3R - 0026

ANNUAL MONITORING REPORT

09/26/2008

BLAGG ENGINEERING, INC.
P.O. Box 87, Bloomfield, New Mexico 87413
Phone: (505)632-1199 Fax: (505)632-3903

3R0026

COPY

September 25, 2008

Mr. Glenn von Gonten, Senior Hydrologist
New Mexico Oil Conservation Division-NMOCD
Environmental Bureau
1220 St. Francis Drive
Santa Fe, New Mexico 87505

RE: REQUEST FOR PERMANENT CLOSURE
BP America Production Company (formerly Amoco Production Co.)
Groundwater Monitoring Report
Jacques Com A #1, UNIT M, SEC. 25, T30N, R9W, NMPM
San Juan County, New Mexico

NMOCD Administrative/Environmental Order #: 3RP-26-0

Dear Mr. von Gonten:

BP America Production Company (**BP**) has retained Blagg Engineering, Inc. (**BEI**) to conduct environmental monitoring of groundwater at the Jacques Com A #1.

BP has followed its NMOCD approved groundwater management plan and is requesting permanent closure for this site.

If you have any questions concerning the enclosed documentation, please contact either myself or Jeffrey C. Blagg at (505) 632-1199. Thank you for your cooperation and assistance.

Respectfully submitted:
Blagg Engineering, Inc.

Nelson J. Velez
Staff Geologist

Attachment: Groundwater Report (2 copies)

cc: Mr. Brandon Powell, Environmental Specialist, NMOCD District III Office, Aztec, NM
Mr. Larry Schlotterback, Environmental Coordinator, BP, Farmington, NM

NJV/njv

Jacques Com A #1 09-25-08 CVL.DOC

3R0026

BP AMERICA PRODUCTION CO.

GROUNDWATER REMEDIATION REPORT

JACQUES COM A #1
(M) SECTION 25, T30N, R9W, NMPM
SAN JUAN COUNTY, NEW MEXICO

PREPARED FOR:
NEW MEXICO OIL CONSERVATION DIVISION
1220 ST. FRANCIS DRIVE
SANTA FE, NEW MEXICO 87504

SEPTEMBER 2008

PREPARED BY:
BLAGG ENGINEERING, INC.

Consulting Petroleum / Reclamation Services
P.O. Box 87
Bloomfield, New Mexico 87413

BP AMERICA PRODUCTION COMPANY
Jacques Com A #1
SW/4 SW/4, Sec. 25, T30N, R9W

Well Site Plugged & Abandoned: **March 1993**

Pit Closure Date: **March 2000 (abandoned pit II)**

Monitor Well Installation Date: **November 2007**

Monitor Well Sampling Dates: **11/29/07, 04/04/08, 06/23/08, 08/25/08**

Site History:

Groundwater was encountered at a depth of approximately 12 feet below surface grade during excavation of impacted soils from an abandoned pit in March 2000 (documentation attached). The excavation perimeter was measured at approximately 48 X 37 X 15 feet depth. Approximately 950 cubic yards of soils were removed and transported BP America Production Company (**BP**) Crouch Mesa facility. The groundwater within the excavation perimeter was pumped via water hauling trucks and disposed at an approved facility. Afterwards, the exposed groundwater was sampled and tested for benzene, toluene, ethylbenzene, and total xylenes (**BTEX**) per US EPA method 8020. The discovery of confirmed groundwater impact during the pit closure activity was transmitted via telecommunication to the New Mexico Oil Conservation Division's (**NMOCD**) Santa Fe office on May 11, 2000. NMOCD was notified with letter dated May 11, 2000 of the groundwater impact (attached). Resampling of the groundwater in a subsequent event was conducted in April 2000. The BTEX results of the groundwater sampling from the excavation and adjacent test hole in the suspected down gradient direction are as follows;

Sample ID	Date	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Total Xylenes (ppb)
Pit Water	03/06/00	**130**	31	69	**789**
Pit Water	04/19/00	**16.0**	ND	7.2	43
TW1 (gw)	03/06/00	ND	ND	ND	1.2
NMWQCC regulatory standards		**10**	**750**	**750**	**620**

Note: gw = groundwater, NMWQCC = New Mexico Water Quality Control Commission, ppb = parts per billion, ND = Not detectable at reported limits (less than regulatory standards by at least a magnitude of 10).

Groundwater Investigation and Soil Lithology:

Groundwater monitor wells were installed in November 2007 to test groundwater quality (see Figure 1). Boring logs for all three (3) monitor wells along with well completion information are contained within this report. There are no known receptors impacted by the previous discovery of impacted soil and/or groundwater.

Soil lithology at the site consists of primarily coarse grained sand with varying size gravel at greater depths, non cohesive, and firm. Medium dark gray sand phasing into sand and gravel with an apparent hydrocarbon odor was observed from the drill cuttings at an estimated 12-20 feet below grade within the source area boring only (MW #2).

Groundwater Monitor Well Sampling Procedures:

Monitor wells were developed by hand-bailing, using new disposable bailers after installation. Prior to sample collections, the monitor wells were purged approximately three (3) well bore volumes with new disposable bailers. The groundwater samples were collected following US EPA: SW-846 protocol, were placed into laboratory supplied containers with appropriate preservative, and stored in an ice chest for express delivery to an analytical laboratory for testing under strict chain-of-custody procedures. Analytical testing included BTEX by US EPA Method 8021B or Method 8260B and general water quality parameters.

Fluids generated during monitor well development and purging were managed by discarding into a tank pit located at the adjacent Jacques #1 well site. The tank pit contents are then disposed through approved NMOCD operational procedures for removal of produced fluids.

Groundwater Quality & Flow Direction Information:

Quarterly groundwater monitor well sampling was initiated in November 2007. Summary of laboratory BTEX and general water chemistry analytical results are included in the table on the following pages. The data indicates all BTEX constituents tested at non-detectable or very low levels for four (4) consecutive sampling events within the source and down gradient areas. All field data and laboratory reports for each quarterly sampling event are contained within this report.

Groundwater elevations have consistently been measured with a gradient towards the south and southwest directions (Figure 2 through Figure 5).

Summary and Recommendations:

Hydrocarbon impacted soil and groundwater at the site appear to have been remediated via excavation of impacted soils. All site wells tested at non-detectable or low levels for BTEX; therefore, meeting NMWQCC standards for groundwater. Permanent site closure is recommended. Following approval by the NMOCD, site monitor wells will be abandoned pursuant to the approved BP Ground Water Management Plan.

BP AMERICA PROD. CO. GROUNDWATER LAB RESULTS

SUBMITTED BY BLAGG ENGINEERING, INC.

JACQUES COM A # 1
UNIT M, SEC. 25, T30N, R9W

REVISED DATE: September 8, 2008

FILENAME: (JA1-3Q08.WK4) NJV

								BTEX EPA METHOD 8021B (ppb)			
SAMPLE DATE	WELL NAME or No.	D.T.W. (ft)	T.D. (ft)	TDS (mg/L)	COND. umhos	pH	PRODUCT (ft)	Benzene	Toluene	Ethyl Benzene	Total Xylene
29-Nov-07	MW #1	15.22	22.50	4,800	3,800	7.27		ND	ND	ND	ND
29-Nov-07	MW #2	13.59	21.50	5,800	4,800	7.39		ND	ND	16	19
04-Apr-08		13.12			4,700	6.99		ND	ND	1.3	ND
23-Jun-08		12.35			2,400	7.42		ND	ND	ND	ND
25-Aug-08		13.02			3,100	7.23		ND	ND	ND	ND
29-Nov-07	MW #3	13.97	22.50	4,500	3,700	7.42		ND	ND	ND	ND
04-Apr-08		13.48			3,400	7.09		ND	ND	ND	ND
23-Jun-08		12.75			2,600	7.30		ND	ND	ND	ND
25-Aug-08		13.43			2,500	7.26		ND	ND	ND	ND
					NMWQCC GROUNDWATER STANDARDS			10	750	750	620

NOTES : 1) ND INDICATES NOT DETECTED AT THE REPORTING LIMITS (less than regulatory standards of at least a magnitude of 10).

GENERAL WATER QUALITY

BP AMERICA PRODUCTION COMPANY

JACQUES COM A # 1

Sample Date : November 29 , 2007

PARAMETERS	MW # 1	MW # 2	MW # 3	NMWQCC STANDARDS	Units
LAB pH	7.32	7.43	7.31	**6 - 9**	s. u.
TOTAL DISSOLVED SOLIDS	4,800	5,800	4,500	**1,000**	mg / L
NITROGEN, NITRITE	ND	ND	ND	**10.0**	mg / L
NITROGEN , NITRATE	1.1	ND	1.5	**10.0**	mg / L
CHLORIDE	89	230	71	**250**	mg / L
FLUORIDE	1.2	1.0	ND	**1.6**	mg / L
SULFATE	2,900	3,900	2,600	**600**	mg / L
IRON	ND	ND	ND	**1.0**	mg / L

Notes :

1) NMWQCC - New Mexico Water Quality Control Commission .

2) s. u. - stanadard unit .

3) mg / L - milligrams per liter or otherwise known as parts per million (ppm) .

4) New Mexico Oil Conservation Division (NMOCD) recognizes the NMWQCC or background levels (statistical equivalence) as the standards for each site specific scenario .

3004520381

CLIENT: AMOCO	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: B0722 C.O.C. NO: 10365 7462

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: JACQUES COM A WELL #: 1 PIT: ABANDONED (II)

QUAD/UNIT: M SEC: 25 TWP: 30N RNG: 9W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 990'FSL/990'FWL SWSW CONTRACTOR: P&S

DATE STARTED: 3/6/00

DATE FINISHED:

ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 48 FT. x 37 FT. x 15 FT. DEEP. CUBIC YARDAGE: 950

DISPOSAL FACILITY: ~~NM GC B #1E F-7-29-9~~ BP CROUCH MESA LF REMEDIATION METHOD: STOCK PILED

LAND USE: RANGE LEASE: ~~FEDERAL~~ FEE FORMATION: PC

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 105 FT. S68W FROM WELLHEAD.

DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: <1000'

NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: 100 PPM

CHECK ONE:

- [Y] PIT ABANDONED
- [ ] STEEL TANK INSTALLED
- [ ] FIBERGLASS TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

SIDEWALLS CONSISTED OF: MOSTLY MOD. TO DK. YELL. BRWN SAND PHASING INTO SILTY CLAY @ GREATER DEPTH, 10-12' INTERVAL BELOW GRADE - MOD. TO DK. GRAY SILTY CLAY TO CLAY, SIDEWALL OVM SAMPLES APPEAR FREE OF ANY HC ODOR & DISCOLORATION, NO NOTICEABLE SHEEN OBSERVED @ GW SURFACE W/IN EXCAVATION, TEST HOLE SOIL SIMILAR TO PIT EXCAVATION EXCEPT MOD. GRAY DISCOLORATION OBSERVED WHEN GW WAS ENCOUNTERED (CONTAINED VARYING SIZE GRAVEL W/IN GW). IRRIGATION DITCH APPROX. 435 FT. FROM SOUTH PERIMETER OF EXCAVATION.

P&A LOCATION - 3/6/93

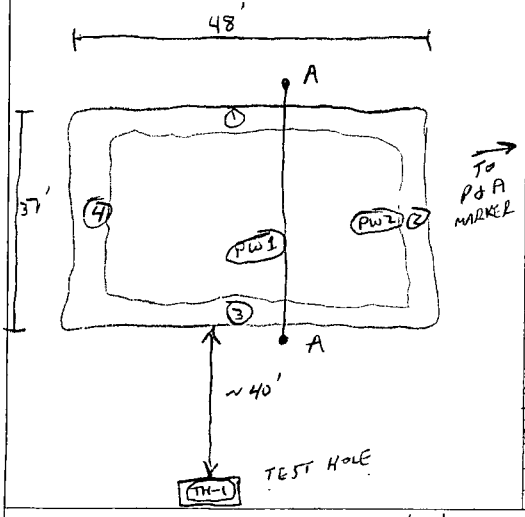
FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE

0 FT

PIT PERIMETER



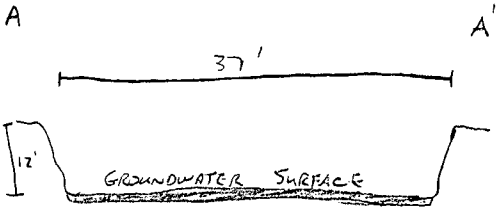
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 6'	0.0
2 @ 6'	0.0
3 @ 7'	0.0
4 @ 7'	0.0
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
PW1@GW(12')	BTEX/A/C	0955
TH-1@GW(12')	BTEX/AC	1020
PW2@GW(14')	BTEX	1320

PIT PROFILE



TRAVEL NOTES: CALLOUT: 3/3/00 AFTER. ONSITE: 3/6/00 MORN.

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: *08-Mar-00*

Client:	Blagg Engineering	**Client Sample Info:**	~~Jaquez~~ Com A#1 - Abandoned Pit
Work Order:	0003005	**Client Sample ID:**	PW1 @ GW (12ft)
Lab ID:	0003005-01A **Matrix:** AQUEOUS	**Collection Date:**	3/6/2000 9:55:00 AM
Project:	BP Amoco - ~~Jaquez~~ Com A 1	**COC Record:**	10365

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		**SW8021B**				Analyst: **DM**
Benzene	130	0.5		µg/L	1	3/7/2000
Toluene	31	0.5		µg/L	1	3/7/2000
Ethylbenzene	69	0.5		µg/L	1	3/7/2000
m,p-Xylene	720	5		µg/L	5	3/7/2000
o-Xylene	69	0.5		µg/L	1	3/7/2000

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

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OFF: (505) 325-5667
FAX: (505) 327-1496

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556
FAX: (505) 327-1496

ANALYTICAL REPORT

JV JACQUES

Date: *26-Apr-00*

Client:	Blagg Engineering	**Client Sample Info:**	~~Jaquez~~ Com A#1, Abandoned Pit (JI
Work Order:	0004047	**Client Sample ID:**	PW2 @ GW (14ft.)
Lab ID:	0004047-01A **Matrix:** AQUEOUS	**Collection Date:**	4/19/2000 1:20:00 PM
Project:	BP Amoco - ~~Jaquez~~ Com A#1 (JV JACQUES)	**COC Record:**	10579

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		**SW8021B**				Analyst: **DM**
Benzene	16	0.5		µg/L	1	4/24/2000
Toluene	ND	0.5		µg/L	1	4/24/2000
Ethylbenzene	7.2	0.5		µg/L	1	4/24/2000
m,p-Xylene	42	1		µg/L	1	4/24/2000
o-Xylene	1	0.5		µg/L	1	4/24/2000

Qualifiers:

PQL - Practical Quantitation Limit
ND - Not Detected at Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
Surr: - Surrogate

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: *08-Mar-00*

Client:	Blagg Engineering	**Client Sample Info:** ~~Jaquez~~ Com A#1 - Abandoned Pit	
Work Order:	0003005	**Client Sample ID:** TW1 @ GW (12ft)	
Lab ID:	0003005-02A **Matrix:** AQUEOUS	**Collection Date:** 3/6/2000 10:20:00 AM	
Project:	BP Amoco - ~~Jaquez~~ Com A 1	**COC Record:** 10365	

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		**SW8021B**				Analyst: **DM**
Benzene	ND	0.5		µg/L	1	3/7/2000
Toluene	ND	0.5		µg/L	1	3/7/2000
Ethylbenzene	ND	0.5		µg/L	1	3/7/2000
m,p-Xylene	1.2	1		µg/L	1	3/7/2000
o-Xylene	ND	0.5		µg/L	1	3/7/2000

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	Blagg / AMOCO	Project #:	403410
Sample ID:	PW 1 @ GW (12')	Date Reported:	03-07-00
Laboratory Number:	G895	Date Sampled:	03-06-00
Chain of Custody:	7462	Date Received:	03-06-00
Sample Matrix:	Water	Date Extracted:	N/A
Preservative:	Cool	Date Analyzed:	03-07-00
Condition:	Cool & Intact		

Parameter	Analytical Result	Units		Units
pH	**7.46**	s.u.		
Conductivity @ 25° C	**13,500**	umhos/cm		
Total Dissolved Solids @ 180C	**6,700**	mg/L		
Total Dissolved Solids (Calc)	**6,660**	mg/L		
SAR	**14.3**	ratio		
Total Alkalinity as CaCO3	**410**	mg/L		
Total Hardness as CaCO3	**1,960**	mg/L		
Bicarbonate as HCO3	**410**	mg/L	6.71	meq/L
Carbonate as CO3	**<0.1**	mg/L	0.00	meq/L
Hydroxide as OH	**<0.1**	mg/L	0.00	meq/L
Nitrate Nitrogen	**0.1**	mg/L	0.00	meq/L
Nitrite Nitrogen	**<0.001**	mg/L	0.00	meq/L
Chloride	**390**	mg/L	11.00	meq/L
Fluoride	**1.76**	mg/L	0.09	meq/L
Phosphate	**1.1**	mg/L	0.03	meq/L
Sulfate	**3,890**	mg/L	80.99	meq/L
Iron	**0.007**	mg/L		
Calcium	**636**	mg/L	31.74	meq/L
Magnesium	**65.9**	mg/L	5.42	meq/L
Potassium	**4.5**	mg/L	0.12	meq/L
Sodium	**1,420**	mg/L	61.77	meq/L
Cations			99.04	meq/L
Anions			98.83	meq/L
Cation/Anion Difference			**0.21%**	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983. Water And Waste Water", 18th ed., 1992.

JACQUES

Comments: ~~Jaquez~~ **Com A #1 Abandoned Pit.** (II)

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 18(

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	Blagg / AMOCO	Project #:	403410
Sample ID:	TH - 1 @ GW (12')	Date Reported:	03-07-00
Laboratory Number:	G896	Date Sampled:	03-06-00
Chain of Custody:	7462	Date Received:	03-06-00
Sample Matrix:	Water	Date Extracted:	N/A
Preservative:	Cool	Date Analyzed:	03-07-00
Condition:	Cool & Intact		

Parameter	Analytical Result	Units		Units
pH	**7.50**	s.u.		
Conductivity @ 25° C	**12,700**	umhos/cm		
Total Dissolved Solids @ 180C	**6,320**	mg/L		
Total Dissolved Solids (Calc)	**6,280**	mg/L		
SAR	**13.6**	ratio		
Total Alkalinity as CaCO3	**333**	mg/L		
Total Hardness as CaCO3	**1,760**	mg/L		
Bicarbonate as HCO3	**333**	mg/L	5.46	meq/L
Carbonate as CO3	**<0.1**	mg/L	0.00	meq/L
Hydroxide as OH	**<0.1**	mg/L	0.00	meq/L
Nitrate Nitrogen	**<0.1**	mg/L	0.00	meq/L
Nitrite Nitrogen	**<0.001**	mg/L	0.00	meq/L
Chloride	**90.0**	mg/L	2.54	meq/L
Fluoride	**1.57**	mg/L	0.08	meq/L
Phosphate	**1.0**	mg/L	0.03	meq/L
Sulfate	**4,040**	mg/L	84.11	meq/L
Iron	**0.020**	mg/L		
Calcium	**504**	mg/L	25.15	meq/L
Magnesium	**122**	mg/L	10.05	meq/L
Potassium	**4.5**	mg/L	0.12	meq/L
Sodium	**1,310**	mg/L	56.99	meq/L
Cations			92.30	meq/L
Anions			92.23	meq/L
Cation/Anion Difference			**0.08%**	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983. Water And Waste Water", 18th ed., 1992.

Comments: JACQUES **~~Jaquez~~ Com A #1 Abandoned Pit.** (II) NV

Analyst

Review

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ON SITE TECHNOLOGIES, LTD.

CHAIN OF CUSTODY RECORD

30365

Date: 3/6/00

612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499
LAB: (505) 325-5667 • FAX: (505) 327-1496

Page: 1 of 1

Purchase Order No.: | Project No.

SEND INVOICE TO
Name: TEFF BUCK
Company: BUCK ENGINEERING, INC. | Dept.
Address: P.O. Box 87
City, State, Zip: BLOOMFIELD, NM 87413

REPORT RESULTS TO
Name: NELSON VELEZ | Title
Company: SAME
Mailing Address:
City, State, Zip:
Telephone No.: 632-1199 | Telefax No.: 632-3903

PROJECT LOCATION: JACQUES #1 BP AMOCO - ~~FEDERAL~~ GOM A #1 - ABANDONED PIT (II.) #1

SAMPLER'S SIGNATURE: Nelson Velez

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE PRES.	Number of Containers	BTEX (8021)	LAB ID
MW 1 @ GW (12')	3/6/00	2385 #1	WATER	COOL + HCl	2	✓	0003002-01A
TW-1 @ GW (12')	3/6/00	1020	WATER	COOL + HCl	2	✓	-02A

Relinquished by: Nelson Velez	Date/Time: 3/6/00 1315	Received by: David D. Martin	Date/Time: 3/6/00 1311
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Rush [X] | 24-48 Hours [ ] | 10 Working Days [ ] | By Date [ ]

Authorized by: Nelson Velez Date 3/6/00
(Client Signature Must Accompany Request)

Special Instructions / Remarks:
PLEASE PHONE UPON COMPLETION OF ANALYTICAL RESULTS. OR FAX RUSH

Distribution: White - On Site Yellow - LAB Pink - Sampler Goldenrod - Client

CHAIN OF CUSTODY RECORD

7462

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BLAGG / AMOCO NV	ABANDONED PIT (II) NV JACQUES ~~JAQUES~~ Com A #1	
Sampler: NV	Client No. 403410	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	ANION/ CATION						Remarks
PW1 @ GW (12')	3/6/00	0955	G895	WATER	1	✓						BOTH PRESERVED
												COOL
TH-1 @ GW (12')	3/6/00	1020	G896	WATER	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Nelson Velez	3/6/00	1242	Theresa L. Ojeman	3.6.00	1242
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ON SITE TECHNOLOGIES, LTD.

CHAIN OF CUSTODY RECORD

10579

Date: 4/19/00

Page: 1 of 1

612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499
LAB: (505) 325-5667 • FAX: (505) 327-1496

Purchase Order No.: | Project No.

SEND INVOICE TO
Name: Jeff Blagg
Company: Blagg Engineering Inc. | Dept.
Address: P.O. Box 87
City, State, Zip: Bloomfield NM 87413

REPORT RESULTS TO
Name: Mickey Velez | Title
Company: Same
Mailing Address:
City, State, Zip:
Telephone No.: 632-1199 | Telefax No.: 632-3903

PROJECT LOCATION: NV JACQUES
BP Amoco - [illegible] Com A #1 Abandoned Pit (NV (II))

SAMPLER'S SIGNATURE: Mickey Velez

SAMPLE IDENTIFICATION	SAMPLE DATE	TIME	MATRIX	PRES.	Number of Containers	ANALYSIS REQUESTED: BTEX (8021)	LAB ID
Pwr @ GW (14')	4/19/00	1340	WATER	HCl + COOL	2	1	004-10417 01A

Relinquished by: Mickey Velez | Date/Time: 4/19/00 1507 | Received by: Heather Rees | Date/Time: 4/19/00 1510

Relinquished by: | Date/Time | Received by: | Date/Time

Relinquished by: | Date/Time | Received by: | Date/Time

Method of Shipment:

Rush [ ] 24-48 Hours [X] 10 Working Days [ ] By Date [ ]

Authorized by: _____ Date _____
(Client Signature Must Accompany Request)

Special Instructions / Remarks:
Faxed copy of results upon analytical completion.

Distribution: White - On Site Yellow - LAB Pink - Sampler Goldenrod - Client

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413
Phone: (505) 632-1199 Fax: (505) 632-3903

May 11, 2000

Mr. William C. Olson - Hydrologist
State of New Mexico Oil Conservation Division
2040 So. Pacheco
Santa Fe, New Mexico 87505

RE: Formal Notification of Groundwater Impact
BP Amoco's Jaquez Com A # 1 - Abandoned pit
Unit M, Sec. 25, T30N, R9W
San Juan County, New Mexico
(Gas well plugged & abandoned 3 / 6 / 93)

Dear Mr. Olson:

Initial groundwater sample analytical results at the above referenced well site during pit closure activity reveal hydrocarbon contamination to be above the State of New Mexico Water Quality Control Commission's regulatory standards for benzene and total xylenes. Sampling was conducted March 6, 2000. Depth to water is estimated at twelve (12) feet below grade. Listed below are summary analytical results for benzene, toluene, ethylbenzene, and total xylenes (BTEX):

Parameters	Abandoned Pit (parts per billion)
benzene	**130**
toluene	31
ethylbenzene	69
total xylenes	**789**

If you have any questions concerning this information, please do not hesitate to contact us at the aforementioned phone number. Thank you for your cooperation.

Respectfully submitted,
Blagg Engineering, Inc.

Nelson J. Velez
Staff Geologist

cc: Denny Foust, Environmental Geologist, NMOCD, Aztec, NM
Buddy Shaw, Environmental Coordinator, BP Amoco, Farmington, NM

NV/nv

JAQ-A1.LTR

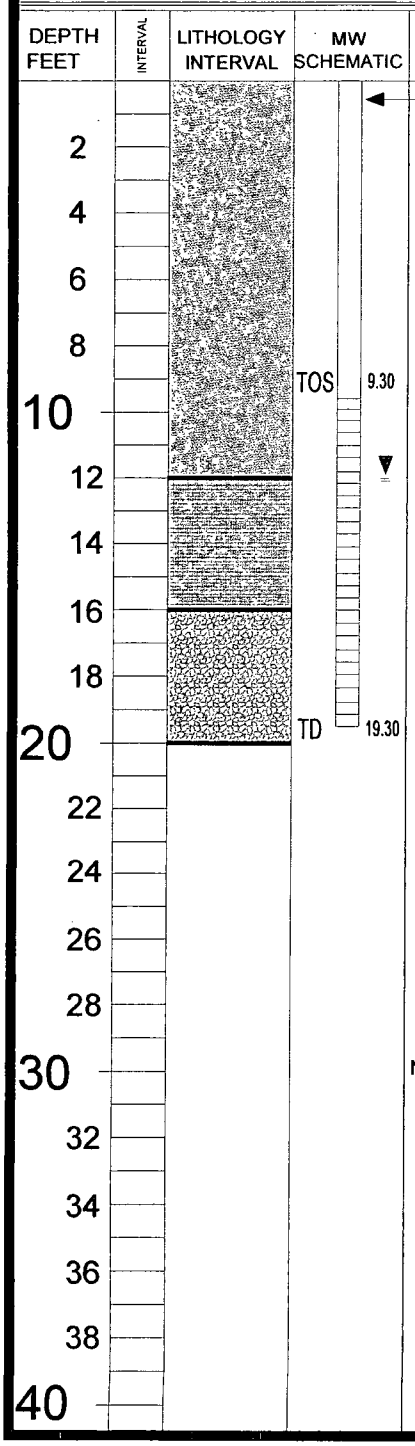
BLAGG ENGINEERING, INC.
P.O. BOX 87
BLOOMFIELD, NM 87413
(505) 632-1199

MW #1

BORE / TEST HOLE REPORT

BORING #.....	BH-2
MW #.....	1
PAGE #.....	1
DATE STARTED	11/27/07
DATE FINISHED	11/27/07
OPERATOR.....	DP
PREPARED BY	NJV

CLIENT: BP AMERICA PRODUCTION CO.
LOCATION NAME: JACQUES COM A # 1 UNIT M, SEC. 25, T30N, R9W
CONTRACTOR: BLAGG ENGINEERING, INC. / ENVIROTECH, INC.
EQUIPMENT USED: MOBILE DRILL RIG (CME 75)
BORING LOCATION: 183 FT., S86W FROM WELL HEAD.



FIELD CLASSIFICATION AND REMARKS

GROUND SURFACE

TOP OF CASING APPROX. 3.20 FEET ABOVE GRADE.

MODERATE BROWN SAND TO SILTY SAND, NON COHESIVE, SLIGHTLY MOIST TO WET, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 12.0 FT. BELOW GRADE).

DEPTH TO WATER APPROX. 12.04 FT. FROM GROUND SURFACE MEASURED ON 11/27/07.

MODERATE BROWN SILTY SAND TO SILTY CLAY, COHESIVE, SATURATED, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (12.0 - 16.0 FT. BELOW GRADE).

MODERATE BROWN SILTY SAND AND GRAVEL, NON COHESIVE, SATURATED, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (16.0 - 20.0 FT. BELOW GRADE).

NOTES:
- SAND TO SILTY SAND.
- SILTY SAND TO SILTY CLAY.
- SILTY SAND AND GRAVEL.

TOS - Top of screen of monitor well.
TD - Total depth/bottom extent of monitor well.

Monitor well consist of 2 inch PVC piping - casing from 3.20 ft. above grade to 9.30 ft. below grade, 0.010 slotted screen between 9.30 to 19.30 ft. below grade, sand packed annular to 8.0 ft. below grade, bentonite grout between 5.0 to 8.0 ft. below grade, clean fill dirt between grade to 5.0 ft. below grade. Well protector encompassing above grade casing and secured with padlock.

DRAWING: JACQUES COM A # 1 MW1-BH2. SKF | DATE: 11/27/07 | DWN BY: NJV

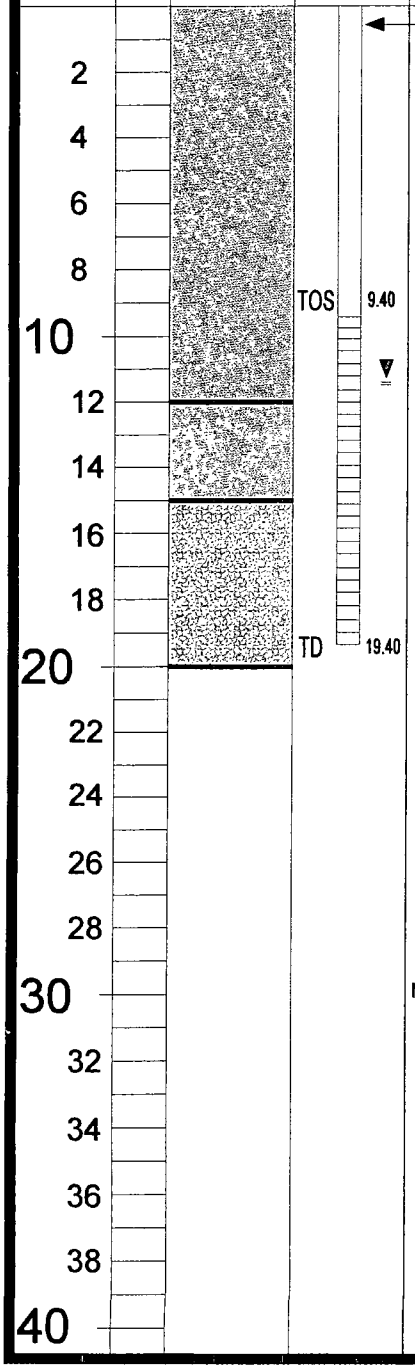
BLAGG ENGINEERING, INC.
P.O. BOX 87
BLOOMFIELD, NM 87413
(505) 632-1199

MW #2

BORE / TEST HOLE REPORT

CLIENT:	BP AMERICA PRODUCTION CO.
LOCATION NAME:	JACQUES COM A # 1 UNIT M, SEC. 25, T30N, R9W
CONTRACTOR:	BLAGG ENGINEERING, INC. / ENVIROTECH, INC.
EQUIPMENT USED:	MOBILE DRILL RIG (CME 75)
BORING LOCATION:	113 FT., S67W FROM WELL HEAD.

BORING #.....	BH-3
MW #.....	2
PAGE #.....	2
DATE STARTED	11/27/07
DATE FINISHED	11/27/07
OPERATOR.....	DP
PREPARED BY	NJV



FIELD CLASSIFICATION AND REMARKS

GROUND SURFACE

TOP OF CASING APPROX. 2.10 FEET ABOVE GRADE.

MODERATE BROWN SAND (BACKFILL), NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 12.0 FT. BELOW GRADE).

DEPTH TO WATER APPROX. 11.49 FT. FROM GROUND SURFACE MEASURED ON 11/29/07.

MEDIUM DARK GRAY SAND, NON COHESIVE, WET TO SATURATED, FIRM, STRONG APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (12.0 - 15.0 FT. BELOW GRADE).

SAND AND GRAVEL, PHASING INTO OLIVE GRAY IN COLOR, NON COHESIVE, SATURATED, FIRM, APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (15.0 - 20.0 FT. BELOW GRADE).

NOTES:
- SAND.
- SAND (IMPACTED).
- SILTY SAND AND GRAVEL.

TOS - Top of screen of monitor well.
TD - Total depth/bottom extent of monitor well.

Monitor well consist of 2 inch PVC piping - casing from 2.10 ft. above grade to 9.40 ft. below grade, 0.010 slotted screen between 9.40 to 19.40 ft. below grade, sand packed annular to 6.0 ft. below grade, bentonite grout between 3.0 to 6.0 ft. below grade, clean fill dirt between grade to 3.0 ft. below grade. Well protector encompassing above grade casing and secured with padlock.

DRAWING: JACQUES COM A # 1 MW2-BH3. SKF | DATE: 11/29/07 | DWN BY: NJV

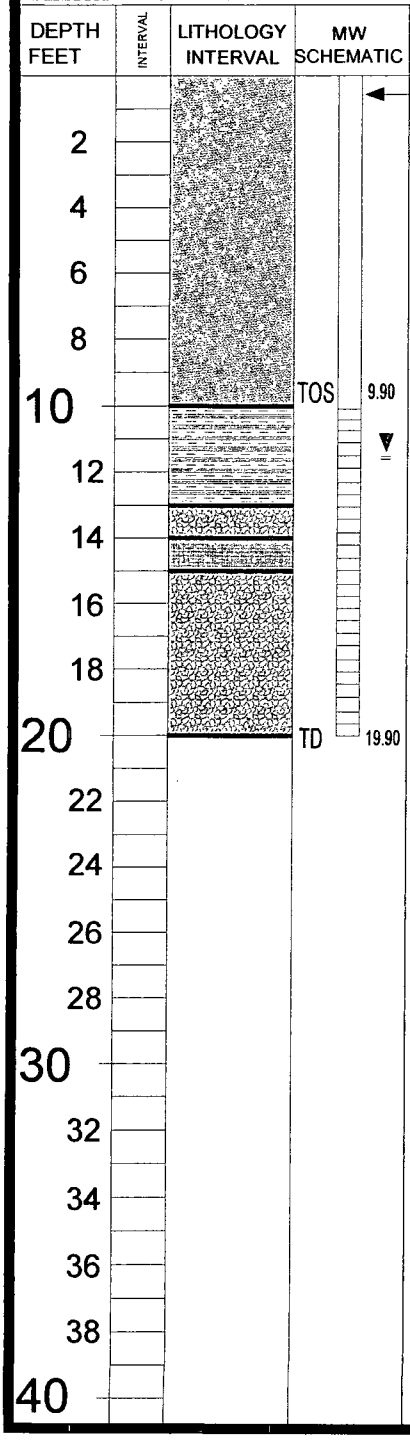
BLAGG ENGINEERING, INC.
P.O. BOX 87
BLOOMFIELD, NM 87413
(505) 632-1199

MW #3

BORE / TEST HOLE REPORT

BORING #.....	BH-1
MW #.....	3
PAGE #.....	3
DATE STARTED	11/27/07
DATE FINISHED	11/27/07
OPERATOR.....	DP
PREPARED BY	NJV

CLIENT: BP AMERICA PRODUCTION CO.
LOCATION NAME: JACQUES COM A # 1 UNIT M, SEC. 25, T30N, R9W
CONTRACTOR: BLAGG ENGINEERING, INC. / ENVIROTECH, INC.
EQUIPMENT USED: MOBILE DRILL RIG (CME 75)
BORING LOCATION: 134 FT., S43.5W FROM WELL HEAD.



FIELD CLASSIFICATION AND REMARKS

GROUND SURFACE

TOP OF CASING APPROX. 2.60 FEET ABOVE GRADE.

MODERATE TO DARK YELLOWISH BROWN SAND TO SILTY SAND, NON COHESIVE TO SLIGHTLY COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 10.0 FT. BELOW GRADE).

MODERATE BROWN SILTY CLAY TO CLAY, COHESIVE, SLIGHTLY MOIST TO WET, FIRM TO STIFF, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (10.0 - 13.0 FT. BELOW GRADE).

DEPTH TO WATER APPROX. 11.48 FT. FROM GROUND SURFACE MEASURED ON 11/27/07.

MODERATE BROWN SILTY SAND AND GRAVEL, NON COHESIVE, WET TO SATURATED, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (13.0 - 14.0 FT. BELOW GRADE).

SAME AS ABOVE EXCEPT WITHOUT GRAVEL AND SATURATED (14.0 - 15.0 FT. BELOW GRADE).

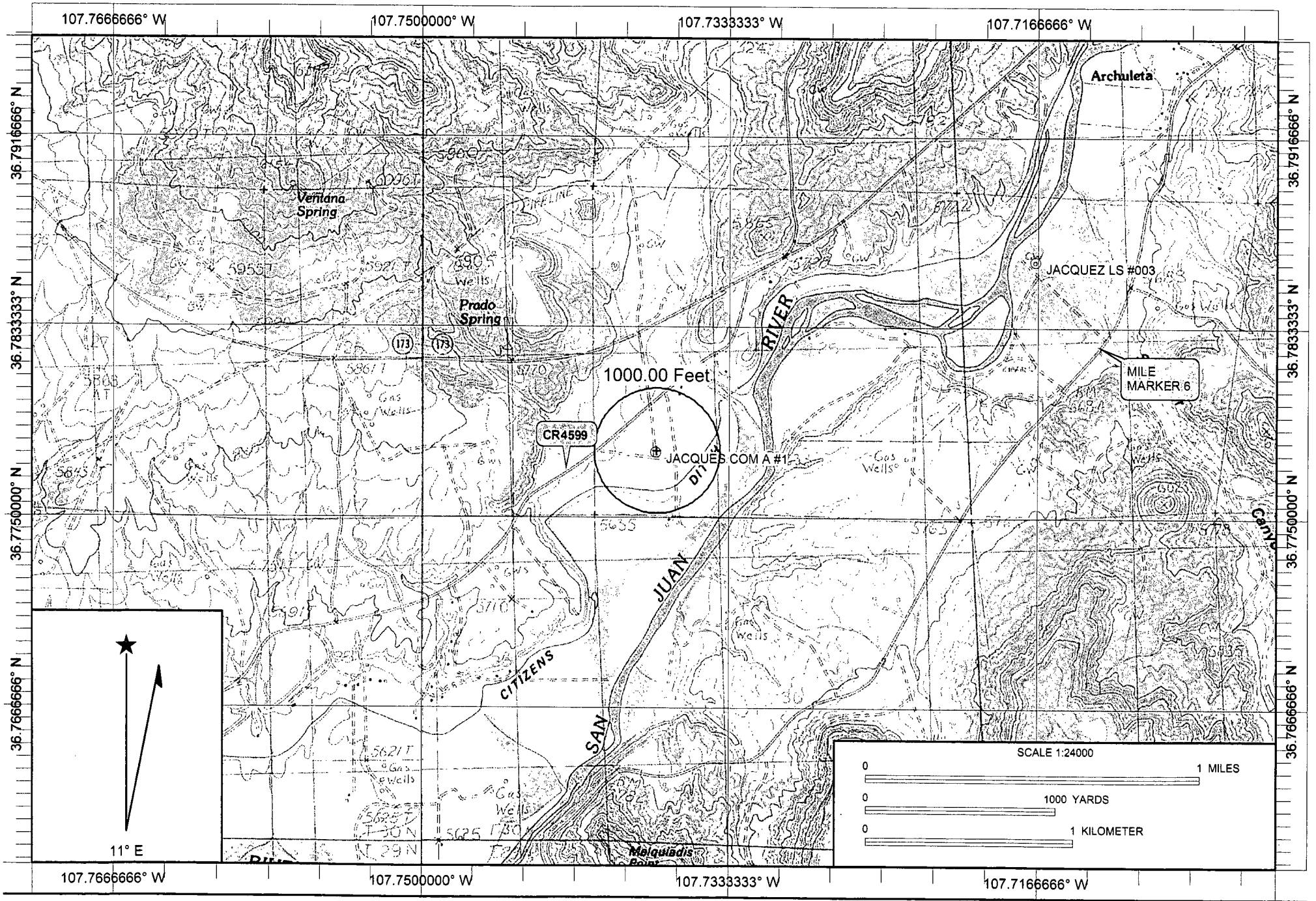
SAME AS ABOVE EXCEPT WITH LARGER SIZE GRAVEL (15.0 - 20.0 FT. BELOW GRADE).

NOTES:
- SAND TO SILTY SAND.
- SILTY CLAY TO CLAY.
- SILTY SAND TO SILTY CLAY.
- SILTY SAND AND GRAVEL.

TOS - Top of screen of monitor well.
TD - Total depth/bottom extent of monitor well.

Monitor well consist of 2 inch PVC piping - casing from 2.60 ft. above grade to 9.90 ft. below grade, 0.010 slotted screen between 9.90 to 19.90 ft. below grade, sand packed annular to 6.0 ft. below grade, bentonite grout between 3.0 to 6.0 ft. below grade, clean fill dirt between grade to 3.0 ft. below grade. Well protector encompassing above grade casing and secured with padlock.

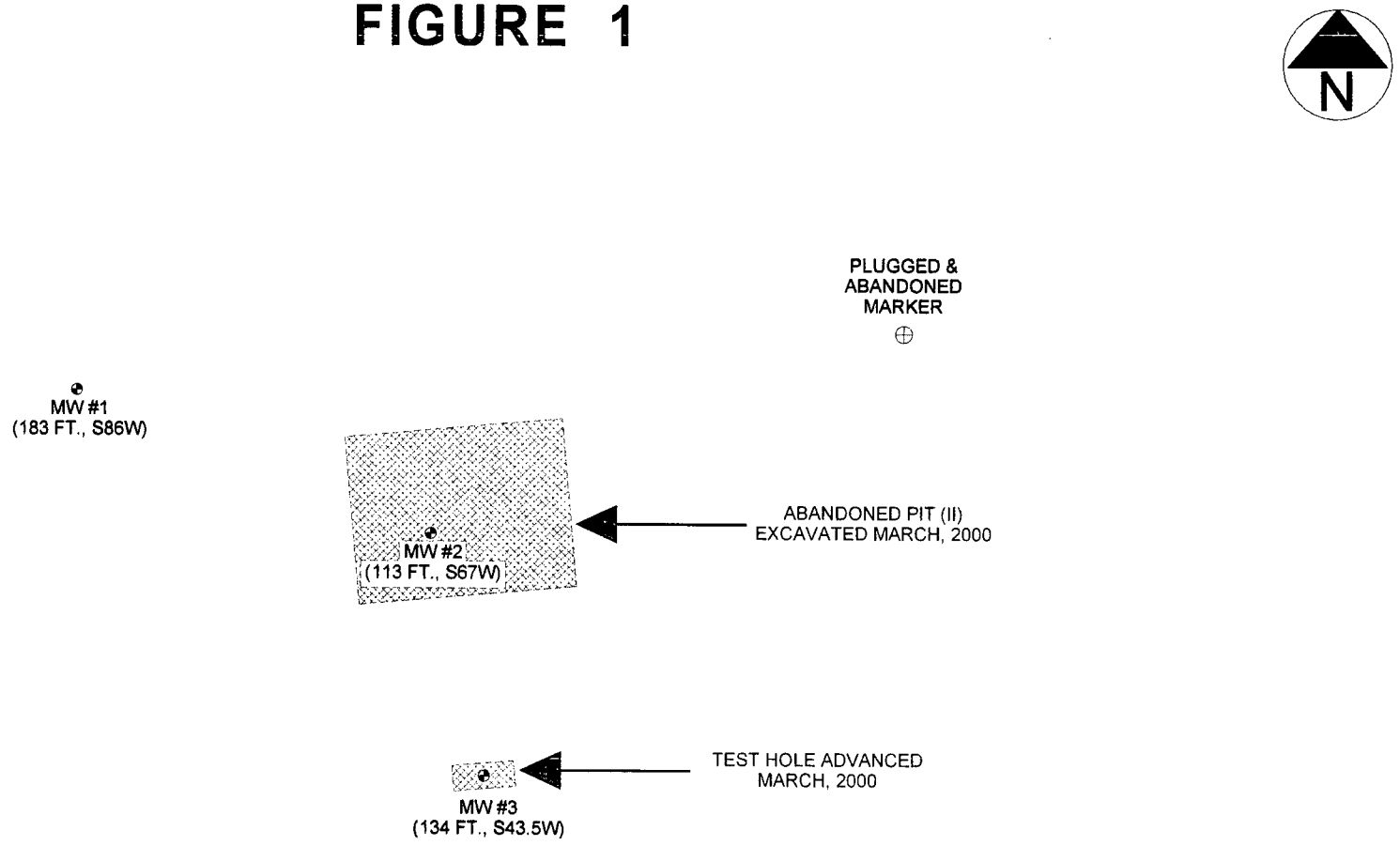
DRAWING: JACQUES COM A # 1 MW3-BH1. SKF | DATE: 11/27/07 | DWN BY: NJV



Name: ARCHULETA
Date: 11/23/2007
Scale: 1 inch equals 2000 feet

Location: 036.7778784° N 107.7373880° W
Caption: JACQUES COM A #1
UNIT M, SEC. 25, T30N, R9W

FIGURE 1



MONITOR WELL LOCATIONS ARE ONLY AS ACCURATE AS THE INSTRUMENTS USED IN OBTAINING THE FOOTAGE & BEARING FROM THE WELL HEAD (TAPE MEASURE, LASER RANGE FINDER, & BRUNTON COMPASS). ALL OTHER STRUCTURES DISPLAYED ON THIS MAP ARE SOLELY FOR REFERENCE AND MAY NOT BE TO SCALE.

1 INCH = 40 FT.

0 40 80 FT.

BP AMERICA PRODUCTION CO.
JACQUES COM A # 1
SW/4 SW/4 SEC. 25, T30N, R9W
SAN JUAN COUNTY, NEW MEXICO

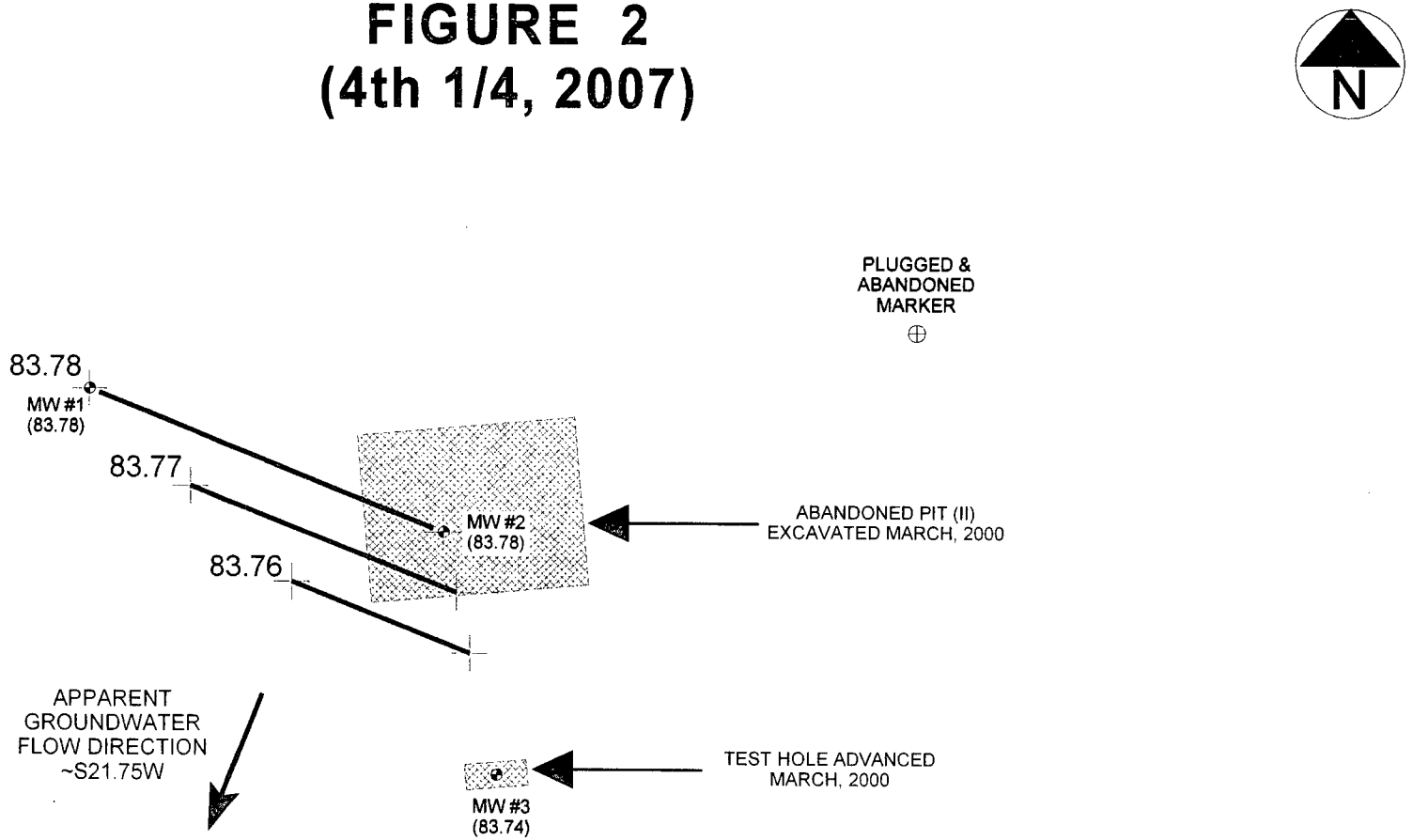
BLAGG ENGINEERING, INC.
CONSULTING PETROLEUM / RECLAMATION SERVICES
P.O. BOX 87
BLOOMFIELD, NEW MEXICO 87413
PHONE: (505) 632-1199

PROJECT: MW INSTALLATIONS
DRAWN BY: NJV
FILENAME: JACQUES COM A 1-SM.SKF
REVISED: 11-27-07 NJV

SITE MAP

11/07

FIGURE 2
(4th 1/4, 2007)



MONITOR WELL LOCATIONS ARE ONLY AS ACCURATE AS THE INSTRUMENTS USED IN OBTAINING THE FOOTAGE & BEARING FROM THE WELL HEAD (TAPE MEASURE, LASER RANGE FINDER, & BRUNTON COMPASS). ALL OTHER STRUCTURES DISPLAYED ON THIS MAP ARE SOLELY FOR REFERENCE AND MAY NOT BE TO SCALE.

	Top of Well Elevation
MW #1	(99.00)
MW #2	(97.37)
MW #3	(97.71)
MW #1 (83.78)	Groundwater Elevation as of 11/29/07.

BP AMERICA PRODUCTION CO.
JACQUES COM A #1
SW/4 SW/4 SEC. 25, T30N, R9W
SAN JUAN COUNTY, NEW MEXICO

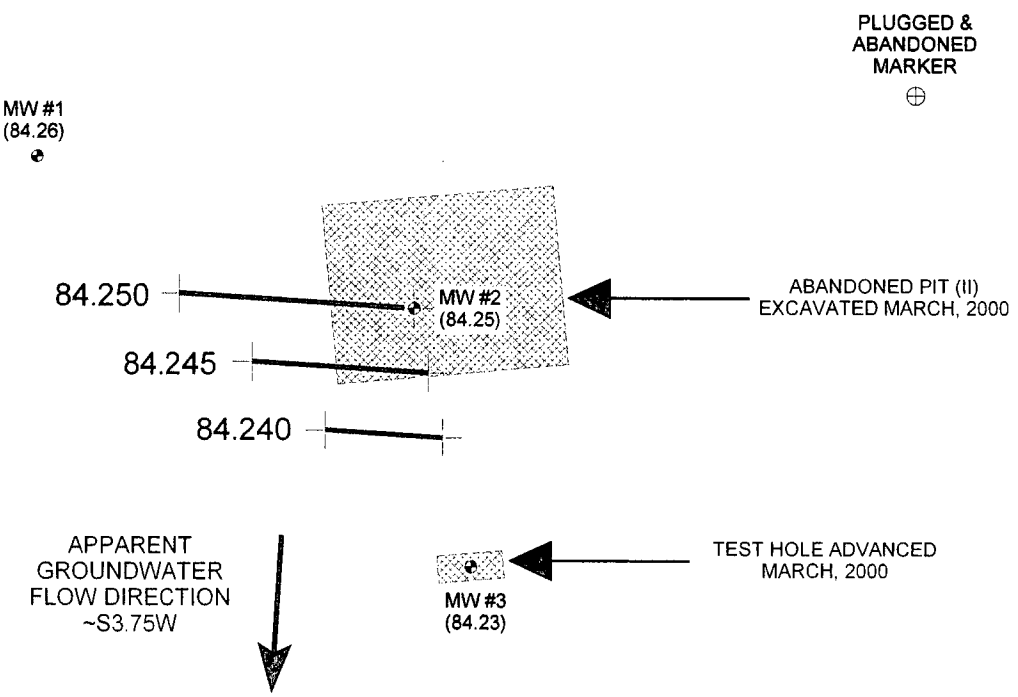
BLAGG ENGINEERING, INC.
CONSULTING PETROLEUM / RECLAMATION SERVICES
P.O. BOX 87
BLOOMFIELD, NEW MEXICO 87413

PROJECT: MW SAMPLING
DRAWN BY: NJV
FILENAME: 11-29-07-GW.SKF
REVISED: 11-29-07 NJV

GROUNDWATER CONTOUR MAP

11/07

FIGURE 3
(2nd 1/4, 2008)



1 INCH = 40 FT.

0 40 80 FT.

MONITOR WELL LOCATIONS ARE ONLY AS ACCURATE AS THE INSTRUMENTS USED IN OBTAINING THE FOOTAGE & BEARING FROM THE WELL HEAD (TAPE MEASURE, LASER RANGE FINDER, & BRUNTON COMPASS). ALL OTHER STRUCTURES DISPLAYED ON THIS MAP ARE SOLELY FOR REFERENCE AND MAY NOT BE TO SCALE.

		Top of Well Elevation
MW #1		(99.00)
MW #2		(97.37)
MW #3		(97.71)
MW #1 (83.78)		Groundwater Elevation as of 4/04/08.

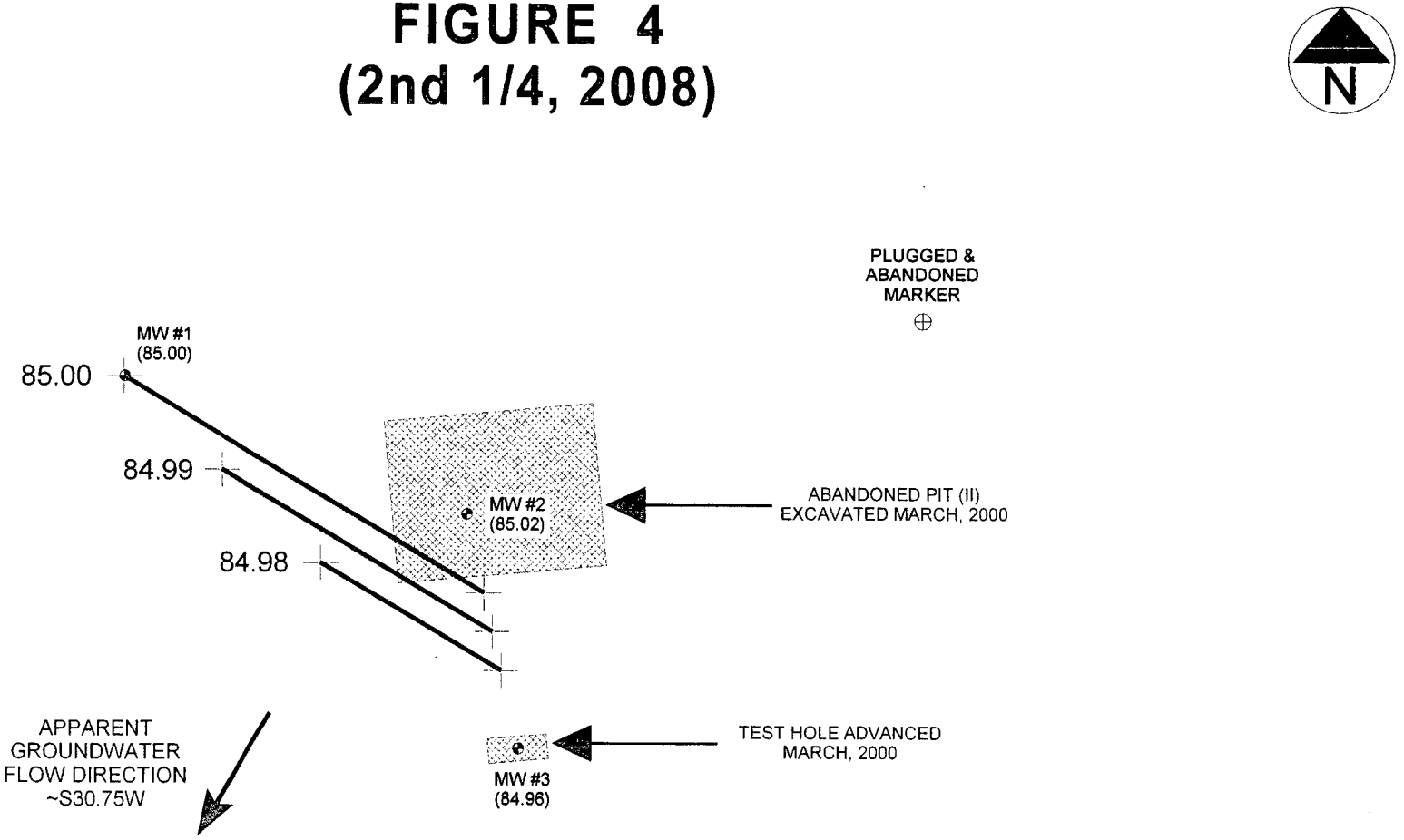
BP AMERICA PRODUCTION CO.
JACQUES COM A #-1
SW/4 SW/4 SEC. 25, T30N, R9W

BLAGG ENGINEERING, INC.
CONSULTING PETROLEUM / RECLAMATION SERVICES
P.O. BOX 87
BLOOMFIELD, NEW MEXICO 87413

PROJECT: MW SAMPLING
DRAWN BY: NJV
FILENAME: 04-04-08-GW.SKF
REVISED: 04-04-08 NJV

GROUNDWATER CONTOUR MAP
04/08

FIGURE 4
(2nd 1/4, 2008)



MONITOR WELL LOCATIONS ARE ONLY AS ACCURATE AS THE INSTRUMENTS USED IN OBTAINING THE FOOTAGE & BEARING FROM THE WELL HEAD (TAPE MEASURE, LASER RANGE FINDER, & BRUNTON COMPASS). ALL OTHER STRUCTURES DISPLAYED ON THIS MAP ARE SOLELY FOR REFERENCE AND MAY NOT BE TO SCALE.

	Top of Well Elevation
MW #1	(99.00)
MW #2	(97.37)
MW #3	(97.71)
MW #1 (85.00)	Groundwater Elevation as of 6/23/08.

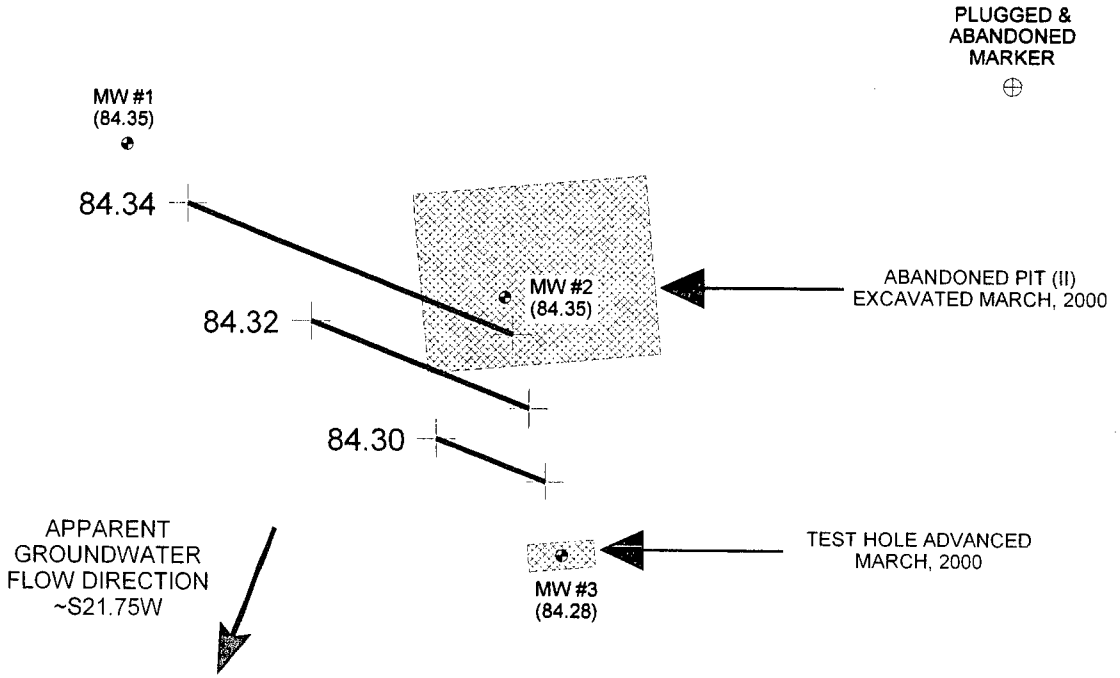
BP AMERICA PRODUCTION CO.
JACQUES COM A # 1
SW/4 SW/4 SEC. 25, T30N, R9W
SAN JUAN COUNTY, NEW MEXICO

BLAGG ENGINEERING, INC.
CONSULTING PETROLEUM / RECLAMATION SERVICES
P.O. BOX 87
BLOOMFIELD, NEW MEXICO 87413
PHONE: (505) 632-1199

PROJECT: MW SAMPLING
DRAWN BY: NJV
FILENAME: 06-23-08-GW.SKF
REVISED: 06-25-08 NJV

GROUNDWATER CONTOUR MAP
06/08

FIGURE 5
(3rd 1/4, 2008)



MONITOR WELL LOCATIONS ARE ONLY AS ACCURATE AS THE INSTRUMENTS USED IN OBTAINING THE FOOTAGE & BEARING FROM THE WELL HEAD (TAPE MEASURE, LASER RANGE FINDER, & BRUNTON COMPASS). ALL OTHER STRUCTURES DISPLAYED ON THIS MAP ARE SOLELY FOR REFERENCE AND MAY NOT BE TO SCALE.

	Top of Well Elevation
MW #1	(99.00)
MW #2	(97.37)
MW #3	(97.71)
MW #1 (84.35)	Groundwater Elevation as of 8/25/08.

BP AMERICA PRODUCTION CO.
JACQUES COM A # 1
SW/4 SW/4 SEC. 25, T30N, R9W
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: MW SAMPLING
DRAWN BY: NJV
FILENAME: 08-25-08-GW.SKF
REVISED: 08-28-08 NJV

GROUNDWATER CONTOUR MAP
08/08

BLAGG ENGINEERING, INC.

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : BP AMERICA PROD. CO. **CHAIN-OF-CUSTODY # :** N / A

JACQUES COM A # 1
UNIT M, SEC. 25, T30N, R9W

LABORATORY (S) USED : HALL ENVIRONMENTAL

Date : November 29, 2007 **SAMPLER :** N J V

Filename : 11-29-07.WK4 **PROJECT MANAGER :** N J V

WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING TIME	pH	CONDUCT (umhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
1	99.00	83.78	15.22	22.50	1310	7.27	3,800	16.5	3.50
2	97.37	83.78	13.59	21.50	1345	7.39	4,800	15.7	2.00
3	97.71	83.74	13.97	22.50	1325	7.42	3,700	15.9	4.25
					INSTRUMENT CALIBRATIONS =	7.00	2,800		
					DATE & TIME =	11/28/07	1410		

NOTES : Volume of water purged from well prior to sampling: V = pi X r2 X h X 7.48 gal./ft3) X 3 (wellbores).
(i.e. 2" MW r = (1/12) ft. h = 1 ft.) (i.e. 4" MW r = (2/12) ft. h = 1 ft.)
Ideally a minimum of three (3) wellbore volumes:
2.00 " well diameter = 0.49 gallons per foot of water.

Comments or note well diameter if not standard 2 ".

MW tops surveyed on 11 / 28 / 07 .
Excellent recovery in MW # 1 , # 3 , poor recovery in MW # 2 . All showed murky brown appearance , slight hydrocarbon odor in MW # 2 . Collected BTEX , anions , pH , TDS , and iron samples from all MW ' s .

Top of casings : MW # 1 ~ 3.20 ft. , MW # 2 ~ 2.10 ft. , MW # 3 ~ 2.60 ft. above grade .

Hall Environmental Analysis Laboratory, Inc.

Date: *11-Dec-07*

CLIENT:	Blagg Engineering	**Client Sample ID:**	MW #1
Lab Order:	0711488	**Collection Date:**	11/29/2007 1:10:00 PM
Project:	Jacquez Com A #1 (Jacques #1)	**Date Received:**	11/30/2007
Lab ID:	0711488-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	12/5/2007 5:09:19 PM
Toluene	ND	1.0		µg/L	1	12/5/2007 5:09:19 PM
Ethylbenzene	ND	1.0		µg/L	1	12/5/2007 5:09:19 PM
Xylenes, Total	ND	2.0		µg/L	1	12/5/2007 5:09:19 PM
Surr: 4-Bromofluorobenzene	86.6	70.2-105		%REC	1	12/5/2007 5:09:19 PM
EPA METHOD 300.0: ANIONS						Analyst: **SMP**
Fluoride	1.2	1.0		mg/L	10	12/8/2007 12:35:11 PM
Chloride	89	1.0		mg/L	10	12/8/2007 12:35:11 PM
Nitrogen, Nitrite (As N)	ND	1.0	H	mg/L	10	12/8/2007 12:35:11 PM
Nitrogen, Nitrate (As N)	1.1	1.0	H	mg/L	10	12/8/2007 12:35:11 PM
Phosphorus, Orthophosphate (As P)	ND	5.0	H	mg/L	10	12/8/2007 12:35:11 PM
Sulfate	2900	25		mg/L	50	12/8/2007 1:27:25 PM
FERROUS IRON						Analyst: **SLB**
Ferrous Iron	ND	0.10		mg/L	1	12/3/2007
SM4500-H+B: PH						Analyst: **LMM**
pH	7.32	0.1		pH units	1	11/30/2007
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	4800	400		mg/L	1	12/4/2007

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *11-Dec-07*

CLIENT:	Blagg Engineering	**Client Sample ID:**	MW #2
Lab Order:	0711488	**Collection Date:**	11/29/2007 1:45:00 PM
Project:	Jacquez Com A #1 (Jacques #1)	**Date Received:**	11/30/2007
Lab ID:	0711488-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	12/5/2007 6:09:34 PM
Toluene	ND	1.0		µg/L	1	12/5/2007 6:09:34 PM
Ethylbenzene	16	1.0		µg/L	1	12/5/2007 6:09:34 PM
Xylenes, Total	19	2.0		µg/L	1	12/5/2007 6:09:34 PM
Surr: 4-Bromofluorobenzene	107	70.2-105	S	%REC	1	12/5/2007 6:09:34 PM
EPA METHOD 300.0: ANIONS						Analyst: **SMP**
Fluoride	1.0	1.0		mg/L	10	12/8/2007 12:52:35 PM
Chloride	230	1.0		mg/L	10	12/8/2007 12:52:35 PM
Nitrogen, Nitrite (As N)	ND	1.0	H	mg/L	10	12/8/2007 12:52:35 PM
Nitrogen, Nitrate (As N)	ND	1.0	H	mg/L	10	12/8/2007 12:52:35 PM
Phosphorus, Orthophosphate (As P)	ND	5.0	H	mg/L	10	12/8/2007 12:52:35 PM
Sulfate	3900	25		mg/L	50	12/8/2007 1:44:49 PM
FERROUS IRON						Analyst: **SLB**
Ferrous Iron	ND	0.10		mg/L	1	12/3/2007
SM4500-H+B: PH						Analyst: **LMM**
pH	7.43	0.1		pH units	1	11/30/2007
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	5800	400		mg/L	1	12/4/2007

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *11-Dec-07*

CLIENT:	Blagg Engineering	**Client Sample ID:**	MW #3
Lab Order:	0711488	**Collection Date:**	11/29/2007 1:25:00 PM
Project:	Jacquez Com A #1 (Jacques #1)	**Date Received:**	11/30/2007
Lab ID:	0711488-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	12/5/2007 6:39:37 PM
Toluene	ND	1.0		µg/L	1	12/5/2007 6:39:37 PM
Ethylbenzene	ND	1.0		µg/L	1	12/5/2007 6:39:37 PM
Xylenes, Total	ND	2.0		µg/L	1	12/5/2007 6:39:37 PM
Surr: 4-Bromofluorobenzene	89.5	70.2-105		%REC	1	12/5/2007 6:39:37 PM
EPA METHOD 300.0: ANIONS						Analyst: **SMP**
Fluoride	ND	1.0		mg/L	10	12/8/2007 1:10:00 PM
Chloride	71	1.0		mg/L	10	12/8/2007 1:10:00 PM
Nitrogen, Nitrite (As N)	ND	1.0	H	mg/L	10	12/8/2007 1:10:00 PM
Nitrogen, Nitrate (As N)	1.5	1.0	H	mg/L	10	12/8/2007 1:10:00 PM
Phosphorus, Orthophosphate (As P)	ND	5.0	H	mg/L	10	12/8/2007 1:10:00 PM
Sulfate	2600	25		mg/L	50	12/8/2007 2:02:14 PM
FERROUS IRON						Analyst: **SLB**
Ferrous Iron	ND	0.10		mg/L	1	12/3/2007
SM4500-H+B: PH						Analyst: **LMM**
pH	7.31	0.1		pH units	1	11/30/2007
SM 2540C: TDS						Analyst: **TAF**
Total Dissolved Solids	4500	200		mg/L	1	12/4/2007

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CHAIN-OF-CUSTODY RECORD

QA / QC Package: Std ☐ Level 4 ☐
Other:

Client: BLAKE ENER. / BP AMERICA
Address: P.O. BOX 87
BLFD., NM 87413
Phone #: 632-1199
Fax #:

Project Name: JACQUES com A #1 (JACQUES #1)
Project #:
Project Manager: NV
Sampler: NV
Sample Temperature: 3°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative: $HgCl_2$	Preservative: HNO_3	Preservative: HCl	HEAL No. 0711488	(BTEX) + MTBE + TMB's (8021B)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	pH	TDS	Fe 2+		Air Bubbles or Headspace (Y or N)
11/29/07	1310	WATER	MW #1	2-40ml	✓			1	✓																
"	"	"	"	1-125ml			✓	1															✓		
"	"	"	"	1-~~250~~ 500 ml				1									✓				✓	✓			
11/29/07	1345	WATER	MW #2	2-40ml	✓			2	✓																
"	"	"	"	1-125ml			✓	2															✓		
"	"	"	"	1-500ml				2									✓				✓	✓			
11/29/07	1325	WATER	MW #3	2-40ml	✓			3	✓																
"	"	"	"	1-125ml			✓	3															✓		
"	"	"	"	1-500ml				3									✓				✓	✓			

Date: 11/29/07 Time: 1620 Relinquished By: (Signature) Received By: (Signature) 11/30/07 1000
Date: Time: Relinquished By: (Signature) Received By: (Signature)

Remarks:

QA/QC SUMMARY REPORT

Client: Blagg Engineering
Project: Jacquez Com A #1 (Jacques #1) **Work Order:** 0711488

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MBLK		*MBLK*			Batch ID: **R26423**		Analysis Date:	12/8/2007 12:00:23 PM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Method: Ferrous Iron									
Sample ID: 0711488-03C MSD		*MSD*			Batch ID: **R26321**		Analysis Date:	12/3/2007	
Ferrous Iron	0.9240	mg/L	0.10	92.4	50	150	4.55	20	
Sample ID: 0711488-03C MS		*MS*			Batch ID: **R26321**		Analysis Date:	12/3/2007	
Ferrous Iron	0.9670	mg/L	0.10	96.7	50	150			
Method: EPA Method 8021B: Volatiles									
Sample ID: 5ML RB		*MBLK*			Batch ID: **R26381**		Analysis Date:	12/5/2007 8:29:31 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID: **R26381**		Analysis Date:	12/5/2007 11:44:35 PM	
Benzene	19.64	µg/L	1.0	98.2	85.9	113			
Toluene	19.43	µg/L	1.0	96.6	86.4	113			
Ethylbenzene	19.64	µg/L	1.0	98.2	83.5	118			
Xylenes, Total	59.27	µg/L	2.0	98.8	83.4	122			
Sample ID: 100NG BTEX LCSD		*LCSD*			Batch ID: **R26381**		Analysis Date:	12/6/2007 12:14:45 AM	
Benzene	20.41	µg/L	1.0	102	85.9	113	3.85	27	
Toluene	20.15	µg/L	1.0	100	86.4	113	3.66	19	
Ethylbenzene	20.53	µg/L	1.0	103	83.5	118	4.42	10	
Xylenes, Total	61.86	µg/L	2.0	103	83.4	122	4.28	13	
Method: SM 2540C: TDS									
Sample ID: MB-14556		*MBLK*			Batch ID: **14556**		Analysis Date:	12/4/2007	
Total Dissolved Solids	ND	mg/L	20						
Sample ID: LCS-14556		*LCS*			Batch ID: **14556**		Analysis Date:	12/4/2007	
Total Dissolved Solids	1037	mg/L	20	103	80	120			

Qualifiers:

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
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name BLAGG | Date Received: 11/30/2007

Work Order Number 0711488 | Received by: TLS

Checklist completed by: Tanya Shomin (Signature) 11/30/07 (Date) | Sample ID labels checked by (Initials) TS

Matrix | Carrier name UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	3°	<6° C *Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

_____

_____

_____

_____

Corrective Action _____

_____

_____

BLAGG ENGINEERING, INC.

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : BP AMERICA PROD. CO.

CHAIN-OF-CUSTODY # : 156387

JACQUES COM A # 1
UNIT M, SEC. 25, T30N, R9W

LABORATORY (S) USED : PACE ANALYTICAL

Date : April 4, 2008

SAMPLER : N J V

Filename : 04-04-08.WK4

PROJECT MANAGER : N J V

WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING TIME	pH	CONDUCT (umhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
1	99.00	84.26	14.74	22.50	-	-	-	-	-
2	97.37	84.25	13.12	21.50	1230	6.99	4,700	17.8	2.00
3	97.71	84.23	13.48	22.50	1150	7.09	3,400	19.0	4.50
					INSTRUMENT CALIBRATIONS =	4.01/7.00/10.00	2,800		
					DATE & TIME =	04/03/08	1030		

NOTES : Volume of water purged from well prior to sampling: V = pi X r2 X h X 7.48 gal./ft3) X 3 (wellbores).
(i.e. 2" MW r = (1/12) ft. h = 1 ft.) (i.e. 4" MW r = (2/12) ft. h = 1 ft.)
Ideally a minimum of three (3) wellbore volumes:
2.00 " well diameter = 0.49 gallons per foot of water.

Comments or note well diameter if not standard 2 ".

Excellent recovery in MW # # 3 , fair / poor recovery in MW # 2 . Both showed murky brown appearance , no apparent hydrocarbon odor in MW # 2 . Collected samples for BTEX per US EPA Method 8260 from MW # 2 & # 3 only .

Top of casings : MW # 1 ~ 3.20 ft. , MW # 2 ~ 2.10 ft. , MW # 3 ~ 2.60 ft. above grade .

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Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: JACQUEZ COM A #1
Pace Project No.: 6038273

Sample: MW #2 **Lab ID: 6038273001** Collected: 04/04/08 12:30 Received: 04/08/08 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		04/12/08 08:41	71-43-2	
Ethylbenzene	**1.3**	ug/L	1.0	1		04/12/08 08:41	100-41-4	
Toluene	ND	ug/L	1.0	1		04/12/08 08:41	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		04/12/08 08:41	1330-20-7	
Dibromofluoromethane (S)	99	%	85-114	1		04/12/08 08:41	1868-53-7	
Toluene-d8 (S)	102	%	82-114	1		04/12/08 08:41	2037-26-5	
4-Bromofluorobenzene (S)	100	%	85-119	1		04/12/08 08:41	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	81-118	1		04/12/08 08:41	17060-07-0	
Preservation pH	**1.0**		1.0	1		04/12/08 08:41		

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ANALYTICAL RESULTS

Project: JACQUEZ COM A #1
Pace Project No.: 6038273

Sample: MW #3 **Lab ID: 6038273002** Collected: 04/04/08 11:50 Received: 04/08/08 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		04/12/08 08:57	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		04/12/08 08:57	100-41-4	
Toluene	ND	ug/L	1.0	1		04/12/08 08:57	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		04/12/08 08:57	1330-20-7	
Dibromofluoromethane (S)	99	%	85-114	1		04/12/08 08:57	1868-53-7	
Toluene-d8 (S)	99	%	82-114	1		04/12/08 08:57	2037-26-5	
4-Bromofluorobenzene (S)	92	%	85-119	1		04/12/08 08:57	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	81-118	1		04/12/08 08:57	17060-07-0	
Preservation pH	**1.0**		1.0	1		04/12/08 08:57		

156387

Chain of Custody Record

Project Name: JACQUES Com A #1
BP BU/AR Region/Enfos Segment: SAN JUAN OC SOUTH
State or Lead Regulatory Agency: NMOCD
Requested Due Date (mm/dd/yy): 4/18/08

On-site Time:	11:00	Temp:	53°F
Off-site Time:	12:45	Temp:	57°F
Sky Conditions:	SUNNY		
Meteorological Events:			
Wind Speed:	0-5 MPH	Direction:	WEST

Lab Name: PACE ANALYTICAL	BP/AR Facility No.: WR192506	Consultant/Contractor: BLAGG/WRS
Address: 9608 LOIRET BLVD LENEXA, KS 66219	BP/AR Facility Address:	Address: 110 N. FOURTH ST. BLOOMFIELD, NM 87413
Lab PM: MARY JANE WALLS	Site Lat/Long:	
Tele/Fax: (913) 599-5665 FAX: (913) 599-1759	California Global ID No.:	Consultant/Contractor Project No.: 410088810
BP/AR PM Contact: MIKE WHELAN, PG	Enfos Project No.: 00194	Consultant/Contractor PM: NELSON VELEZ
Address: 501 WESTLAKE PARK BLVD. RM. 28.144B HOUSTON, TX 77079	Provision or RCOP (circle one)	Tele/Fax: (505) 632-1199 FAX: (505) 632-3982
Tele/Fax: (281) 366-7485 FAX: (281) 366-7094	Phase/WBS:	Report Type & QC Level: STANDARD
	Sub Phase/Task:	E-mail EDD To: blagg-niv@yahoo.com
	Cost Element: 01	Invoice to: Consultant or BP or Atlantic Richfield Co. (circle one)

Lab Bottle Order No: 603273

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: BTEX 8021	Requested Analysis: BTEX/TPH	Requested Analysis: BTEX/Oxy/TPH	Requested Analysis: EPA 8260	Requested Analysis: EPA 8270	Requested Analysis: 300.0 Cl	Sample Point Lat/Long and Comments
1	MW #2	4/4/08	1230		✓			3				✓					✓		✓	001
2	MW #3	4/4/08	1150		✓			3				✓					✓		✓	002
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Sampler's Name: NELSON VELEZ	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date / Time
Sampler's Company: BLAGG ENGINEERING, INC.	Nelson Vel - BLAGG ENER.	4/7/08	1530		4/8/08 0830
Shipment Date: APRIL 7, 2008					
Shipment Method: FED EX OVERNITE					
Shipment Tracking No:					

Special Instructions: REPORT BTEX CONSTITUENTS ONLY. SAN JUAN COUNTY, NM

Custody Seals In Place Yes X No ___ Temp Blank Yes X No ___ Cooler Temperature on Receipt 3.9 °F/C Trip Blank Yes X No ___

LABORATORY

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Lenexa, KS 66219
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SAMPLE SUMMARY

Project: JACQUEZ COM A #1
Pace Project No.: 6038273

Lab ID	Sample ID	Matrix	Date Collected	Date Received
6038273001	**MW #2**	Water	04/04/08 12:30	04/08/08 08:45
6038273002	**MW #3**	Water	04/04/08 11:50	04/08/08 08:45

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SAMPLE ANALYTE COUNT

Project: JACQUEZ COM A #1
Pace Project No.: 6038273

Lab ID	Sample ID	Method	Analysts	Analytes Reported
6038273001	**MW #2**	EPA 8260	JKL	9
6038273002	**MW #3**	EPA 8260	JKL	9

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PROJECT NARRATIVE

Project: JACQUEZ COM A #1
Pace Project No.: 6038273

Method: **EPA 8260**
Description: 8260 MSV UST, Water
Client: BP-Blagg Engineering
Date: April 15, 2008

General Information:
2 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/13967

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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QUALITY CONTROL DATA

Project: JACQUEZ COM A #1
Pace Project No.: 6038273

QC Batch: MSV/13967
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 6038273001, 6038273002

METHOD BLANK: 311355
Associated Lab Samples: 6038273001, 6038273002

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzene	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
Toluene	ug/L	ND	1.0	
Xylene (Total)	ug/L	ND	3.0	
1,2-Dichloroethane-d4 (S)	%	108	81-118	
4-Bromofluorobenzene (S)	%	93	85-119	
Dibromofluoromethane (S)	%	99	85-114	
Toluene-d8 (S)	%	101	82-114	

LABORATORY CONTROL SAMPLE: 311356

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	10	9.2	92	87-117	
Ethylbenzene	ug/L	10	8.9	89	84-123	
Toluene	ug/L	10	8.7	87	81-124	
Xylene (Total)	ug/L	30	26.7	89	83-125	
1,2-Dichloroethane-d4 (S)	%			106	81-118	
4-Bromofluorobenzene (S)	%			91	85-119	
Dibromofluoromethane (S)	%			101	85-114	
Toluene-d8 (S)	%			101	82-114	

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QUALIFIERS

Project: JACQUEZ COM A #1
Pace Project No.: 6038273

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

BATCH QUALIFIERS

Batch: MSV/13967

[1] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: JACQUEZ COM A #1
Pace Project No.: 6038273

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
6038273001	**MW #2**	EPA 8260	MSV/13967		
6038273002	**MW #3**	EPA 8260	MSV/13967		

Sample Condition Upon Receipt

Pace Analytical

Client Name: BOURS

Project # 60038273

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 499 4348 705

Optional
Proj. Due Date:
Proj. Name: 4/18/08

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used: T-168 / T-169 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 3.6 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: BW 4/9/08

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC:	☑Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT				
All containers needing preservation have been checked.	☐Yes	☐No	☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes	☐No		Initial when completed: GC — Lot # of added preservative:
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	15.
Trip Blank Present:	☑Yes	☐No	☐N/A	16. 3 TB Sent w/ multiple projects
Trip Blank Custody Seals Present	☐Yes	☑No	☐N/A	
Pace Trip Blank Lot # (if purchased): 0307w8-3				GC

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: MW 4/9/08 **Date:** _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

BLAGG ENGINEERING, INC.

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : BP AMERICA PROD. CO.

CHAIN-OF-CUSTODY # : N / A

JACQUES COM A # 1
UNIT M, SEC. 25, T30N, R9W

LABORATORY (S) USED : PACE ANALYTICAL

Date : June 23, 2008

SAMPLER : N J V

Filename : 06-23-08.WK4

PROJECT MANAGER : N J V

WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING TIME	pH	CONDUCT (umhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
1	99.00	85.00	14.00	22.50	-	-	-	-	-
2	97.37	85.02	12.35	21.50	1050	7.42	2,400	20.9	2.00
3	97.71	84.96	12.75	22.50	1030	7.30	2,600	18.8	4.75

INSTRUMENT CALIBRATIONS =	4.01/7.00/10.00	2,800
DATE & TIME =	06/23/08	0634

NOTES : Volume of water purged from well prior to sampling; V = pi X r2 X h X 7.48 gal./ft3) X 3 (wellbores).
(i.e. 2" MW r = (1/12) ft. h = 1 ft.) (i.e. 4" MW r = (2/12) ft. h = 1 ft.)
Ideally a minimum of three (3) wellbore volumes:
2.00 " well diameter = 0.49 gallons per foot of water.

Comments or note well diameter if not standard 2 ".

Excellent recovery in MW # # 3 , fair / poor recovery in MW # 2 . Both showed murky brown appearance , no apparent hydrocarbon odor in MW # 2 . Collected samples for BTEX per US EPA Method 8260 from MW # 2 & # 3 only .

Top of casings : MW # 1 ~ 3.20 ft. , MW # 2 ~ 2.10 ft. , MW # 3 ~ 2.60 ft. above grade .

on-site	9:49	temp	82
off-site	11:00	temp	86
sky cond.	sunny		
wind speed	0-5	direct.	north

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9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: JACQUES COM A 1
Pace Project No.: 6042387

Sample: MW #2 **Lab ID: 6042387001** Collected: 06/23/08 10:50 Received: 06/25/08 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/27/08 01:32	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		06/27/08 01:32	100-41-4	
Toluene	ND	ug/L	1.0	1		06/27/08 01:32	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/27/08 01:32	1330-20-7	
Dibromofluoromethane (S)	95	%	85-114	1		06/27/08 01:32	1868-53-7	
Toluene-d8 (S)	102	%	82-114	1		06/27/08 01:32	2037-26-5	
4-Bromofluorobenzene (S)	100	%	85-119	1		06/27/08 01:32	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	81-118	1		06/27/08 01:32	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/27/08 01:32		

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ANALYTICAL RESULTS

Project: JACQUES COM A 1
Pace Project No.: 6042387

Sample: MW #3 **Lab ID: 6042387002** Collected: 06/23/08 10:30 Received: 06/25/08 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST, Water	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		06/27/08 01:47	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		06/27/08 01:47	100-41-4	
Toluene	ND	ug/L	1.0	1		06/27/08 01:47	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/27/08 01:47	1330-20-7	
Dibromofluoromethane (S)	97	%	85-114	1		06/27/08 01:47	1868-53-7	
Toluene-d8 (S)	101	%	82-114	1		06/27/08 01:47	2037-26-5	
4-Bromofluorobenzene (S)	100	%	85-119	1		06/27/08 01:47	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	81-118	1		06/27/08 01:47	17060-07-0	
Preservation pH	**1.0**		1.0	1		06/27/08 01:47		

Page 1 of 1

Atlantic Richfield Company

A BP affiliated company

Chain of Custody Record

Project Name: JACQUES COM A 1
BP BU/AR Region/Enfos Segment: SJOC SOUTH
State or Lead Regulatory Agency: NMOCD
Requested Due Date (mm/dd/yy): 6/27/08

On-site Time:	9:49	Temp:	82 °F
Off-site Time:	11:00	Temp:	86 °F
Sky Conditions:	SUNNY		
Meteorological Events:			
Wind Speed:	0-5	Direction:	NORTH

Lab Name: Pace Analytical Services, Inc.	BP/AR Facility No.:	Consultant/Contractor: Blagg/URS
Address: 9609 Loiret Blvd	BP/AR Facility Address:	Address: 110 N. Forth St.
Lenexa, KS 66219	Site Lat/Long:	Bloomfield, NM 87413
Lab PM: MJ Walls	California Global ID No.:	Consultant/Contractor Project No.:
Tele/Fax: 913-563-1401	Enfos Project No.: 00194-0001	Consultant/Contractor PM: Nelson Velez
BP/AR EMB: Mike Whelan	Provision or OOC (circle one)	Tele: (505) 632-1199 Fax: (505) 632-3903
Address: 501 Westlake Park Blvd.	Phase/WBS:	Report Type & QC Level: STD
Rm28, 144B Houston, TX 77079	Sub Phase/Task:	E-Mail EDD To: blagg-njv@yahoo.com
Tele: (281) 366-7485 Fax: (281) 366-7094	Cost Element:	Invoice to: Consultant or BP or (Atlantic Richfield Co.) (circle one)

Lab Bottle Order No: 17709

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: BTEX (8260)	Requested Analysis: 3 (OGAA)	Sample Point Lat/Long and Comments
1	MW #2	1050	6/23/08		✓		001	3				✓		✓	3 (OGAA)	
2	MW #3	1030	6/23/08		✓		002	3				✓		✓	↓	
3																
4																
5																
6																
7																
8																
9																
10																

6042387

Sampler's Name: NELSON VELEZ
Sampler's Company: BLAGG ENER., INC.
Shipment Date: 6/23/08 NV
Shipment Method: FED. EX.
Shipment Tracking No: 8643 6004 9420

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Nelson Velez	6/24/08	1645		6/25	900

Special Instructions: REPORT BTEX CONSTITUENTS ONLY. SAN JUAN COUNTY, N.M.

Custody Seals In Place: (Yes) / No | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 3.5 °F/C | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: Yes / (No)

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SAMPLE SUMMARY

Project: JACQUES COM A 1
Pace Project No.: 6042387

Lab ID	Sample ID	Matrix	Date Collected	Date Received
6042387001	**MW #2**	Water	06/23/08 10:50	06/25/08 09:00
6042387002	**MW #3**	Water	06/23/08 10:30	06/25/08 09:00

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SAMPLE ANALYTE COUNT

Project: JACQUES COM A 1
Pace Project No.: 6042387

Lab ID	Sample ID	Method	Analysts	Analytes Reported
6042387001	**MW #2**	EPA 8260	SSM	9
6042387002	**MW #3**	EPA 8260	SSM	9

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PROJECT NARRATIVE

Project: JACQUES COM A 1
Pace Project No.: 6042387

Method: **EPA 8260**
Description: 8260 MSV UST, Water
Client: BP-Blagg Engineering
Date: June 27, 2008

General Information:
2 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/15384

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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QUALITY CONTROL DATA

Project: JACQUES COM A 1
Pace Project No.: 6042387

QC Batch: MSV/15384
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV UST-WATER
Associated Lab Samples: 6042387001, 6042387002

METHOD BLANK: 344275
Associated Lab Samples: 6042387001, 6042387002

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzene	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
Toluene	ug/L	ND	1.0	
Xylene (Total)	ug/L	ND	3.0	
1,2-Dichloroethane-d4 (S)	%	95	81-118	
4-Bromofluorobenzene (S)	%	101	85-119	
Dibromofluoromethane (S)	%	94	85-114	
Toluene-d8 (S)	%	103	82-114	

LABORATORY CONTROL SAMPLE: 344276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	10	9.1	91	87-117	
Ethylbenzene	ug/L	10	9.6	96	84-123	
Toluene	ug/L	10	9.4	94	81-124	
Xylene (Total)	ug/L	30	27.3	91	83-125	
1,2-Dichloroethane-d4 (S)	%			94	81-118	
4-Bromofluorobenzene (S)	%			103	85-119	
Dibromofluoromethane (S)	%			97	85-114	
Toluene-d8 (S)	%			101	82-114	

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QUALIFIERS

Project: JACQUES COM A 1
Pace Project No.: 6042387

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
S - Surrogate
1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

BATCH QUALIFIERS

Batch: MSV/15384
[1] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: JACQUES COM A 1
Pace Project No.: 6042387

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
6042387001	**MW #2**	EPA 8260	MSV/15384		
6042387002	**MW #3**	EPA 8260	MSV/15384		

Sample Condition Upon Receipt

Pace Analytical

Client Name: BP BLAGG

Project # 6042387

Optional
Proj. Due Date: 7/8 6/27
Proj. Name: Jacques Com A1

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: on COC

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____

Thermometer Used: T-169 / T-179 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 3-5 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: BN 6/25

Temp should be above freezing to 6°C

Comments: S: 1006 E: 1015

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.	
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.	
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.	
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.	
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.	
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.	
Rush Turn Around Time Requested:	☑Yes ☐No ☐N/A	7.	2DAY
Sufficient Volume:	☑Yes ☐No ☐N/A	8.	
Correct Containers Used:	☑Yes ☐No ☐N/A	9.	
-Pace Containers Used:	☑Yes ☐No ☐N/A		
Containers Intact:	☑Yes ☐No ☐N/A	10.	
Filtered volume received for Dissolved tests	☐Yes ☑No ☐N/A	11.	
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.	
-Includes date/time/ID/Analysis Matrix: WT			
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.	
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A		
exceptions: (VOA) coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	Initial when completed	Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.	
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.	
Trip Blank Present:	☐Yes ☑No ☐N/A	16.	
Trip Blank Custody Seals Present	☐Yes ☑No ☐N/A		
Pace Trip Blank Lot # (if purchased):			

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [signature] 6/25/08 **Date:** _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

BLAGG ENGINEERING, INC.

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : BP AMERICA PROD. CO.

CHAIN-OF-CUSTODY # : N / A

JACQUES COM A # 1
UNIT M, SEC. 25, T30N, R9W

LABORATORY (S) USED : HALL ENVIRONMENTAL

Date : August 25, 2008

SAMPLER : N J V

Filename : 08-25-08.WK4

PROJECT MANAGER : N J V

WELL #	WELL ELEV. (ft)	WATER ELEV. (ft)	DEPTH TO WATER (ft)	TOTAL DEPTH (ft)	SAMPLING TIME	pH	CONDUCT (umhos)	TEMP. (celcius)	VOLUME PURGED (gal.)
1	99.00	84.35	14.65	22.50	-	-	-	-	-
2	97.37	84.35	13.02	21.50	1210	7.23	3,100	22.5	2.00
3	97.71	84.28	13.43	22.50	1150	7.26	2,500	23.4	4.50
					INSTRUMENT CALIBRATIONS =	4.01/7.00/10.00	2,800		
					DATE & TIME =	08/25/08	0730		

NOTES : Volume of water purged from well prior to sampling: V = pi X r2 X h X 7.48 gal./ft3) X 3 (wellbores).
(i.e. 2" MW r = (1/12) ft. h = 1 ft.) (i.e. 4" MW r = (2/12) ft. h = 1 ft.)
Ideally a minimum of three (3) wellbore volumes:
2.00 " well diameter = 0.49 gallons per foot of water.

Comments or note well diameter if not standard 2 ".

Excellent recovery in MW # # 3 , fair / poor recovery in MW # 2 . Both showed murky brown appearance , no apparent hydrocarbon odor in MW # 2 . Collected samples for BTEX per US EPA Method 8021B from MW # 2 & # 3 only .

Top of casings : MW # 1 ~ 3.20 ft. , MW # 2 ~ 2.10 ft. , MW # 3 ~ 2.60 ft. above grade .

on-site	11:14	temp	82
off-site	12:22	temp	86
sky cond.	Mostly sunny		
wind speed	0-5	direct.	southwest

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Sep-08*

CLIENT: Blagg Engineering
Project: Jacques Com A #1
Lab Order: 0808411

Lab ID: 0808411-01 **Collection Date:** 8/25/2008 12:10:00 PM
Client Sample ID: MW #2 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Benzene	ND	1.0		µg/L	1	9/5/2008 1:04:00 AM
Toluene	ND	1.0		µg/L	1	9/5/2008 1:04:00 AM
Ethylbenzene	ND	1.0		µg/L	1	9/5/2008 1:04:00 AM
Xylenes, Total	ND	2.0		µg/L	1	9/5/2008 1:04:00 AM
Surr: 4-Bromofluorobenzene	109	65.9-130		%REC	1	9/5/2008 1:04:00 AM

Lab ID: 0808411-02 **Collection Date:** 8/25/2008 11:50:00 AM
Client Sample ID: MW #3 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Benzene	ND	1.0		µg/L	1	9/5/2008 1:34:16 AM
Toluene	ND	1.0		µg/L	1	9/5/2008 1:34:16 AM
Ethylbenzene	ND	1.0		µg/L	1	9/5/2008 1:34:16 AM
Xylenes, Total	ND	2.0		µg/L	1	9/5/2008 1:34:16 AM
Surr: 4-Bromofluorobenzene	88.6	65.9-130		%REC	1	9/5/2008 1:34:16 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Chain-of-Custody Record

Client: BLAGG ENER. / BP AMERICA

Address: P.O. BOX 87
BLFD. NM 87413

Phone #: 632-1199

email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: JACQUES Com A #1

Project #:

Project Manager: NELSON VELEZ

Sampler: NELSON VELEZ

On Ice: ☒ Yes ☐ No

Sample Temperature: 4°

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	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0808411	BTEX + ~~MTBE + TMB's~~ (8021B)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
8/25/08	1210	MW #2	2-40ml	HCl & cool	1	✓															
8/25/08	1150	MW #3	2-40ml	HCl & cool	2	✓															

Date:	Time:	Relinquished by:	Received by:	Date:	Time:
8/25/08	1415	Nelson Velez		8/26/08	16:10

Remarks:

QA/QC SUMMARY REPORT

Client: Blagg Engineering
Project: Jacques Com A #1 **Work Order:** 0808411

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B: Volatiles									
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R30082**	Analysis Date:		9/4/2008 8:51:58 AM
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID:	**R30082**	Analysis Date:		9/5/2008 3:05:27 AM
Benzene	18.11	µg/L	1.0	90.6	85.9	113			
Toluene	17.59	µg/L	1.0	87.9	86.4	113			
Ethylbenzene	18.40	µg/L	1.0	92.0	83.5	118			
Xylenes, Total	55.02	µg/L	2.0	91.7	83.4	122			
Sample ID: 100NG BTEX LCSD		*LCSD*			Batch ID:	**R30082**	Analysis Date:		9/5/2008 3:35:48 AM
Benzene	17.66	µg/L	1.0	88.3	85.9	113	2.54	27	
Toluene	16.79	µg/L	1.0	84.0	86.4	113	4.62	19	S
Ethylbenzene	17.64	µg/L	1.0	88.2	83.5	118	4.23	10	
Xylenes, Total	52.31	µg/L	2.0	87.2	83.4	122	5.05	13	

Qualifiers:

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
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name BLAGG | Date Received: 8/26/2008

Work Order Number 0808411 | Received by: ARS

Checklist completed by: _____ 8/26/08 | Sample ID labels checked by: _____

Signature | Date | Initials

Matrix: | Carrier name UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted ☐		Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	
Container/Temp Blank temperature?	**4°**	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____