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

NMOCD
JUN 06 2018
DISTRICT III

Form C-141
Revised April 3, 2017

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 Company	Contact Erin Garifalos
Address 200 Energy Court, Farmington, NM 87401	Telephone No. (832) 609-7048
Facility Name PUMP CANYON WATER TRANSFER	Facility Type: Natural Gas Well

Surface Owner: Federal	Mineral Owner: Federal	API No. PLA02123109

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	12	30N	09W		NA		NA	San Juan

Latitude 36.818743 Longitude -107.728568 NAD83

NATURE OF RELEASE

Type of Release:: none	Volume of Release:: unknown	Volume Recovered:: N/A
Source of Release: below grade tank - 95 bbl	Date and Hour of Occurrence: n/a	Date and Hour of Discovery: n/a
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.* Sampling of the soil beneath the BGT was done during removal. Soil analysis resulted for Chlorides, BTEX, and TPH below BGT closure standards, except TPH. The release is below regulatory standards therefore no further action necessary. Field reports and laboratory results are attached.

Describe Area Affected and Cleanup Action Taken.* No action necessary. Final laboratory analysis determined no remedial action is required.

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: erin garifalos	OIL CONSERVATION DIVISION
Printed Name: Erin Garifalos	Approved by Environmental Specialist:
Title: Field Environmental Coordinator	Approval Date: / Expiration Date:
E-mail Address: erin.garifalos@bp.com	Conditions of Approval: / Attached ☐
Date: June 1, 2018 Phone: (832) 609-7048	

* Attach Additional Sheets If Necessary

16

CLIENT: BP

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

APP #: PLA02123109
TANK ID (if applicble): C

FIELD REPORT:

(circle one): BGT CONFIRMATION / RELEASE INVESTIGATION / OTHER:

PAGE #: 1 of 1

SITE INFORMATION:

SITE NAME: PUMP CANYON WATER TRANSFER

QUAD/UNIT: O SEC: 12 TWP: 30N RNG: 9W PM: NM CNTY: SJ ST: NM

1/4 -1/4/FOOTAGE: SW/SE LEASE TYPE: FEDERAL / STATE / FEE / INDIAN

LEASE #: - PROD. FORMATION: NA CONTRACTOR: STRIKE BP - J. GONZALES

DATE STARTED: 04/05/18

DATE FINISHED:

ENVIRONMENTAL SPECIALIST(S): NJV

REFERENCE POINT:

WELL HEAD (W.H.) GPS COORD.: NA GL ELEV.: 5,841'

1) 95 BGT (SW/SB) - C GPS COORD.: 36.818743 X 107.728568 DISTANCE/BEARING FROM W.H.: NA

2) GPS COORD.: DISTANCE/BEARING FROM W.H.:

3) GPS COORD.: DISTANCE/BEARING FROM W.H.:

4) GPS COORD.: DISTANCE/BEARING FROM W.H.:

SAMPLING DATA:

CHAIN OF CUSTODY RECORD(S) # OR LAB USED: HALL

	SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME:	LAB ANALYSIS:	OVM READING (ppm)
1)	5PC - TB @ 2' (95)-C	04/05/18	1410	8015B/8021B/300.0 (Cl)	NA
2)					
3)					
4)					
5)					

SOIL DESCRIPTION:

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER

SOIL COLOR: DARK YELLOWISH ORANGE

COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE

CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 5

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION -

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

HC ODOR DETECTED: YES / NO EXPLANATION -

ANY AREAS DISPLAYING WETNESS: YES / NO EXPLANATION -

SITE OBSERVATIONS:

LOST INTEGRITY OF EQUIPMENT: YES / NO EXPLANATION -

APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED : YES / NO EXPLANATION:

EQUIPMENT SET OVER RECLAIMED AREA: YES / NO EXPLANATION - 8'x8'x1' ABOVE-GRADE TANK TO BE SET ATOP BGT LOCATION.

OTHER: NMOCD OR BLM REPS. NOT PRESENT TO WITNESS CONFIRMATION SAMPLING. BGT WAS 15 FT. DIAMETER & 2 FT. HEIGHT.

EXCAVATION DIMENSION ESTIMATION: NA ft. X NA ft. X NA ft. EXCAVATION ESTIMATION (Cubic Yards) : NA

DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1,000' NEAREST SURFACE WATER: <1,000' NMOCD TPH CLOSURE STD: 100 ppm

SITE SKETCH

BGT Located : off / on site

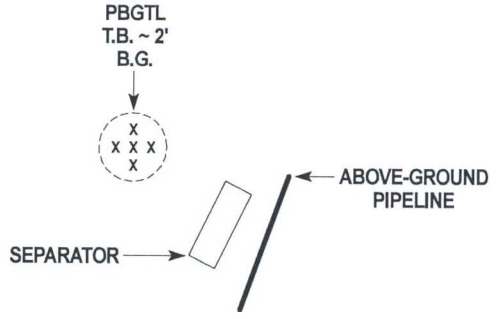
PLOT PLAN circle: attached

OVM CALIB. READ. = NA ppm RF =1.00

OVM CALIB. GAS = NA ppm

TIME: NA am/pm DATE: NA

N



X - S.P.D.

NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~ = APPROX.; W.H. = WELL HEAD; T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINING WALL; NA - NOT APPLICABLE OR NOT AVAILABLE; SW - SINGLE WALL; DW - DOUBLE WALL; SB - SINGLE BOTTOM; DB - DOUBLE BOTTOM.

MISCELL. NOTES

WO:

REF #: P-956

VID: VHIXONEVB2

PJ #:

Permit date(s): 03/13/18

OCD Appr. date(s): 03/22/18

Tank ID	OVM = Organic Vapor Meter ppm = parts per million
C	BGT Sidewalls Visible: Y / (N)
	BGT Sidewalls Visible: Y / N
	BGT Sidewalls Visible: Y / N

Magnetic declination: 10° E

NOTES: GOOGLE EARTH IMAGERY DATE: 10/5/2016. ONSITE: 04/05/18

revised: 11/26/13

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
Project: PUMP CANYON WATER TRANSFER
Lab ID: 1804337-003 **Matrix:** SOIL

Client Sample ID: 5PC-TB @ 2' (95)-C
Collection Date: 4/5/2018 2:10:00 PM
Received Date: 4/6/2018 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	30		mg/Kg	20	4/6/2018 11:38:28 AM	37461
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **AG**	
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	4/6/2018 12:56:06 PM	37449
Surr: BFB	120	70-130		%Rec	1	4/6/2018 12:56:06 PM	37449
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/6/2018 11:26:56 AM	37459
Motor Oil Range Organics (MRO)	55	48		mg/Kg	1	4/6/2018 11:26:56 AM	37459
Surr: DNOP	104	70-130		%Rec	1	4/6/2018 11:26:56 AM	37459
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **AG**	
Benzene	ND	0.018		mg/Kg	1	4/6/2018 12:56:06 PM	37449
Toluene	ND	0.036		mg/Kg	1	4/6/2018 12:56:06 PM	37449
Ethylbenzene	ND	0.036		mg/Kg	1	4/6/2018 12:56:06 PM	37449
Xylenes, Total	ND	0.072		mg/Kg	1	4/6/2018 12:56:06 PM	37449
Surr: 4-Bromofluorobenzene	121	70-130		%Rec	1	4/6/2018 12:56:06 PM	37449
Surr: Toluene-d8	87.1	70-130		%Rec	1	4/6/2018 12:56:06 PM	37449

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Chain-of-Custody Record

Client:	BLAGG ENGR. / BP AMERICA
Mailing Address:	P.O. BOX 87
	BLOOMFIELD, NM 87413
Phone #:	(505) 632-1199
email or Fax#:	
QA/QC Package:	☑ Standard ☐ Level 4 (Full Validation)
Accreditation:	☐ NELAP ☐ Other ____
☐ EDD (Type) ____	

Turn-Around Time: ☐ Standard ☑ Rush SAME DAY

Project Name: PUMP CANYON WATER TRANSFER

Project #:

Project Manager: ERIN GARIFALOS

Sampler: NELSON VELEZ

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.6

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No	BTEX + ~~MTBE + TMB's~~ (8021B)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH (8310 or 8270SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chloride (soil - 300.0 / water - 300.1)		Grab sample	5 pt. composite sample	Air Bubbles (Y or N)
~~4/5/18~~				4 oz. Hall Kit		1804337																
~~4/5/18~~	1415	SOIL	EPC-TB@2'(05)-A	4 oz.-1	Cool	-001	✓		✓									✓			✓	
~~4/5/18~~																						
~~4/5/18~~	1420	SOIL	EPC-TB@8'(11)-B	4 oz.-1	Cool	-002	✓		✓									✓			✓	
4/5/18	1410	SOIL	EPC-TB@2'(05)-C	4oz.-1	Cool	-003	✓		✓									✓			✓	

Date	Time	Relinquished by	Received by	Date	Time
4/5/18	1520			4/5/18	1520
4/5/18	1807			4/5/18	1700

Remarks: BILL DIRECTLY TO BP USING THE CONTACT WITH CORRESPONDING VID & REFERENCE # WHEN APPLICABLE:

CONTACT: ERIN GARIFALOS / VANCE HIXON

VID: VHIXONEVB2

Reference # P - 956

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1804337**

09-Apr-18

Client: Blagg Engineering

Project: PUMP CANYON WATER TRANSFER

Sample ID **MB-37461**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **37461**	RunNo: **50374**
Prep Date: **4/6/2018**	Analysis Date: **4/6/2018**	SeqNo: **1632980** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID **LCS-37461**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **37461**	RunNo: **50374**
Prep Date: **4/6/2018**	Analysis Date: **4/6/2018**	SeqNo: **1632981** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.8	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1804337**

09-Apr-18

Client: Blagg Engineering

Project: PUMP CANYON WATER TRANSFER

Sample ID **LCS-37459**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **37459**	RunNo: **50367**
Prep Date: **4/6/2018**	Analysis Date: **4/6/2018**	SeqNo: **1632357** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.3	70	130			
Surr: DNOP	4.5		5.000		90.7	70	130			

Sample ID **MB-37459**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **37459**	RunNo: **50367**
Prep Date: **4/6/2018**	Analysis Date: **4/6/2018**	SeqNo: **1632358** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.9		10.00		98.8	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1804337**

09-Apr-18

Client: Blagg Engineering

Project: PUMP CANYON WATER TRANSFER

Sample ID **MB-37449**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS**	Batch ID: **37449**	RunNo: **50381**
Prep Date: **4/5/2018**	Analysis Date: **4/6/2018**	SeqNo: **1633401** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.59		0.5000		117	70	130			
Surr: Toluene-d8	0.42		0.5000		84.5	70	130			

Sample ID **LCS-37449**	SampType: **LCS**	TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **LCSS**	Batch ID: **37449**	RunNo: **50381**
Prep Date: **4/5/2018**	Analysis Date: **4/6/2018**	SeqNo: **1634134** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	85.7	80	120			
Toluene	0.87	0.050	1.000	0	87.5	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.5	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.2	80	120			
Surr: 4-Bromofluorobenzene	0.52		0.5000		103	70	130			
Surr: Toluene-d8	0.42		0.5000		84.1	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1804337**

09-Apr-18

Client: Blagg Engineering

Project: PUMP CANYON WATER TRANSFER

Sample ID **lcs-37449**	SampType: **LCS**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **LCSS**	Batch ID: **37449**	RunNo: **50381**
Prep Date: **4/5/2018**	Analysis Date: **4/6/2018**	SeqNo: **1633365** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	70	130			
Surr: BFB	530		500.0		106	70	130			

Sample ID **MB-37449**	SampType: **MBLK**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **PBS**	Batch ID: **37449**	RunNo: **50381**
Prep Date: **4/5/2018**	Analysis Date: **4/6/2018**	SeqNo: **1633366** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	580		500.0		116	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: BLAGG | Work Order Number: 1804337 | RcptNo: 1

Received By: Anne Thorne 4/6/2018 7:00:00 AM

Completed By: Anne Thorne 4/6/2018 7:10:25 AM

Reviewed By: AT 4.6.18 AT labeled

Chain of Custody

1. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☑ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
8. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
9. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☑
10. Were any sample containers received broken? Yes ☐ No ☑
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ☑ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
13. Is it clear what analyses were requested? Yes ☑ No ☐
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ☑ No ☐

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (If applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			


BP AMERICA PRODUCTION COMPANY
PUMP CANYON 14" DRIP
IN CASE OF EMERGENCY CALL
326-9200
AFTER HOURS 947-9900
BP AMERICA PRODUCTION COMPANY
PUMP CANYON 12" DRIP
IN CASE OF EMERGENCY CALL
326 9200
AFTER HOURS 947-9900


Previous 95 bbl BGT
Position (Tank ID: C)
C