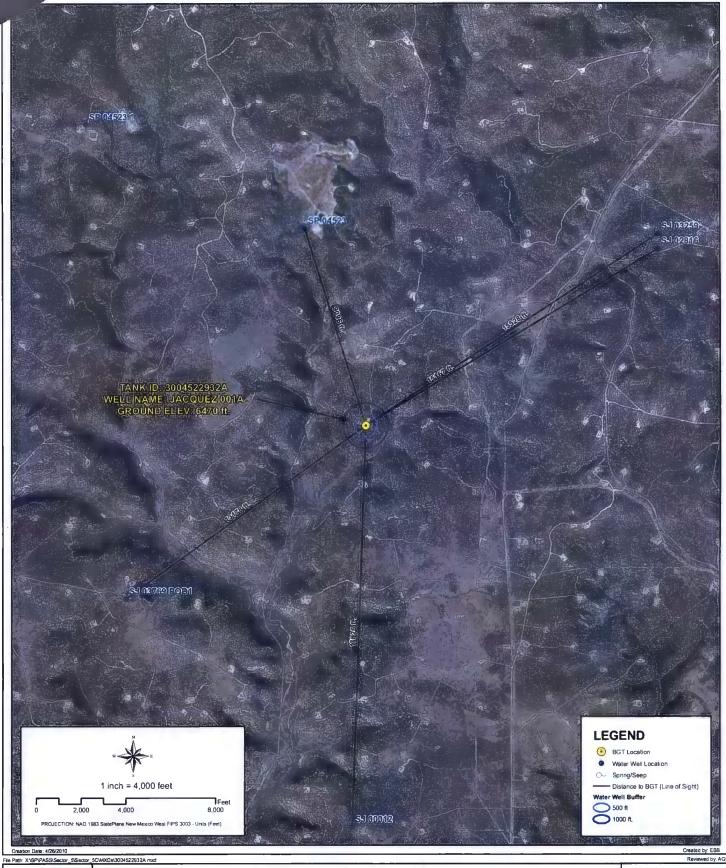
bp

PROXIMITY TO PERMANENT STRUCTURE

WELL NAME: JACQUEZ 001A

API NUMBER: 3004522932 TANK ID: 3004522932A SECTION 6, TOWNSHIP 31.0N, RANGE 08W, P.M. NM23

FIGURE

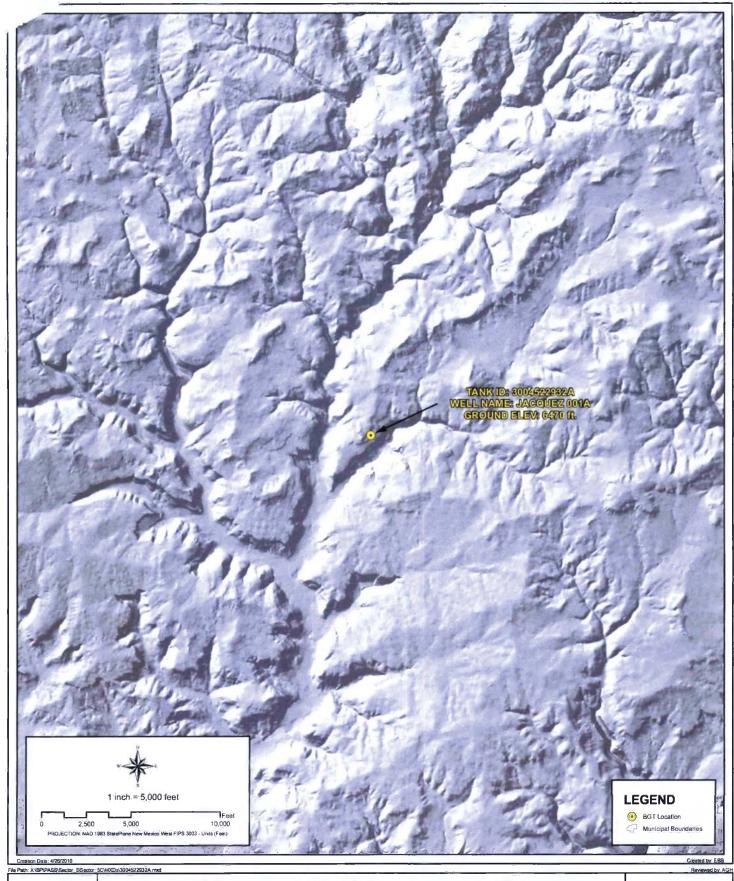


PROXIMITY TO WATER WELLS

WELL NAME: JACQUEZ 001A

API NUMBER: 3004522932 TANK ID: 3004522932A SECTION 6, TOWNSHIP 31.0N, RANGE 08W, P.M. NM23

FIGURE



PROXIMITY TO MUNICIPAL BOUNDARY

WELL NAME: JACQUEZ 001A

API NUMBER: 3004522932 TANK ID: 3004522932A SECTION 6, TOWNSHIP 31.0N, RANGE 08W, P.M. NM23

FIGURE



PROXIMITY TO WETLANDS

WELL NAME: JACQUEZ 001A

API NUMBER: 3004522932 TANK ID: 3004522932A SECTION 6, TOWNSHIP 31.0N, RANGE 08W, P.M. NM23

FIGURE



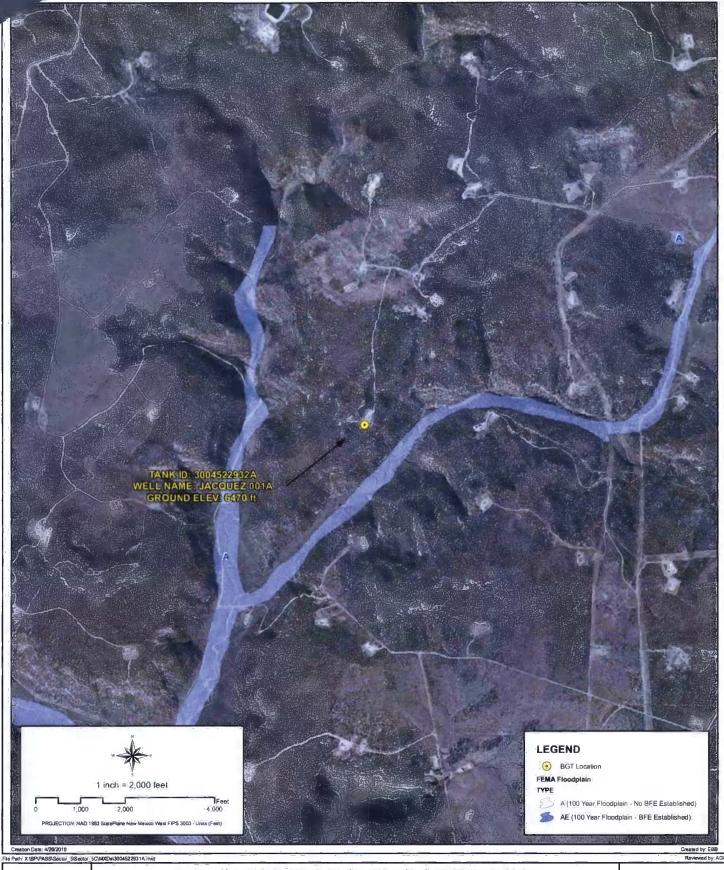


PROXIMITY TO SUBSURFACE MINES

WELL NAME: JACQUEZ 001A

API NUMBER: 3004522932 TANK ID: 3004522932A **SECTION 6, TOWNSHIP 31.0N, RANGE 08W, P.M.NM23**

FIGURE



PROXIMITY TO FLOODPLAIN

WELL NAME: JACQUEZ 001A

API NUMBER: 3004522932 TANK ID: 3004522932A SECTION 6, TOWNSHIP 31.0N, RANGE 08W, P.M. NM23

FIGURE

SOUTHERN SAN JUAN BASIN (SSJB)

Figure Citation List March 2010

Figure 1: Groundwater Less Than 50 ft.

Layers:

Water Wells: iWaters Database: NMOSE/ISC (Dec. 2009)

New Mexico Office of the State Engineer (OSE) /ISC iWaters database. (Data updated: 12/2009. Data received: 03/09/2010). Data available from: http://www.ose.state.nm.us/waters db index.html.

Cathodic Wells:

Tierra Corrosion Control, Inc. (Aug. 2008)

Tierra Corrosion Control, Inc. 1700 Schofield Ln. Farmington, NM 87401. Driller's Data Log. (Data collected: All data are associated with cathodic protection wells installed at BP facilities between 2008-2009. Data received: 05/06/2010).

Hydrogeological Evaluation:

Wright Water Engineers, Inc. (2008)

Evaluation completed by Wright Water Engineers, Inc. Durango Office. Data created using digital statewide geology at 1:500,000 from USGS in combination with 10m Digital Elevation Model (DEM) from NRCS. (Data compiled: 2008.)

Results: Spatial Polygons representing "Groundwater likely to be less than 50 ft." and "Groundwater suspected to be less than 50 ft.".

Surficial Geology:

USGS (1963/1987)

Data digitized and rectified by Geospatial Consultants. (Data digitized: 03/23/2010). Original hard copy maps sourced from United States Geological Survey (USGS). Data available from: http://pubs.er.usgs.gov/.

Geology, Structure and Uranium Deposits of the Shiprock Quadrangle, New Mexico and Arizonia. 4:250,000. I - 345. Compiled by Robert B. O'Sullivan and Helen M. Beikman. 1963.

Geologic Map of the Aztec 1 x 2 Quadrangle, Northwestern New Mexico and Southern Colorado. 1:250,000. I - 1730. Compiled by Kim Manley, Glenn R. Scott, and Reinhard A. Wobus. 1987.

Aerial Imagery:

Conoco (Summer 2009)

ConocoPhillips Company. (Flown: Summer 2009). 12 in. High Resolution Orthoimagery. Projected coordinate system name:

NAD_1983_StatePlane_New_Mexico_West_FIPS_3003_Feet.

Provided as tiled tiff images and indexed using polygon index layer.

Figure 2: Proximity to Watercourses

Layers:

Perennial Streams:

NHD, USGS (2010)

National Hydrography Dataset (NHD). U.S. Geological Survey. (Data last updated: 02/19/2010. Data received: 03/09/2010). High-resolution: 1:24,000. Digital Representation of USGS 24k Topographic map series with field updates as required. Data available from: http://nhd.usgs.gov/.

Intermittent Streams:

NHD, USGS (2010)

National Hydrography Dataset (NHD). U.S. Geological Survey. (Data last updated: 02/19/2010. Data received: 03/09/2010). High-resolution: 4:24,000. Digital Representation of USGS 24k Topographic map series with field updates as required. Data available from: http://nhd.usgs.gov/.

Water Bodies:

NHD, USGS (2010)

National Hydrography Dataset (NHD). U.S. Geological Survey. (Data last updated: 02/19/2010. Data received: 03/09/2010). High-resolution: 1:24,000. Digital representation of USGS 24k Topographic map series with field updates as required. Data available from: http://nhd.usgs.gov/.

USGS Topographic Maps:

USGS (2007)

USGS 24k Topographic map series. 1:24000. Maps are seamless, scanned images of USGS paper topographic maps. Data available from: http://store.usgs.gov.

Figure 3: Proximity to Permanent Structure

Layers:

Aerial Imagery:

Conoco (Summer 2009)

ConocoPhillips Company. (Flown: Summer 2009). 12 in. High Resolution Orthoimagery. Projected coordinate system name:

NAD, 1083, State Plane, New Marine, West FIRE, 2003, Feet.

 $NAD_1983_StatePlane_New_Mexico_West_FIPS_3003_Feet.$

Provided as tiled .tiff images and indexed using polygon index layer.

Figure 4: Proximity to Water Wells

Layers:

Water Wells: iWaters Database: NMOSE/ISC (Dec. 2009)

New Mexico Office of the State Engineer (OSE) /ISC iWaters database. (Data updated: 12/2009. Data received: 03/09/2010). Data available from: http://www.ose.state.nm.us/waters_db_index.html.

Springs/Seeps: NHD, USGS (2010)

National Hydrography Dataset (NHD). U.S. Geological Survey. (Data last updated: 02/19/2010. Data received: 03/09/2010). High-resolution: 1:24,000. Digital representation of USGS 24k Topographic map series with field updates as required. Data available from: http://nhd.usgs.gov/.

Aerial Imagery: Conoco (Summer 2009)

ConocoPhillips Company. (Flown: Summer 2009). 12 in. High Resolution Orthoimagery. Projected coordinate system name:

NAD_1983_StatePlane_New_Mexico_West_FIPS_3003_Feet.

Provided as tiled .tiff images and indexed using polygon index layer.

Figure 5: Proximity to Municipal Boundary

Layers:

Municipal Boundary: San Juan County, New Mexico (2010)

Data provided by San Juan County GIS Division. (Data received: 03/25/2010).

Shaded Relief: NED, USGS (1999)

National Elevation Dataset (NED). U.S. Geological Survey, EROS Data Center. (Data created: 1999. Data downloaded: April, 2010). Resolution: 10 meter (1/3 arc-second). Data available from: http://ned.usgs.gov/.

StreetMap North America: Tele Atlas North America, Inc., ESRI (2008)

Data derived from Tele Atlas Dynamap/Transportation North America, version 5.2. (Data updated: annually. Data series issue: 2008).

Figure 6: Proximity to Wetlands

Layers:

Wetlands:

NWI (2010)

National Wetlands Inventory (NWI). U.S Fish and Wildlife Service. (Data last updated: 09/25/2009. Data received: 03/21/2010). Data available from: http://www.fws.gov/wetlands/.

Aerial Imagery:

Conoco (Summer 2009)

ConocoPhillips Company. (Flown: Summer 2009). 12 in. High Resolution Orthoimagery. Projected coordinate system name:

NAD_1983_StatePlane_New_Mexico_West_FIPS_3003_Feet.

Provided as tiled .tiff images and indexed using polygon index layer.

Figure 7: Proximity to Subsurface Mine

Layers:

Subsurface Mine:

NM Mining and Minerals Division (2010)

New Mexico Mining and Minerals Division. (Data received: 03/12/2010). Contact: Susan Lucas Kamat, Geologist. Provided PLSS NM locations (Sections) for the two subsurface mines located in San Juan and Rio Arriba counties.

Aerial Imagery:

Conoco (Summer 2009)

ConocoPhillips Company. (Flown: Summer 2009). 12 in. High Resolution Orthoimagery. Projected coordinate system name:

NAD_1983_StatePlane_New_Mexico_West_FIPS_3003_Feet.

Provided as tiled .tiff images and indexed using polygon index layer.

Figure 8: Proximity to FEMA Floodplain

Layers:

FEMA Floodplain:

FEMA (varying years)

Data digitized and rectified by Wright Water Engineers, Inc. (Data digitized: August 2008). Digitized from hard copy Flood Insurance Rate Maps (FIRMs) (varying years) of San Juan County.

Aerial Imagery:

Conoco (Summer 2009)

ConocoPhillips Company. (Flown: Summer 2009). 12 in. High Resolution Orthoimagery.

Projected coordinate system name:

NAD_1983_StatePlane_New_Mexico_West_FIPS_3003_Feet.

Provided as tiled .tiff images and indexed using polygon index layer.

Figure Citation List: Page 5 of 5

Steven Moskal

From:

Smith, Cory, EMNRD < Cory. Smith@state.nm.us>

Sent:

Thursday, March 5, 2020 7:26 AM

To:

Steven Moskal

Cc:

Blagg, Jefferey

Subject:

RE: Jacquez 002S and Jacquez 002 Spill Sampling

Follow Up Flag:

Follow up

Flag Status:

Flagged

Steve,

OCD approves the sampling. Please include this approval in your final reports.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

From: Steven Moskal <Steven.Moskal@BPX.COM>

Sent: Wednesday, March 4, 2020 2:10 PM

To: Smith, Cory, EMNRD < Cory. Smith@state.nm.us>

Cc: Blagg, Jefferey <jeffcblagg@aol.com>

Subject: [EXT] Jacquez 002S and Jacquez 002 Spill Sampling

Cory,

I had called earlier to discuss sampling the spills for potential closure.

The produced water release at the Jacquez 002S was discovered yesterday and measures approximately 35'x6'x2" deep with 1-2" of standing water, totaling 6.7 bbls. All water remained in pad. Approximately 4.5 bbls of water was recovered. API 03-045-31905. I propose to collect 2-5 point samples from this area at 0-3" depths to assess the impacts and for potential closure.

Today, at the Jacquez 002, a similar produced water spill was discovered measuring 11'x34'x2.5" deep and 2" of standing water. The release is estimated to be 11 bbls total. I propose the same 2-5 point composite samples with 0-3" depths to determine the impacts and for potential closure. API 30-045-27522.

I will try your phone once again. Jeff Blagg is currently in the field on site.

Steve Moskal Environmental Coordinator BP - West Business Unit (505) 330-9179



Analytical Report

Report Summary

Client: BP America Production Co.

Samples Received: 3/4/2020 Job Number: 03143-0424 Work Order: P003021

Project Name/Location: Jacquez 002S

Report Reviewed By:	Waltet Honkinson	Date:	3/11/20	

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise. Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported. Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

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Ph (505) 632-0615 Fx (505) 632-1865



BP America Production Co. PO Box 22024

Tulsa OK, 74121-2024

Project Name:

Jacquez 002S

Project Number: Project Manager: 03143-0424 Steve Moskal

Reported: 03/11/20 11:48

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
NE 5-Point Comp.	P003021-01A	Soil	03/04/20	03/04/20	Glass Jar, 4 oz.
SW 5-Point Comp.	P003021-02A	Soil	03/04/20	03/04/20	Glass Jar, 4 oz.

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Labadmin@envirotech-inc.com

envirotech-inc.com



Project Name:

Jacquez 002S

PO Box 22024 Tulsa OK, 74121-2024 Project Number: 03143-0424 Project Manager: Steve Moskal

Reported: 03/11/20 11:48

NE 5-Point Comp. P003021-01 (Solid)

		1 0050	21-01 (30110	1)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		106 %	50-15	50	2010030	03/06/20	03/06/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO	/ORO								
Diesel Range Organics (C10-C28)	98.1	25.0	mg/kg	1	2011003	03/09/20	03/09/20	EPA 8015D	
Oil Range Organics (C28-C40)	359	50.0	mg/kg	1	2011003	03/09/20	03/09/20	EPA 8015D	
Surrogate: n-Nonane		105 %	50-20	00	2011003	03/09/20	03/09/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	50-15	50	2010030	03/06/20	03/06/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	362	20.0	mg/kg	1	2010036	03/06/20	03/09/20	EPA 300.0/9056A	

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Project Name:

Jacquez 002S

PO Box 22024 Tulsa OK, 74121-2024 Project Number: 03143-0424 Project Manager: Steve Moskal

Reported: 03/11/20 11:48

SW 5-Point Comp. P003021-02 (Solid)

		1 0030	21-02 (Sunc	1)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		106 %	50-15	50	2010030	03/06/20	03/06/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO	/ORO								
Diesel Range Organics (C10-C28)	66.6	25.0	mg/kg	1	2011003	03/09/20	03/09/20	EPA 8015D	
Oil Range Organics (C28-C40)	185	50.0	mg/kg	1	2011003	03/09/20	03/09/20	EPA 8015D	
Surrogate: n-Nonane		89.3 %	50-20	00	2011003	03/09/20	03/09/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO)								
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	50-15	50	2010030	03/06/20	03/06/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	342	20.0	mg/kg	I	2010036	03/06/20	03/09/20	EPA 300.0/9056A	

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Project Name:

Jacquez 002S

PO Box 22024 Project Number: Tulsa OK, 74121-2024 Project Manager: 03143-0424 Steve Moskal

Reported: 03/11/20 11:48

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2010030 - Purge and Trap EPA 5030A										
Blank (2010030-BLK1)				Prepared: (03/06/20 0 A	Analyzed: (03/06/20 1			
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	8.32		"	8.00		104	50-150			
LCS (2010030-BS1)				Prepared: (03/06/20 0 A	Analyzed: (03/06/20 1			
Benzene	4.74	0.0250	mg/kg	5.00		94.7	70-130			
Toluene	4.74	0.0250	"	5.00		94.9	70-130			
Ethylbenzene	4.72	0.0250	"	5.00		94.5	70-130			
p,m-Xylene	9.45	0.0500	"	10.0		94.5	70-130			
o-Xylene	4.78	0.0250	"	5.00		95.5	70-130			
Total Xylenes	14.2	0.0250	"	15.0		94.9	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.56		"	8.00		107	50-150			
Matrix Spike (2010030-MS1)	Sour	ce: P003020-	01	Prepared: (03/06/20 0 A	Analyzed: (03/06/20 1			
Benzene	4.44	0.0250	mg/kg	5.00	0.0901	86.9	54.3-133			
Toluene	5.15	0.0250	"	5.00	0.373	95.4	61.4-130			
Ethylbenzene	6.13	0.0250	"	5.00	1.08	101	61.4-133			
p,m-Xylene	15.9	0.0500	"	10.0	4.96	110	63.3-131			
o-Xylene	7.66	0.0250	"	5.00	1.97	114	63.3-131			
Total Xylenes	23.6	0.0250	"	15.0	6.93	111	0-200			
Surrogate: 4-Bromochlorobenzene-PID	9.53		"	8.00		119	50-150			
Matrix Spike Dup (2010030-MSD1)	Sour	ce: P003020-	01	Prepared: (03/06/20 0 A	Analyzed: (03/06/20 1			
Benzene	4.50	0.0250	mg/kg	5.00	0.0901	88.2	54.3-133	1.45	20	
Toluene	5.29	0.0250	"	5.00	0.373	98.4	61.4-130	2.80	20	
Ethylbenzene	6.39	0.0250	"	5.00	1.08	106	61.4-133	4.14	20	
p,m-Xylene	17.0	0.0500	"	10.0	4.96	121	63.3-131	6.65	20	
o-Xylene	8.18	0.0250	"	5.00	1.97	124	63.3-131	6.58	20	
Total Xylenes	25.2	0.0250	"	15.0	6.93	122	0-200	6.63	200	
Surrogate: 4-Bromochlorobenzene-PID	9.53		"	8.00		119	50-150			

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Project Name:

Jacquez 002S

PO Box 22024 Tulsa OK, 74121-2024

Project Number: 03143-0424 Project Manager: Steve Moskal

Reported: 03/11/20 11:48

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
			Prepared &	Analyzed:	03/09/20 1				
ND	25.0	mg/kg							
ND	50.0	"							
43.8		"	50.0		87.7	50-200			
			Prepared &	Analyzed:	03/09/20 1				
413	25.0	mg/kg	500		82.6	38-132			
44.7		"	50.0		89.4	50-200			
Sou	rce: P003033-	01	Prepared &	Analyzed:	03/09/20 1				
848	50.0	mg/kg	500	379	93.8	38-132			
53.4		"	50.0		107	50-200			
Sou	rce: P003033-	01	Prepared &	Analyzed:	03/09/20 1				
847	50.0	mg/kg	500	379	93.6	38-132	0.130	20	
55.5		"	50.0		111	50-200			
	ND ND 43.8 413 44.7 Sou: 848 53.4 Sou: 847	ND 25.0 ND 50.0 43.8 413 25.0 44.7 Source: P003033- 848 50.0 53.4 Source: P003033- 847 50.0	ND 25.0 mg/kg ND 50.0 "	Result Limit Units Level	Result Limit Units Level Result Prepared & Analyzed: ND 25.0 mg/kg 50.0 43.8 " 50.0 9 413 25.0 mg/kg 500 44.7 " 50.0 Source: P003033-01 Prepared & Analyzed: 848 50.0 mg/kg 500 379 53.4 " 50.0 Prepared & Analyzed: 847 50.0 mg/kg 500 379	Result Limit Units Level Result %REC Prepared & Analyzed: 03/09/20 1 ND 25.0 mg/kg mg/kg<	Result Limit Units Level Result %REC Limits Prepared & Analyzed: 03/09/20 1 ND 25.0 mg/kg Mg/kg	Result Limit Units Level Result %REC Limits RPD Prepared & Analyzed: 03/09/20 1 ND 25.0 mg/kg 87.7 50-200 ND 50.0 87.7 50-200 Prepared & Analyzed: 03/09/20 1 413 25.0 mg/kg 500 82.6 38-132 44.7 " 50.0 89.4 50-200 Source: P003033-01 Prepared & Analyzed: 03/09/20 1 848 50.0 mg/kg 500 379 93.8 38-132 53.4 " 50.0 107 50-200 Source: P003033-01 Prepared & Analyzed: 03/09/20 1 847 50.0 mg/kg 500 379 93.6 38-132 0.130	Result Limit Units Level Result %REC Limits RPD Limit Prepared & Analyzed: 03/09/20 1 ND 25.0 mg/kg 87.7 50-200 Prepared & Analyzed: 03/09/20 1 413 25.0 mg/kg 500 82.6 38-132 44.7 " 50.0 89.4 50-200 Source: P003033-01 Prepared & Analyzed: 03/09/20 1 848 50.0 mg/kg 500 379 93.8 38-132 53.4 " 50.0 107 50-200 Source: P003033-01 Prepared & Analyzed: 03/09/20 1 847 50.0 mg/kg 500 379 93.6 38-132 0.130 20

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Project Name:

Reporting

Jacquez 002S

Spike

Source

%REC

PO Box 22024 Tulsa OK, 74121-2024

Project Number: 03143-0424 Project Manager: Steve Moskal Reported:

03/11/20 11:48

RPD

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

				~ [~ ~ ~ ~ ~ ~		,			
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2010030 - Purge and Trap EPA 5030A										
Blank (2010030-BLK1)				Prepared: (03/06/20 0	Analyzed: 0	3/06/20 1			
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		"	8.00		94.6	50-150			
LCS (2010030-BS2)				Prepared: (03/06/20 0	Analyzed: 0	3/06/20 1			
Gasoline Range Organics (C6-C10)	47.3	20.0	mg/kg	50.0		94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		"	8.00		94.7	50-150			
Matrix Spike (2010030-MS2)	Sour	ce: P003020-	01	Prepared: (03/06/20 0	Analyzed: 0	3/06/20 1			
Gasoline Range Organics (C6-C10)	215	20.0	mg/kg	50.0	121	189	70-130			M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.85		"	8.00		111	50-150			
Matrix Spike Dup (2010030-MSD2)	Sour	ce: P003020-	01	Prepared: (03/06/20 0	Analyzed: 0	3/06/20 2			
Gasoline Range Organics (C6-C10)	234	20.0	mg/kg	50.0	121	227	70-130	8.30	20	M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.88		"	8.00		111	50-150			

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PO Box 22024

Project Name:

Reporting

Jacquez 002S

Spike

Source

%REC

Tulsa OK, 74121-2024

Project Number: 03143-0424 Project Manager: Steve Moskal

Reported: 03/11/20 11:48

RPD

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2010036 - Anion Extraction EPA 300	.0/9056A									
Blank (2010036-BLK1)				Prepared: (03/06/20 1 /	Analyzed: 0	3/09/20 1			
Chloride	ND	20.0	mg/kg							
LCS (2010036-BS1)				Prepared: (03/06/20 1 /	Analyzed: 0	3/09/20 1			
Chloride	251	20.0	mg/kg	250		100	90-110			
Matrix Spike (2010036-MS1)	Source	e: P003021-	01	Prepared: (03/06/20 1 /	Analyzed: 0	3/09/20 1			
Chloride	609	20.0	mg/kg	250	362	98.6	80-120			
Matrix Spike Dup (2010036-MSD1)	Source	e: P003021-	01	Prepared: (03/06/20 1	Analyzed: 0	3/09/20 1			
Chloride	627	20.0	mg/kg	250	362	106	80-120	2.88	20	

QC Summary Report

Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values my differ slightly.

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BP America Production Co. Project Name: Jacquez 002S

PO Box 22024 Project Number: 03143-0424 Reported: Tulsa OK, 74121-2024 Project Manager: Steve Moskal 03/11/20 11:48

Notes and Definitions

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

Analyte NOT DETECTED at or above the reporting limit ND

Not Reported NR

RPD Relative Percent Difference

Methods marked with ** are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Client:		ENERGY			183	Report Atten			A COL	L	ab U	se Or	nly	STATE	SET I	TA	T	E	PA Progra	m
Project:		UEZ C				Report due by: STANDARD		Lab	WO#	†	e Vice	Job	Num	ber		1D	3D	RCRA	CWA	SDWA
	Manager:	STEVE	MOSEAL		7.03	Attention: STEVE MOSKAL/	JEFF BLACE		P003021			03143-0424			124					
Address:						Address:				1120		Analy	ysis a	nd M	ethod				Sta	the later was a second
City, Sta	te, Zip					City, State, Zip													NW CO	UT A
Phone:						Phone:		215	315								- 1		X	
Email:						Email:		by 8(by 8(021	09	10	0.00	۵					TX OK	
Time	Date		No		1429		Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	6010 Total P						
Sampled	Sampled	Matrix	Containers	Sample II	0		Number	DRO	GRO	BTEX	VOC	Meta	Chlo	6010					Ren	arks
1405	3/4/2020	SOIL	1	NE	5-Por	NT COMP.	1	X	X	X			X							
1410	И	10	1	SW	5 - Po	NT COMP	2	x	X	×			X							
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			-														4			
Addition	al Instruc	tions:	BKL B	Px 14 2	170 6	P.O.														
			authenticity o	f this sample. I	am aware that	tampering with or intentionally mislabelling th	e sample location, date or												he day they are sa	
				ds for legal actio			Date		Time			100000000000000000000000000000000000000						200000000000000000000000000000000000000		
4.J.	ed by: (Sign:	ature)	3/	1/2020	1100	7 Received by: (Signature)	3/4/2	_	-CAULAN	:07	,	Rece				(V)		Only		
	ed by: (Sign		Date	7 0000	Time	Received by: (Signature) Received by: (Signature)	Date	0	Time	104	_	Rece	eivec	On I	ce.	A	/ IN			
												T1				T2			T3	
Relinquish	ed by: (Sign	ature)	Date	2	Time	Received by: (Signature)	Date		Time			AVG	Tem	o° ai	- 4					
Sample Mat	rix: S - Soil, So	d - Solid, Sg -	Sludge, A -	Aqueous, O - C	Other		Containe	Туре	e: g - s	glass.							, v - \	/OA		

Ph (505) 632-1881 Fx (505) 632-1865

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