3R - 049

MONITORING REPORTS

01/30/2008

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

January 30, 2008

3R0049

Mr. Glenn Von Gonten, 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
State GC J # 1A, Unit F, Sec. 36, T30N, R9W, NMPM
San Juan County, New Mexico

NMOCD Administrative/Environmental Order #: 3RP-49-0

Dear Mr. Von Gonten:

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

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 Geologist, NMOCD District III Office, Aztec, NM
Mr. Larry Schlotterback, Environmental Coordinator, BP, Farmington, NM (without lab report)

NJV/njv

State GC J 1A 01-30-08 CVL.DOC

BP AMERICA PRODUCTION CO.

GROUNDWATER REMEDIATION REPORT

STATE GC J #1A
(F) SECTION 36, T30N, R9W, NMPM
SAN JUAN COUNTY, NEW MEXICO

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

JANUARY 2008

PREPARED BY:
BLAGG ENGINEERING, INC.

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

BP AMERICA PRODUCTION COMPANY
State GC J #1A
Se/4 Nw/4, Sec. 36, T30N, R9W

Historical Information:

Discovery of Potential Impacts:	May 1995 - Dehydrator Pit
Reclamation Procedures:	Excavation - May/June 1995 (Soils composted on location, then transferred to local landowner for crop enhancement) Passive Vent System - June 1995
Monitor Well Installation Dates:	July/August 2006, June 2007
Monitor Well Sampling Dates:	August & October 2006; July & October 2007

A potential groundwater impact due to a historical release at a dehydrator pit was discovered during pit closure work in May, 1995. Impacted soils (7,650 ± cubic yards) were excavated to a depth of approximately 35 feet below ground surface. Groundwater was encountered at the total depth of the excavation. All impacted soils that could be accessed were excavated and composted on site. During backfilling operations with clean soil, a passive vent system was installed to accelerate in-situ soil and groundwater remediation. Water sampled from within the pit excavation found elevated levels of benzene, toluene, ethyl-benzene, and total xylenes (**BTEX**) constituents in excess of New Mexico Water Quality Control Commission (**NMWQCC**) standards.

Groundwater Monitor Well Sampling Procedures:

Groundwater samples were collected from site monitor wells following US EPA: SW-846 protocol. After well development, samples were collected with new disposable bailers, placed into laboratory supplied containers with appropriate preservative and stored in an ice chest for express delivery to a qualified laboratory for testing. Analytical testing included BTEX by US EPA Method 8021B and general water chemistry.

Waste generated during monitor well sampling and development was disposed of utilizing the separator tank pit located on the well site.

Groundwater Quality & Flow Direction Information:

Monitor well sampling and testing has found BTEX constituents to be at non-detectable levels at stated laboratory limits or very low values. The general water chemistry parameters are below NMWQCC standards or statistically equivalent to background levels (utilizing MW #1 as background). Summary laboratory analytical results are included in the tables on the following pages.

Groundwater contour maps of relative water table elevations for all sample events are included (Figures 2 and 5). The general groundwater flow direction has been in a west to southwest direction. The present monitor well placement of MW #4 is positioned in the down-gradient direction from the source area.

Summary and Recommendations:

Potential hydrocarbon impacted soil at the dehydrator pit has been remediated via excavation and passive vent system. With the exception of groundwater samples collected during the soil remediation process, there is no indication of any remaining groundwater impact at the pit location. Analytical testing indicates that all site wells meet NMWQCC standards or are statistically equivalent to background 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.

STATE GC J # 1A
UNIT F, SEC. 36, T30N, R9W

REVISED DATE: October 24 , 2007

FILENAME: (J1A-4Q07.WK4) NJV

SAMPLE DATE	WELL NAME or No.	D.T.W. (ft)	T.D. (ft)	TDS (mg/L)	COND. umhos	pH	PRODUCT (ft)	BTEX EPA METHOD 8021B (ppb) Benzene	Toluene	Ethyl Benzene	Total Xylene
11-Aug-06	MW #1	35.49	40.65	4,864	4,300	7.07		ND	ND	ND	ND
07-Aug-06	MW #2	35.00	41.50	4,380	3,900	7.06		ND	ND	ND	4.1
28-Oct-06		35.09			4,300	7.17		ND	ND	ND	ND
21-Jul-07		34.30			3,400	6.95		ND	ND	ND	ND
10-Oct-07		35.07			3,700	6.87		ND	ND	ND	ND
11-Aug-06	MW #3	34.36	40.93	4,020	4,600	7.01		ND	ND	ND	ND
28-Oct-06		34.39			4,000	6.97		ND	ND	ND	ND
10-Oct-07		34.40			3,900	6.91		ND	ND	ND	ND
21-Jul-07	MW #4	34.38			3,500	6.96		ND	ND	ND	ND
10-Oct-07		35.02			4,000	6.91		ND	ND	ND	ND
					NMWQCC GROUNDWATER STANDARDS			10	750	750	620

GENERAL WATER QUALITY

BP AMERICA PRODUCTION COMPANY

STATE GC J # 1A

Sample Date : August 7 , 2006

PARAMETERS	MW # 1	MW # 2	MW # 3	Units
LAB pH	7.25	7.31	7.10	s. u.
LAB CONDUCTIVITY @ 25 C	5,640	5,070	5,640	umhos / cm
TOTAL DISSOLVED SOLIDS @ 180 C	4,864	4,380	4,020	mg / L
TOTAL DISSOLVED SOLIDS (Calc)	4,720	4,400	4,080	mg / L
SODIUM ABSORPTION RATIO	3.2	2.9	1.6	ratio
TOTAL ALKALINITY AS CaCO3	250	300	340	mg / L
TOTAL HARDNESS AS CaCO3	2,970	2,970	2,970	mg / L
BICARBONATE as HCO3	250	300	340	mg / L
CARBONATE AS CO3	< 0.1	< 0.1	< 0.1	mg / L
HYDROXIDE AS OH	< 0.1	< 0.1	< 0.1	mg / L
NITRATE NITROGEN	< 0.01	< 0.01	< 0.01	mg / L
NITRITE NITROGEN	0.009	< 0.01	< 0.01	mg / L
CHLORIDE	17.3	24.9	13.8	mg / L
FLUORIDE	2.20	2.05	0.90	mg / L
PHOSPHATE	< 0.1	< 0.1	2.7	mg / L
SULFATE	3,110	2,850	2,620	mg / L
IRON	< 0.01	< 0.01	0.223	mg / L
CALCIUM	1,044	1,000	1,040	mg / L
MAGNESIUM	6.59	6.59	6.96	mg / L
POTASSIUM	4.70	3.95	< 0.1	mg / L
SODIUM	383	333	189	mg / L
CATION / ANION DIFFERENCE	0.05	0.05	0.08	

CLIENT: AMOCO	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: B0289 C.O.C. NO: 2937

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: STATE GC WELL #: 1A PIT: DEHY

QUAD/UNIT: F SEC: 36 TWP: 30N RNG: 9W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: SE/4 NW/4 CONTRACTOR: P. VELASQUEZ

DATE STARTED: 5/23/95

DATE FINISHED:

ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 60 FT. x 63 FT. x 37 FT. DEEP. CUBIC YARDAGE: 7650

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: COMPOSTED

LAND USE: RANGE LEASE: - FORMATION: MV

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 95 FT. N80E FROM WELLHEAD.

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

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 100 PPM

CHECK ONE:

___ PIT ABANDONED

✓ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

GROUNDWATER PUMPED & DISPOSED OF BY TRIPLE 5. 10" PIPE TO BE INSTALLED FOR VENTING & GROUNDWATER MONITORING PURPOSES. SIDEWALLS AFTER ADDITIONAL EXCAVATION INDICATED A UNIFORM THICKNESS THROUGHOUT THE PERIMETER OF APPROXIMATELY 3-4' THICKNESS ABOVE GROUNDWATER OF MED. LT. GRAY DISCOLORATION (PRESUMED HC CONTAMINATION). DUE TO THE AMOUNT OF OVERBURDEN, EXCAVATION WAS TERMINATED.

CONDITIONAL

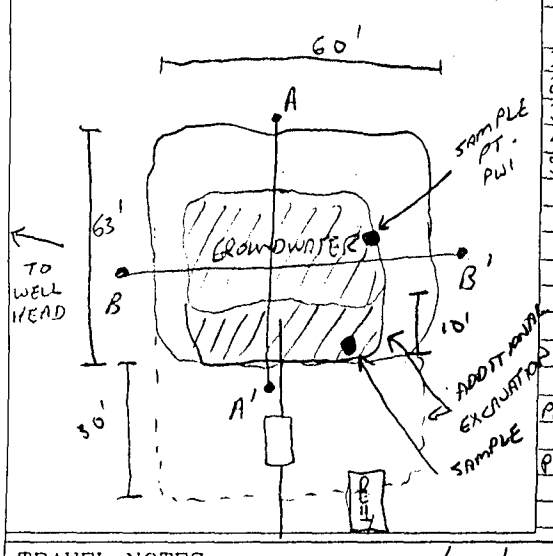
FIELD 418.1 CALCULATIONS

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

SCALE

0 FT

PIT PERIMETER



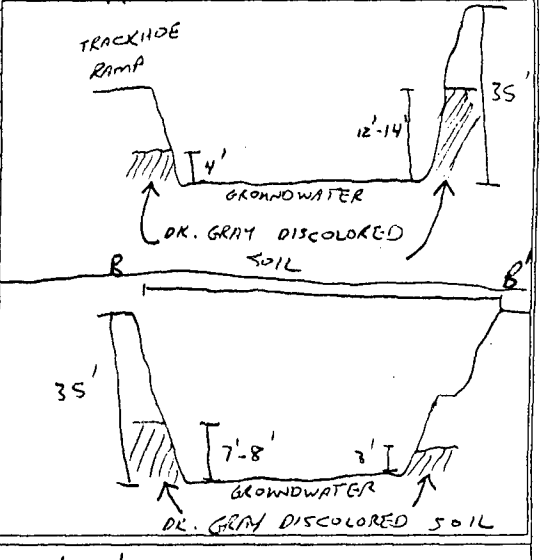
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	
2	
3	
4	
5	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
PW1@GW(35')	BTEX	1145
	FAILED	
PW1@GW(35')	BTEX	1558
	FAILED	

PIT PROFILE



TRAVEL NOTES: CALLOUT: 5/23/95 ONSITE: 5/23/95

OFF: (505) 325-8786

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

Attn:	*Nelson Velez*	Date:	5/23/95
Company:	*Blagg Engineering, Inc.*	*Lab ID:*	*2937*
Address:	*P.O. Box 87*	*Sample ID:*	*6479*
City, State:	*Bloomfield, NM 87413*	*Job No.*	*2-1000*

Project Name:	***State GC J1A***				
Project Location:	***PW1 @ GW (35') - Dehy. Pit***				
Sampled by:	NV	Date:	5/23/95	Time:	11:45
Analyzed by:	DC	Date:	5/23/95		
Sample Matrix:	*Water*				

Aromatic Volatile Organics

Component	***Measured Concentration ug/L***	***Detection Limit Concentration ug/L***
Benzene	4,920	*0.2*
Toluene	11,149	*0.2*
Ethylbenzene	872	*0.2*
m,p-Xylene	8,485	*0.2*
o-Xylene	2,288	*0.2*
	TOTAL 27,714 *ug/L*	

ND - Not Detectable

Method *- SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: Da G

Date: 5/23/95

OFF: (505) 325-8786

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

Attn:	*Nelson Velez*	Date:	6/20/95
Company:	*Blagg Engineering*	*COC No.:*	*3101*
Address:	*P.O. Box 87*	*Sample No.*	*6842*
City, State:	*Bloomfield, NM 87413*	*Job No.*	*2-1000*

Project Name:	***State GC J1A***				
Project Location:	***PW2 @ GW (35')***				
Sampled by:	NV	Date:	6/16/95	Time:	15:58
Analyzed by:	DC	Date:	6/19/95		
Type of Sample:	*Water*				

Aromatic Volatile Organics

Component	***Measured Concentration ug/L***	***Detection Limit Concentration ug/L***
Benzene	65.5	*0.2*
Toluene	4.0	*0.2*
Ethylbenzene	2.1	*0.2*
m,p-Xylene	340.0	*0.2*
o-Xylene	207.6	*0.2*
	TOTAL 619.3 *ug/L*	

ND - Not Detectable

Method - *SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography*

Approved by: JaG

Date: 6/20/95

CHAIN OF CUSTODY RECORD

293

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 5/23/95

Page 1 of 1

B0289

Purchase Order No.:	Job No.		
SEND INVOICE TO: Name		REPORT RESULTS TO: Name Nelson Velez	Title PG
Company Blagg Engineering	Dept.	Company	
Address		Mailing Address	
City, State, Zip		City, State, Zip	
		Telephone No.	Telefax No.

Sampling Location: State GC J1A

Sampler: Nelson Velez

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	BTEX (8020)	LAB ID
PW1 @ GW (35') - DEHY. PIT	5/23/95	1145	WATER	HgCl2	2	✓	479-2937

Relinquished by: Nelson Velez	Date/Time 1309 5/23/95	Received by: Robert Campbell	Date/Time 1309/5/23/95
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

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

Rush	24-48 Hours	10 Working Days	Special Instructions:

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

CHAIN OF CUSTODY RECORD

3101

ON SITE TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 6/17/95

Page 1 of 1

B0289

Purchase Order No.:	Job No.		
SEND INVOICE TO: Name		REPORT RESULTS TO: Name NELSON VELEZ	Title PE
Company BLAGG ENGINEERING	Dept.	Company	
Address		Mailing Address	
City, State, Zip		City, State, Zip	
		Telephone No.	Telefax No.

Sampling Location: STATE GC JIA

Sampler: Nelson Velez

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	BTEX (8020)	LAB ID
PW2 @ GW (35')	6/16/95	1558	WATER	COOL	2	✓	6642-3161

ANALYSIS REQUESTED

Relinquished by: Nelson Velez	Date/Time 6/17/95 1105	Received by:	Date/Time 6/17/95 1105
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

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

Rush	24-48 Hours	10 Working Days	Special Instructions:

NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87505

September 19, 1995

HAND DELIVERED

Mr. B.D. Shaw
Amoco Production Company
200 Amoco Court
Farmington, New Mexico 87401

RE: FINAL SAN JUAN BASIN PIT CLOSURE REPORTS

Dear Mr. Shaw:

The New Mexico Oil Conservation Division (OCD) has completed a review of Amoco Production Company's (Amoco) August 9, 1995 "AMOCO PRODUCTION COMPANY PIT CLOSURE VERIFICATIONS" which was submitted on behalf of Amoco by their consultant Blagg Engineering, Inc. This document contains "PIT REMEDIATION AND CLOSURE REPORTS" for 18 unlined pits in the San Juan Basin of Northwestern New Mexico.

The OCD's review of the above referenced document is addressed in the following sections:

A. The pit closure/soil remediation activities conducted at the sites listed below are approved as meeting the standards in effect at the time of closure.

1. L.C. Kelly #6 (Blow pit) located in Unit B, Sec. 11, T30N, R12W.

2. Bell Federal GC A#1E (Blow pit) located in Unit E, Sec. 12, T30N, R13W.

3. L.C. Kelly #6A (Separator pit) located in Unit D, Sec. 11, T30N, R12W.

4. Pan American Federal C#1E (Blow pit) located in Unit I, Sec. 19, T30N, R12W.

5. Taft GC #1 (Blow pit) located in Unit A, Sec. 14, T30N, R13W.

6. Pan American Federal C#2E (Blow pit) located in Unit D, Sec. 19, T30N, R12W.

B. The soil excavation activities conducted at the sites listed below are satisfactory. However, according to the reports, onsite landfarming and/or composting actions are still continuing at the sites. Therefore, the OCD cannot issue final closure approval for these sites at this time. Please resubmit closure reports for these sites upon completion of the landfarming and/or composting activities. The final reports will include the results of the final soil remediation levels achieved and the disposition of the remediated soils.

1. L.C. Kelly #4 (Blow pit) located in Unit M, Sec. 03, T30N, R12W.

2. L.C. Kelly #4 (Separator pit) located in Unit M, Sec. 03, T30N, R12W.

3. L.C. Kelly #4 (Tank drain pit) located in Unit M, Sec. 03, T30N, R12W.

4. L.C. Kelly #5 (Blow pit) located in Unit I, Sec. 03, T30N, R12W.

5. L.C. Kelly #5 (Separator pit) located in Unit I, Sec. 03, T30N, R12W.

C. The final soil remedial contaminant levels at the sites listed below are in excess of the recommended remediation levels as contained in the OCD's February 1993 "SURFACE IMPOUNDMENT CLOSURE GUIDELINES". Therefore, the OCD requests that Amoco submit a plan to address the remaining contamination at these sites. The plan will be submitted to the OCD Santa Fe Office by November 10, 1995 with a copy supplied to the OCD Aztec Office.

1. Federal GC E#1E (Separator pit) located in Unit I, Sec. 30, T30N, R12W.

2. Federal GC D#1E (Blow pit) located in Unit I, Sec. 30, T30N, R12W.

3. L.C. Kelly #6 (Drip Pit) located in Unit B, Sec. 11, T30N, R12W.

4. L.C. Kelly #6A (Blow Pit) located in Unit D, Sec. 11, T30N, R12W.

5. Pan American Federal C#2E (Separator pit) located in Unit D, Sec. 19, T30N, R12W.

D. Ground water at the sites listed below is contaminated with petroleum related constituents in excess of New Mexico Water Quality Control Commission ground water standards. Please submit a work plan to the OCD by November 10, 1995 for determining the extent of ground water contamination at the sites.

1. State GC J#1A (Dehydrator pit) located in Unit F, Sec. 36, T30N, R09W.

2. GCU #93E (Separator pit) located in Unit L, Sec. 36, T29N, R12W.

To simplify the approval process for both Amoco and OCD, the OCD requests that Amoco submit all future pit closure reports only upon completion of all closure activities including onsite landfarming or composting of contaminated soils. The results of final remediation levels achieved during landfarming or composting and the disposition of the remediated soils should be included in the report.

Please be advised that OCD approval does not relieve Amoco of liability if, in the future, remaining contaminants are found to pose a threat to surface water, ground water, human health or the environment. In addition, OCD approval does not relieve Amoco of responsibility for compliance with any other federal, state or local laws and/or regulations.

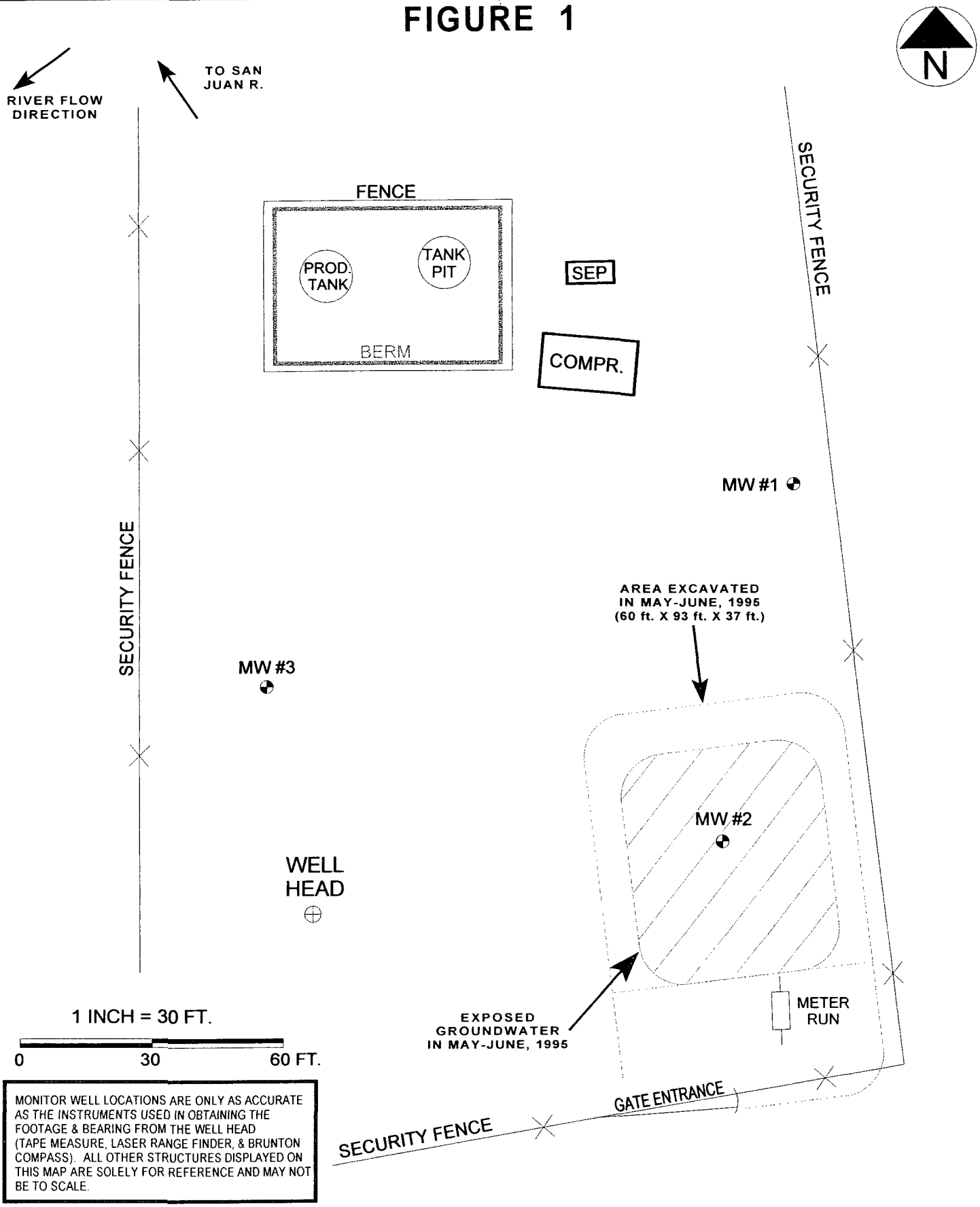
If you have any questions, please call me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrogeologist
Environmental Bureau

cc: [redacted] Office
Ray Powell, NM State Land Commissioner
Michael J. Pool, BLM Farmington District Manager

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.

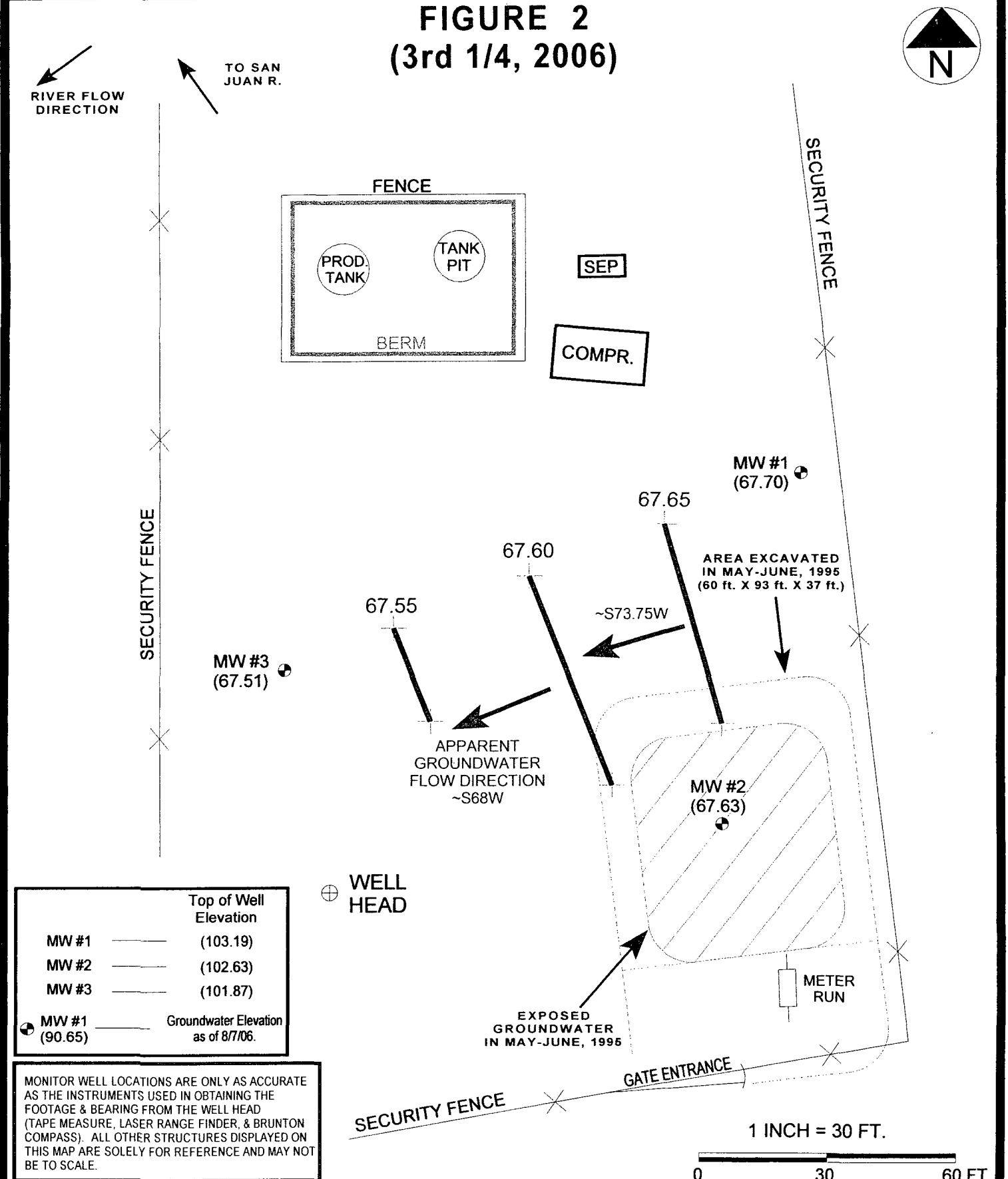
BP AMERICA PRODUCTION CO.
STATE GC J # 1A
SE/4 NW/4 SEC. 36, T30N, R9W
SAN JUAN COUNTY, NEW MEXICO

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

PROJECT: MW INSTALLATION
DRAWN BY: NJV
FILENAME: STATE GC J 1A-SM.SKF
DRAFTED: 08-10-06 NJV

SITE MAP
08/06

FIGURE 2
(3rd 1/4, 2006)



	Top of Well Elevation
MW #1	(103.19)
MW #2	(102.63)
MW #3	(101.87)
MW #1 (90.65)	Groundwater Elevation as of 8/7/06.

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.

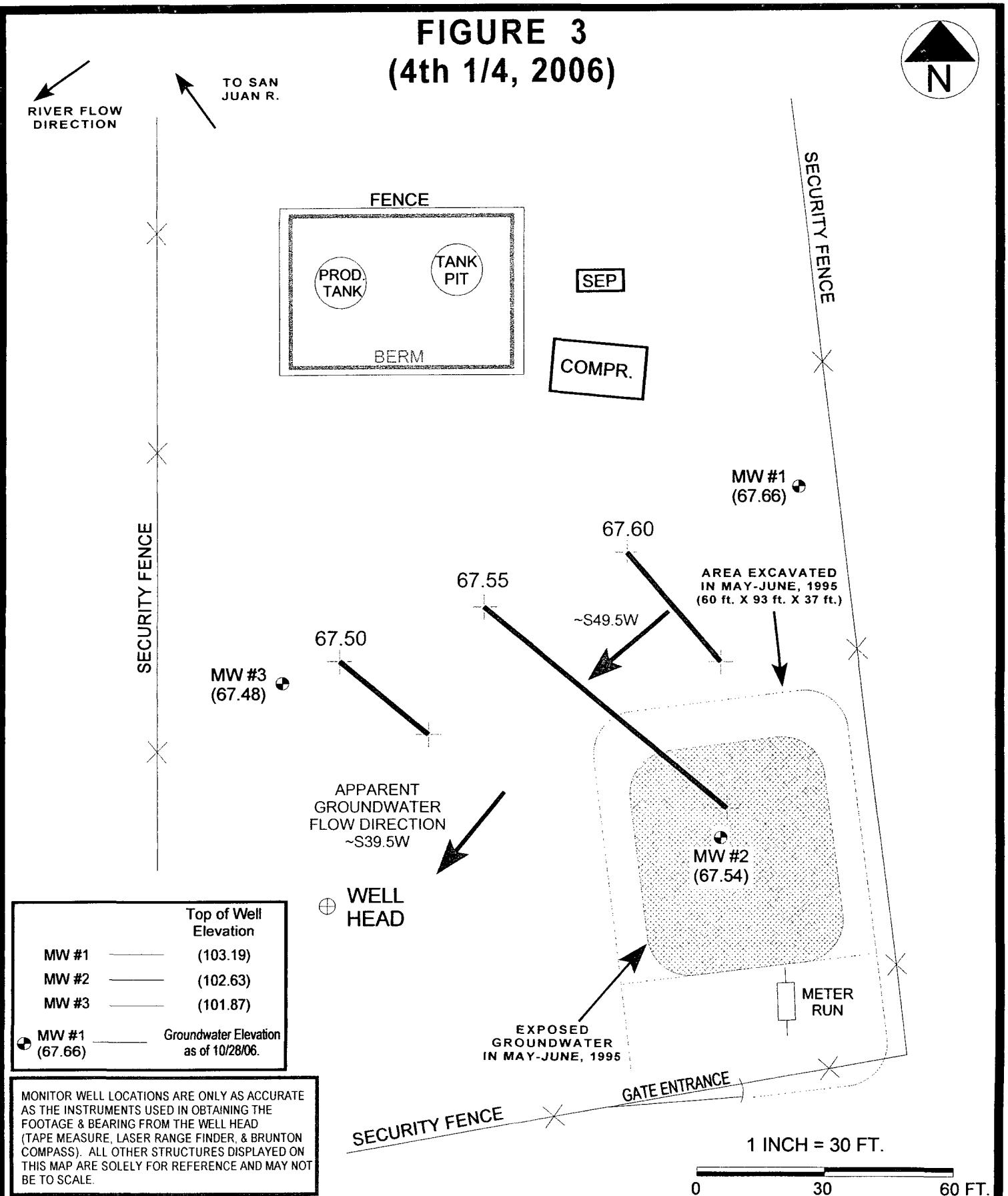
BP AMERICA PRODUCTION CO.
STATE GC J # 1A
SE/4 NW/4 SEC. 36, T30N, R9W
SAN JUAN COUNTY, NEW MEXICO

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: 08-07-06-GW.SKF
DRAFTED: 08-10-06 NJV

GROUNDWATER GRADIENT MAP
08/06

FIGURE 3
(4th 1/4, 2006)



	Top of Well Elevation
MW #1	(103.19)
MW #2	(102.63)
MW #3	(101.87)
MW #1 (67.66)	Groundwater Elevation as of 10/28/06.

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.

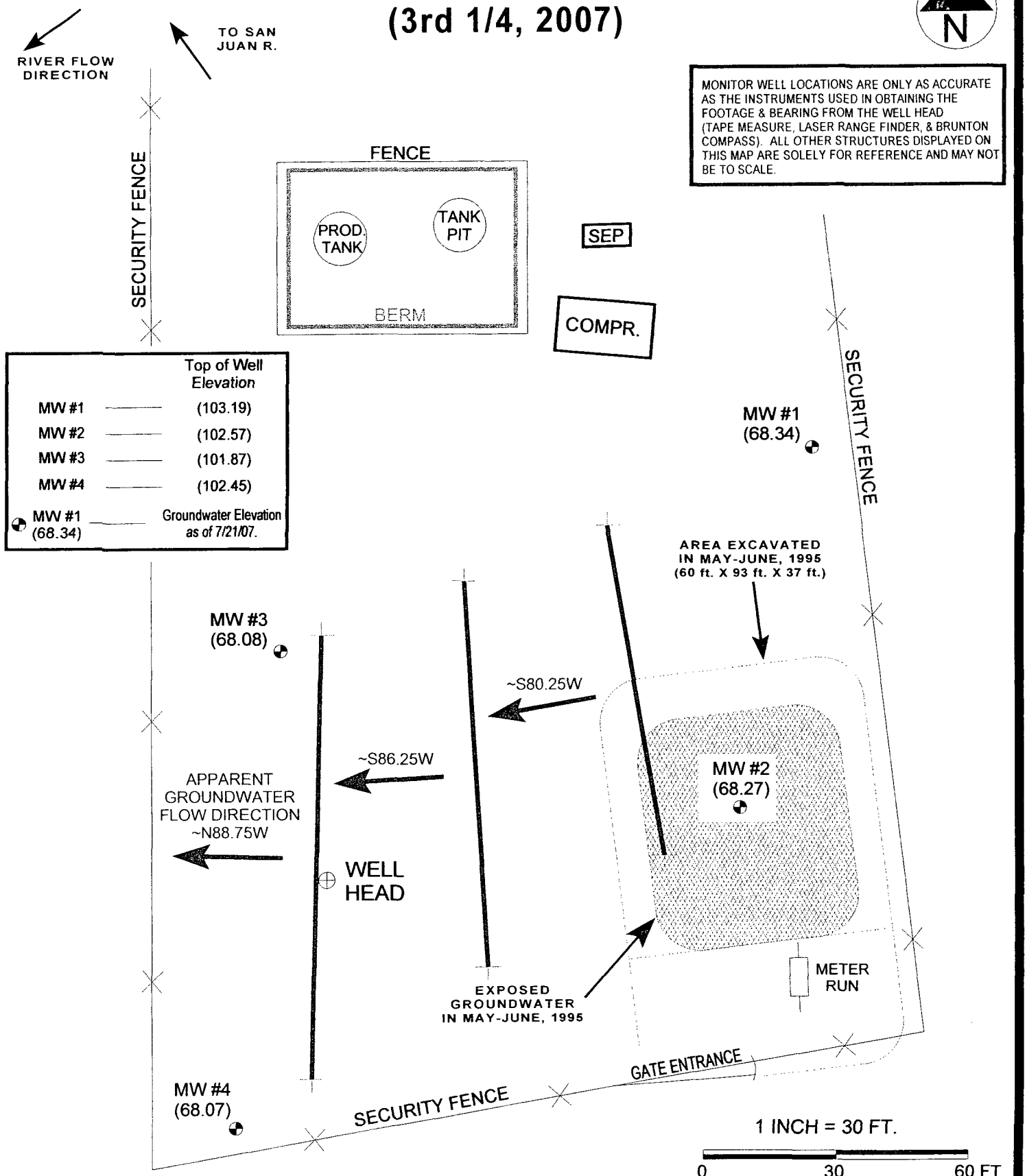
BP AMERICA PRODUCTION CO.
STATE GC J # 1A
SE/4 NW/4 SEC. 36, T30N, R9W
SAN JUAN COUNTY, NEW MEXICO

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: 10-28-06-GW.SKF
REVISED: 10-28-06 NJV

GROUNDWATER GRADIENT MAP
10/06

FIGURE 4
(3rd 1/4, 2007)



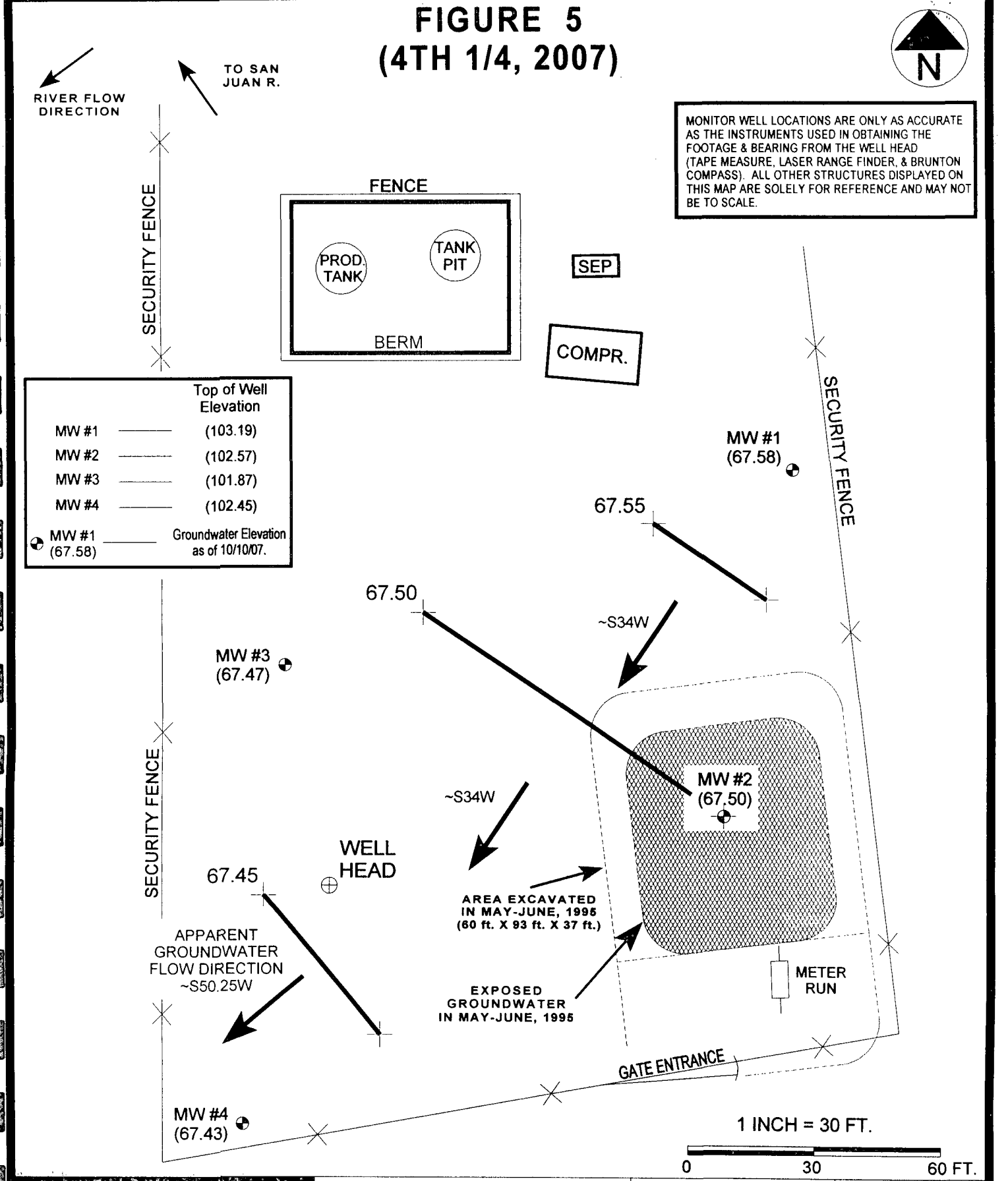
BP AMERICA PRODUCTION CO.
STATE GC J # 1A
SE/4 NW/4 SEC. 36, T30N, R9W
SAN JUAN COUNTY, NEW MEXICO

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: 07-21-07-GW.SKF
REVISED: 07-21-07 NJV

GROUNDWATER CONTOUR MAP
07/07

FIGURE 5
(4TH 1/4, 2007)



BP AMERICA PRODUCTION CO.
STATE GC J # 1A
SE/4 NW/4 SEC. 36, 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: 10-10-07-GW.SKF
REVISED: 10-10-07 NJV

GROUNDWATER CONTOUR MAP
10/07

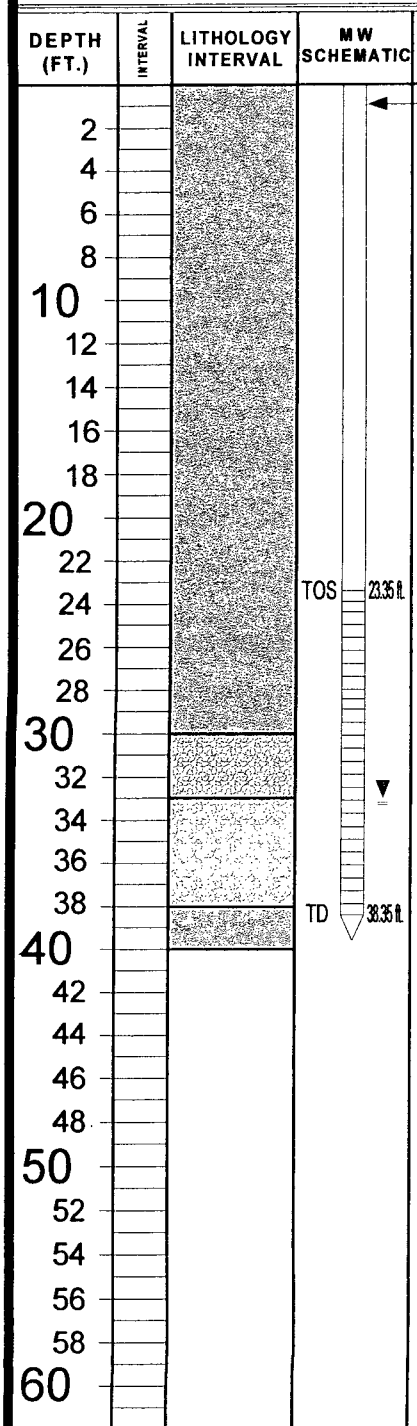
BLAGG ENGINEERING, Inc.
P.O. BOX 87
BLOOMFIELD, NM 87413
(505) 632-1199

MW #1

BORE / TEST HOLE REPORT

CLIENT:	BP AMERICA PRODUCTION COMPANY
LOCATION NAME:	STATE GC J #1A DEHY. PIT UNIT F, SEC. 36, T30N, R9W
CONTRACTOR:	BLAGG ENGINEERING, INC. / ENVIROTECH, INC.
EQUIPMENT USED:	MOBILE DRILL RIG (CME 75) W/ TUBEX SYSTEM
BORING LOCATION:	147 FEET, N48E FROM WELL HEAD.

BORING #.....	BH - 1
MW #.....	1
PAGE #.....	1
DATE STARTED	7/24/06
DATE FINISHED	7/25/06
OPERATOR.....	KP
PREPARED BY	NJV



FIELD CLASSIFICATION AND REMARKS

GROUND SURFACE

TOP OF CASING APPROX. 2.30 FEET ABOVE GRADE.

DARK YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 30.0 FT. BELOW GRADE).

DARK YELLOWISH BROWN SAND AND GRAVEL, NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (30.0 - 33.0 FT. BELOW GRADE).
DEPTH TO WATER APPROX. 33.05 FT. FROM GROUND SURFACE MEASURED ON 7/25/06.

MEDIUM GRAY SAND AND GRAVEL, NON COHESIVE, MOIST TO SATURATED, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (33.0 - 38.0 FT. BELOW GRADE).

LIGHT GRAY SANDSTONE BEDROCK, DRY, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY FROM AUGER CUTTINGS (38.0 - 40.0 FT. BELOW GRADE).

NOTES:
- SAND.
- SAND AND GRAVEL.
- SANDSTONE BEDROCK.

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 2.30 ft. above grade to 23.35 ft. below grade, 0.010 slotted screen between 23.35 to 38.35 ft. below grade, sand packed annular to 21.0 ft. below grade, bentonite grout between 18.0 to 21.0 ft. below grade, fill dirt between 3.0 to 18.0 ft. below grade, bentonite grout between 0.0 to 3.0 ft. below grade. Well protector encompassing above grade casing and secured with padlock.

DRAWING: STATE GC J 1A BH1-MW1. SKF | DATE: 7/24/06 | DWN BY: NJV

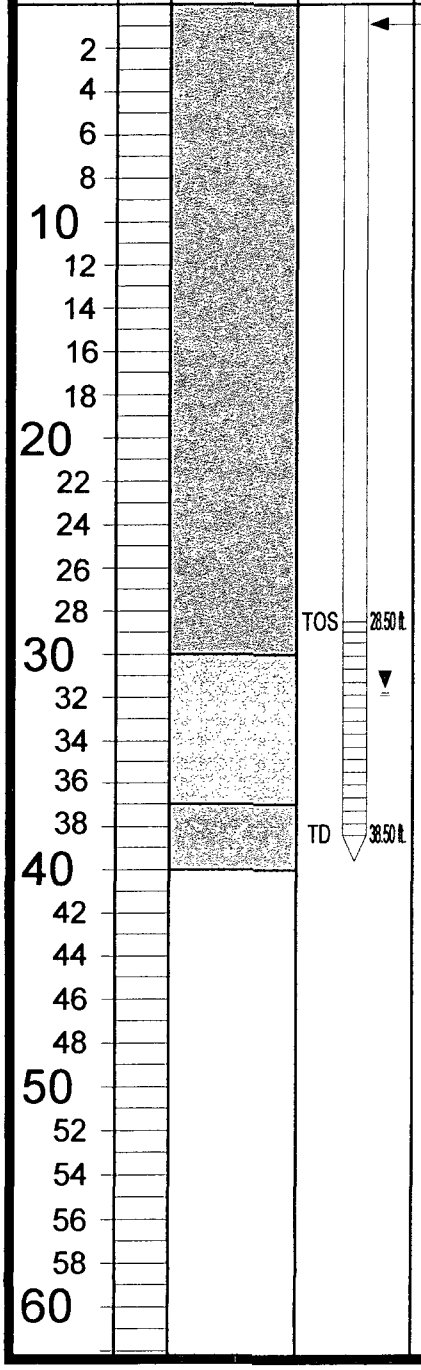
BLAGG ENGINEERING, Inc.
P.O. BOX 87
BLOOMFIELD, NM 87413
(505) 632-1199

MW #2

BORE / TEST HOLE REPORT

CLIENT:	BP AMERICA PRODUCTION COMPANY
LOCATION NAME:	STATE GC J #1A DEHY. PIT UNIT F, SEC. 36, T30N, R9W
CONTRACTOR:	BLAGG ENGINEERING, INC. / ENVIROTECH, INC.
EQUIPMENT USED:	MOBILE DRILL RIG (CME 75) W/ TUBEX SYSTEM
BORING LOCATION:	95 FEET, N80E FROM WELL HEAD.

BORING #.....	BH - 3
MW #.....	2
PAGE #.....	2
DATE STARTED	8/1/06
DATE FINISHED	8/1/06
OPERATOR.....	KP
PREPARED BY	NJV



FIELD CLASSIFICATION AND REMARKS

GROUND SURFACE

TOP OF CASING APPROX. 3.00 FEET ABOVE GRADE.

MODERATE TO DARK YELLOWISH BROWN SAND (FILL MATERIAL), NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 30.0 FT. BELOW GRADE).

DEPTH TO WATER APPROX. 33.93 FT. FROM GROUND SURFACE MEASURED ON 8/1/06.

DARK TO GRAYISH BLACK SAND AND GRAVEL, NON COHESIVE, WET TO SATURATED, FIRM, APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (30.0 - 37.0 FT. BELOW GRADE).

GRAYISH ORANGE SANDSTONE BEDROCK, DRY, SLIGHTLY FRIABLE TO COMPETENT, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY FROM AUGER CUTTINGS (37.0 - 40.0 FT. BELOW GRADE).

NOTES:
- SAND.
- SAND AND GRAVEL.
- SANDSTONE BEDROCK.

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 3.00 ft. above grade to 28.50 ft. below grade, 0.010 slotted screen between 28.50 to 38.50 ft. below grade, sand packed annular to 26.0 ft. below grade, bentonite grout between 23.0 to 26.0 ft. below grade, fill dirt between 3.0 to 23.0 ft. below grade, bentonite grout between 0.0 to 3.0 ft. below grade. Well protector encompassing above grade casing and secured with padlock.

DRAWING: STATE GC J 1A BH3-MW2. SKF | DATE: 8/1/06 | DWN BY: NJV

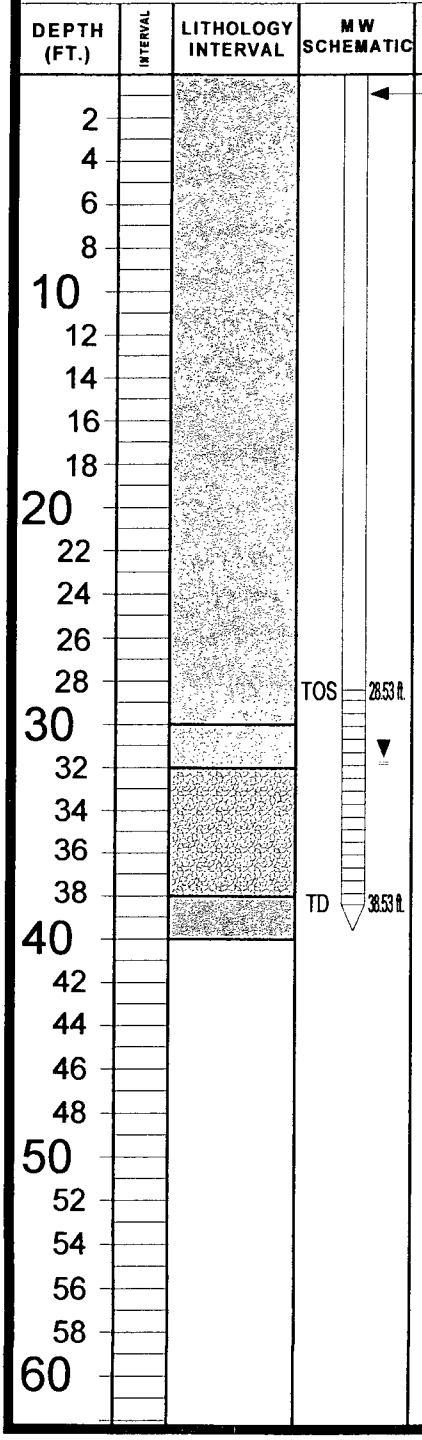
BLAGG ENGINEERING, Inc.
P.O. BOX 87
BLOOMFIELD, NM 87413
(505) 632-1199

MW #3

BORE / TEST HOLE REPORT

CLIENT:	BP AMERICA PRODUCTION COMPANY
LOCATION NAME:	STATE GC J #1A DEHY. PIT UNIT F, SEC. 36, T30N, R9W
CONTRACTOR:	BLAGG ENGINEERING, INC. / ENVIROTECH, INC.
EQUIPMENT USED:	MOBILE DRILL RIG (CME 75) W/ TUBEX SYSTEM
BORING LOCATION:	53 FEET, N11.5W FROM WELL HEAD.

BORING #.....	BH - 2
MW #.....	3
PAGE #.....	3
DATE STARTED	7/25/06
DATE FINISHED	7/26/06
OPERATOR.....	KP
PREPARED BY	NJV



FIELD CLASSIFICATION AND REMARKS

GROUND SURFACE

TOP OF CASING APPROX. 2.40 FEET ABOVE GRADE.

DARK YELLOWISH ORANGE SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 30.0 FT. BELOW GRADE).

DARK YELLOWISH BROWN SAND AND GRAVEL, NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (30.0 - 32.0 FT. BELOW GRADE).
DEPTH TO WATER APPROX. 31.88 FT. FROM GROUND SURFACE MEASURED ON 8/1/06.

VERY DUSKY RED SAND AND GRAVEL, NON COHESIVE, SATURATED, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (32.0 - 38.0 FT. BELOW GRADE).

LIGHT GRAY SANDSTONE BEDROCK, DRY, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY FROM AUGER CUTTINGS (38.0 - 40.0 FT. BELOW GRADE).

NOTES:
- SAND.
- SAND AND GRAVEL.
- SANDSTONE BEDROCK.

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 2.40 ft. above grade to 28.53 ft. below grade, 0.010 slotted screen between 28.53 to 38.53 ft. below grade, sand packed annular to 26.0 ft. below grade, bentonite grout between 23.0 to 26.0 ft. below grade, fill dirt between 3.0 to 23.0 ft. below grade, bentonite grout between 0.0 to 3.0 ft. below grade. Well protector encompassing above grade casing and secured with padlock.

DRAWING: STATE GC J 1A BH2-MW3. SKF | DATE: 7/26/06 | DWN BY: NJV

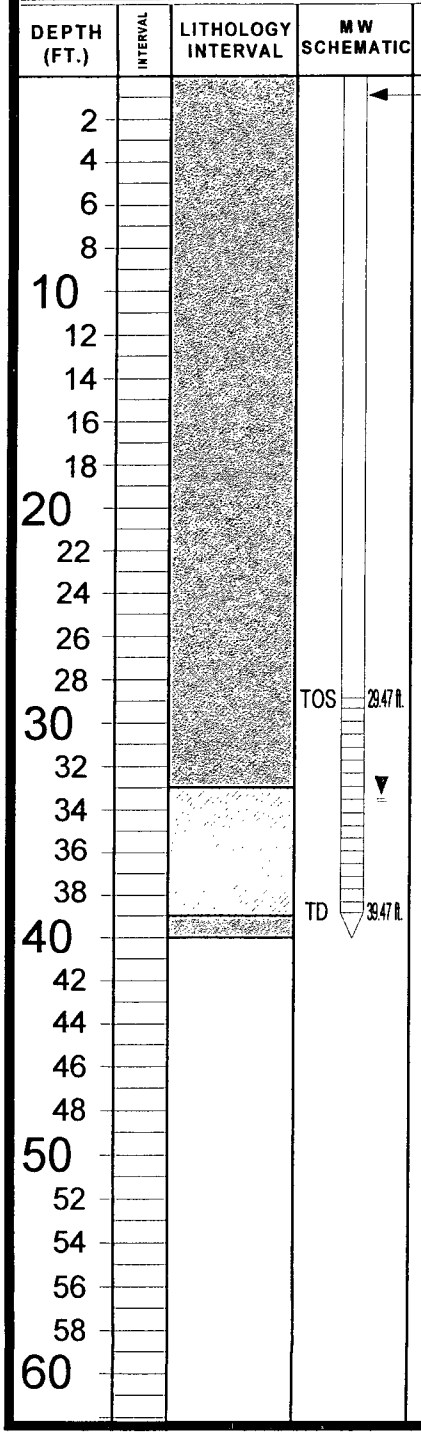
BLAGG ENGINEERING, Inc.
P.O. BOX 87
BLOOMFIELD, NM 87413
(505) 632-1199

MW #4

BORE / TEST HOLE REPORT

CLIENT:	BP AMERICA PRODUCTION COMPANY
LOCATION NAME:	STATE GC J #1A DEHY. PIT UNIT F, SEC. 36, T30N, R9W
CONTRACTOR:	BLAGG ENGINEERING, INC. / ENVIROTECH, INC.
EQUIPMENT USED:	MOBILE DRILL RIG (CME 75) W/ TUBEX SYSTEM
BORING LOCATION:	FEET, FROM WELL HEAD.

BORING #.....	BH - 4
MW #.....	4
PAGE #.....	4
DATE STARTED	6/28/07
DATE FINISHED	6/28/07
OPERATOR.....	DP
PREPARED BY	NJV



FIELD CLASSIFICATION AND REMARKS

GROUND SURFACE

TOP OF CASING APPROX. 2.60 FEET ABOVE GRADE.

DARK YELLOWISH ORANGE SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 33.0 FT. BELOW GRADE).

DEPTH TO WATER APPROX. 31.33 FT. FROM GROUND SURFACE MEASURED ON 7/2/07.

DARK YELLOWISH BROWN SAND AND GRAVEL, NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (33.0 - 39.0 FT. BELOW GRADE).

LIGHT GRAY SANDSTONE BEDROCK, DRY, NO APPARENT HYDROCARBON ODOR DETECTED PHYSICALLY FROM AUGER CUTTINGS (39.0 - 40.0 FT. BELOW GRADE).

NOTES:
- SAND.
- SAND AND GRAVEL.
- SANDSTONE BEDROCK.

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 29.47 ft. below grade, 0.010 slotted screen between 29.47 to 39.47 ft. below grade, sand packed annular to 28.0 ft. below grade, bentonite grout between 26.0 to 28.0 ft. below grade, fill dirt between 0.0 to 28.0 ft. below grade. Well protector encompassing above grade casing and secured with padlock.

DRAWING: STATE GC J 1A BH4-MW4. SKF | DATE: 6/28/07 | DWN BY: NJV

BLAGG ENGINEERING, INC.

MONITOR WELL DEVELOPMENT & / OR SAMPLING DATA

CLIENT : BP AMERICA PROD. CO.

CHAIN-OF-CUSTODY # : N / A & 14667

STATE GC J # 1A
UNIT F, SEC. 36, T30N, R9W

LABORATORY (S) USED : HALL ENVIRONMENTAL
ENVIROTECH , INC.

Date : **August 7, 2006**

SAMPLER : N J V

Filename : **08-07-06.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	103.19	67.70	35.49	40.65	0905	7.07	4,300	21.7	2.50
2	102.63	67.63	35.00	41.50	1030	7.06	3,900	20.5	3.25
3	101.87	67.51	34.36	40.93	0950	7.01	4,600	20.5	3.25
					INSTRUMENT CALIBRATIONS =	7.00	2,800		
					DATE & TIME =	08/07/06	0830		

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 all MW's. Collected BTEX & major anions / cations from all MW's.

Top of casing MW # 1 ~ 2.30 ft., MW # 2 ~ 3.00 ft., MW # 3 ~ 2.40 ft. above grade.

Hall Environmental Analysis Laboratory, Inc.

Date: *22-Aug-06*

CLIENT: Blagg Engineering
Project: STATE GC J #1A
Lab Order: 0608165

Lab ID: 0608165-01 **Collection Date:** 8/11/2006 7:15:00 AM
Client Sample ID: MW #1 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	8/16/2006 1:45:03 PM
Toluene	ND	1.0		µg/L	1	8/16/2006 1:45:03 PM
Ethylbenzene	ND	1.0		µg/L	1	8/16/2006 1:45:03 PM
Xylenes, Total	ND	3.0		µg/L	1	8/16/2006 1:45:03 PM
Surr: 4-Bromofluorobenzene	106	72.2-125		%REC	1	8/16/2006 1:45:03 PM

Lab ID: 0608165-02 **Collection Date:** 8/11/2006 7:35:00 AM
Client Sample ID: MW #3 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	8/16/2006 2:14:04 PM
Toluene	ND	1.0		µg/L	1	8/16/2006 2:14:04 PM
Ethylbenzene	ND	1.0		µg/L	1	8/16/2006 2:14:04 PM
Xylenes, Total	ND	3.0		µg/L	1	8/16/2006 2:14:04 PM
Surr: 4-Bromofluorobenzene	109	72.2-125		%REC	1	8/16/2006 2:14:04 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Aug-06*

CLIENT:	Blagg Engineering	**Client Sample ID:**	MW #2
Lab Order:	0608110	**Collection Date:**	8/7/2006 10:30:00 AM
Project:	STATE GC J #1A	**Date Received:**	8/9/2006
Lab ID:	0608110-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	8/12/2006 6:29:51 AM
Toluene	ND	1.0		µg/L	1	8/12/2006 6:29:51 AM
Ethylbenzene	ND	1.0		µg/L	1	8/12/2006 6:29:51 AM
Xylenes, Total	4.1	3.0		µg/L	1	8/12/2006 6:29:51 AM
Surr: 4-Bromofluorobenzene	96.4	72.2-125		%REC	1	8/12/2006 6:29:51 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	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	MW #1	Date Reported:	08-08-06
Laboratory Number:	38074	Date Sampled:	08-07-06
Chain of Custody:	14667	Date Received:	08-07-06
Sample Matrix:	Water	Date Extracted:	N/A
Preservative:	Cool	Date Analyzed:	08-08-06
Condition:	Cool & Intact		

Parameter	Analytical Result	Units		
pH	**7.25**	s.u.		
Conductivity @ 25° C	**5,640**	umhos/cm		
Total Dissolved Solids @ 180C	**4,864**	mg/L		
Total Dissolved Solids (Calc)	**4,720**	mg/L		
SAR	**3.2**	ratio		
Total Alkalinity as CaCO3	**250**	mg/L		
Total Hardness as CaCO3	**2,970**	mg/L		
Bicarbonate as HCO3	**250**	mg/L	4.10	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	**<0.01**	mg/L	0.00	meq/L
Nitrite Nitrogen	**0.009**	mg/L	0.00	meq/L
Chloride	**17.3**	mg/L	0.49	meq/L
Fluoride	**2.20**	mg/L	0.12	meq/L
Phosphate	**<0.1**	mg/L	0.00	meq/L
Sulfate	**3,110**	mg/L	64.75	meq/L
Iron	**<0.01**	mg/L	0.00	meq/L
Calcium	**1,044**	mg/L	52.10	meq/L
Magnesium	**6.59**	mg/L	0.54	meq/L
Potassium	**4.70**	mg/L	0.12	meq/L
Sodium	**383**	mg/L	16.66	meq/L
Cations			69.42	meq/L
Anions			69.45	meq/L
Cation/Anion Difference			**0.05%**	

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

Comments: **State GC J #1A Grab Sample.**

Christine M Walters
Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	MW #2	Date Reported:	08-08-06
Laboratory Number:	38075	Date Sampled:	08-07-06
Chain of Custody:	14667	Date Received:	08-07-06
Sample Matrix:	Water	Date Extracted:	N/A
Preservative:	Cool	Date Analyzed:	08-08-06
Condition:	Cool & Intact		

Parameter	Analytical Result	Units		
pH	**7.31**	s.u.		
Conductivity @ 25° C	**5,070**	umhos/cm		
Total Dissolved Solids @ 180C	**4,380**	mg/L		
Total Dissolved Solids (Calc)	**4,400**	mg/L		
SAR	**2.9**	ratio		
Total Alkalinity as CaCO3	**300**	mg/L		
Total Hardness as CaCO3	**2,970**	mg/L		
Bicarbonate as HCO3	**300**	mg/L	4.92	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	**<0.01**	mg/L	0.00	meq/L
Nitrite Nitrogen	**<0.01**	mg/L	0.00	meq/L
Chloride	**24.9**	mg/L	0.70	meq/L
Fluoride	**2.05**	mg/L	0.11	meq/L
Phosphate	**<0.1**	mg/L	0.00	meq/L
Sulfate	**2,850**	mg/L	59.34	meq/L
Iron	**<0.01**	mg/L	0.00	meq/L
Calcium	**1,000**	mg/L	49.90	meq/L
Magnesium	**6.59**	mg/L	0.54	meq/L
Potassium	**3.95**	mg/L	0.10	meq/L
Sodium	**333**	mg/L	14.49	meq/L
Cations			65.03	meq/L
Anions			65.06	meq/L
Cation/Anion Difference			**0.05%**	

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

Comments: **State GC J #1A Grab Sample.**

Christine M Waeters
Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	MW #3	Date Reported:	08-08-06
Laboratory Number:	38076	Date Sampled:	08-07-06
Chain of Custody:	14667	Date Received:	08-07-06
Sample Matrix:	Water	Date Extracted:	N/A
Preservative:	Cool	Date Analyzed:	08-08-06
Condition:	Cool & Intact		

Parameter	Analytical Result	Units		
pH	**7.10**	s.u.		
Conductivity @ 25° C	**5,640**	umhos/cm		
Total Dissolved Solids @ 180C	**4,020**	mg/L		
Total Dissolved Solids (Calc)	**4,080**	mg/L		
SAR	**1.6**	ratio		
Total Alkalinity as CaCO3	**340**	mg/L		
Total Hardness as CaCO3	**2,970**	mg/L		
Bicarbonate as HCO3	**340**	mg/L	5.57	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	**<0.01**	mg/L	0.00	meq/L
Nitrite Nitrogen	**<0.01**	mg/L	0.00	meq/L
Chloride	**13.8**	mg/L	0.39	meq/L
Fluoride	**0.90**	mg/L	0.05	meq/L
Phosphate	**2.7**	mg/L	0.09	meq/L
Sulfate	**2,620**	mg/L	54.55	meq/L
Iron	**0.223**	mg/L	0.01	meq/L
Calcium	**1,040**	mg/L	51.90	meq/L
Magnesium	**6.96**	mg/L	0.57	meq/L
Potassium	**<0.1**	mg/L	0.00	meq/L
Sodium	**189**	mg/L	8.22	meq/L
Cations			60.69	meq/L
Anions			60.64	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.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **State GC J #1A Grab Sample.**

Christine M Walters
Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

CHAIN-OF-CUSTODY RECORD

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

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

Client: BLAGG ENGR. / BP AMERICA
Project Name: STATE GC J #1A
Address: P.O. BOX 87 BLFD., NM 87413
Project #: NV
Project Manager: NV
Phone #: 632-1199
Sampler: NV
Fax #:
Sample Temperature: 14°

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	HEAL No.	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)				Air Bubbles or Headspace (Y or N)
~~8/1/06~~	~~0905~~	~~WATER~~	~~MW #1~~	~~2-40 ml~~	✓			✓		NV			SAMPLES FROZE IN FRIG.									VIALS BROKE.	
8/1/06	1030	WATER	MW #2	2-40 ml	✓		0608110-1	✓															
~~8/1/06~~	~~0950~~	~~WATER~~	~~MW #3~~	~~2-40 ml~~	✓			✓		NV			SAMPLES FROZE IN FRIG.									VIALS BROKE	

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	Remarks:
8/8/06	0700		8/9/06 0:02	
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	

1. DEFINITIONS

1.1 "Acceptance of a sample" means the determination of HEAL to proceed with work following receipt and inspection of such sample.

1.2 "Customer" means the individual or entity who may request laboratory services and his or its heirs, successors, assigns, and representatives

1.3 HEAL means Hall Environmental Analysis Laboratory its employees, servants, agents, and representative.

1.4 "Price schedule" means HEAL'S standard price schedule, as such, document may be amended from time to time by HEAL.

1.5 "Results" mean data generated by HEAL from the analysis of one or more samples.

1.6 "Terms and Conditions" mean these Terms and Conditions of sale, including the Price Schedule, and any additions or amendments hereto which are agreed to in writing by HEAL as provided in Section 7.1

2. ORDERS

2.1 The customer may order services by submitting a written purchase order to HEAL, by placing a telephone order, which will be subsequently confirmed in writing, or by negotiated contract. Any such order constitutes a) an acceptance by the Customer of HEAL'S offer to do business with the Customer under these Terms and Conditions, and b) an agreement to be bound by these Terms and Conditions. The Customer's delivery of samples to HEAL constitutes the Customer's express assent to be governed by these Terms and Conditions. HEAL reserves the right to refuse to proceed with work at any time based upon an unfavorable customer credit report.

2.2 Any order placed by the Customer under Section 2.1 is subject to a minimum cancellation charge of $2.50.

3. PAYMENT TERMS

3.1 Services performed by HEAL will be in accordance with prices quoted and later confirmed in writing or as stated on the Price Schedule, which prices are subject to change periodically without notice. The Customer should confirm with HEAL the current price prior to placing an order for work.

3.2 Payment terms are net 30 days from the date of invoice by HEAL. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) per month or portion thereof from the due date until the date of payment. All payments shall be made in United State currency.

3.3 The prices stated on the Price Schedule do not include any sales, use or other taxes unless specifically stated. Such taxes will be added to invoice prices when required.

4. RECEIPT OF SAMPLES AND DELIVERY OF SERVICES

4.1 Prior to HEAL'S Acceptance of any sample (or after any revocation of Acceptance), the entire risk of loss or damage to such sample will remain with the Customer. In no event will HEAL have any responsibility or liability for the action or inaction of HEAL'S carrier shipping or delivering any sample to or from HEAL'S premises.

4.2 HEAL reserves the absolute right, exercisable at any time to refuse delivery of, refuse to accept, or revoke Acceptance of, any sample which in the sole judgement of HEAL a) is of unsuitable volume, b) unsuitable containers as required for the requested analysis, or c) may be or become unsuitable for, or may pose a risk in, handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance and whether or not such presence has been disclosed to HEAL by the Customer.

4.3 Where applicable, HEAL will use analytical methodologies which are in substantial conformity with U.S. Environmental Protection Agency (EPA), state agency, American Society for Testing and Materials (ASTM), Association of Official Analytical Chemist (AOAC), Standard Methods for the examination of Water and Wastewater, or other recognized methodologies. HEAL reserves the right to deviate from these methodologies, if necessary or appropriate due to the nature of composition of the sample or otherwise based on the reasonable judgement of HEAL, which deviation, if any will be made on a basis consistent with recognized standards of industry and/ or HEAL'S Standard Operating Procedures.

4.4 Upon timely delivery of samples, HEAL will use its best efforts to comply with storage, processing and analytical holding time limits as set forth in applicable EPA or state guidelines or otherwise requested by the Customer or set forth on the Price Schedule. However, unless specifically made part of a written agreement between HEAL and the Customer, such time limits cannot be guaranteed. Unless specifically indicated on the Price Schedule or expressly made part of a written agreement between HEAL and the Customer, analytical turnaround times are not guaranteed.

4.5 At HEAL'S sole discretion, verbal Results may be given in advance of the written report of Results Such verbal Results are TENTATIVE RESULTS ONLY, subject to confirmation or change based on HEAL'S standard quality assurance review procedures.

5. WARRANTIES, LIABILITY AND INDEMNIFICATION

5.1 HEAL warrants only that its services will fulfill obligations set forth in Section 4.3 and 4.4 hereof. This warranty is the sole and exclusive warranty given by HEAL in connection with any such services, and HEAL gives and makes no other representation or warranty of any kind, express or implied. No representative of HEAL is authorized to give or make any other representation or warranty or modify the warranty in any way.

5.2 The liability and obligations of HEAL, and the remedies of the Customer in connection with any services performed by HEAL will be limited to repeating the services performed or, at the sole option of HEAL, refunding in full or in part fees paid by the Customer for such services. HEAL'S obligation to repeat any services with respect to any sample will be contingent on the Customer's providing, at the request of HEAL and at the Customer's expense, an additional sample if necessary. Any reanalysis generating Results consistent with the Original Results will be at the Customer's expense. Except as otherwise specifically provided herein, HEAL shall have no liability, obligation or responsibility of any kind for any losses, costs, expenses, or other damages (including but not limited to any special, indirect, incidental or consequential damages) for any representation or warranty of a kind with respect to HEAL'S Services or Results.

5.3 In no event shall HEAL have any responsibility or liability to the Customer for any failure or delay in performance by HEAL, which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of HEAL. Such cause and circumstance shall include, but not be limited to, acts of God, acts of Customer, acts of orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disputes, difficulties or delays in transportation, mail or delivery services, inability to obtain from HEAL usual sources sufficient services or supplies, or any other cause beyond HEAL'S reasonable control.

5.4 All results provided by HEAL are strictly for the use of its Customers, and HEAL is in no way responsible for the use of such results by Customers or third parties. All results should be considered in their entirety, and HEAL is in no way responsible for the separation, detachment, or other use of any portion of the results.

5.5 The customer represents and warrants that any sample delivered to HEAL will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by the customer. The Customer further warrants that any sample containing any hazardous substance, which is to be delivered to HEAL'S premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws

5.6 It is understood and agreed that all samples and cuttings of materials containing hazardous contaminants are the property and the responsibility of the Customer. All contaminated samples and laboratory byproducts will be returned to the Customer for disposal. It is understood and agreed that HEAL is not, and has no responsibility as, a generator, treater, storer, or disposer of hazardous or toxic substances found or identified at a site, and the Customer agrees to assume the responsibility for the foregoing.

5.7 The Customer shall indemnify and hold harmless HEAL from and against any and all claims, suits, judgements, damages, losses, liabilities, expenses, payments, taxes, duties, fines and/or other costs (including but not limited to liability to a third party) arising out of a) the presence of hazardous substances in any sample of the Customer regardless of the Customer's compliance with paragraph 5.5 hereof b) accidents occurring during the transport of any sample of the Customer, c) events control, or d) negligence by the Customer in the use, evaluation, or application of Results provided by HEAL.

5.8 Should any Customer sample, due to its matrix or constituents of its matrix, cause the operations of any HEAL instrumentation to be reduced, stopped, or altered, HEAL is entitled to compensation by the Customer for any loss of revenue due to the instrument's downtime, and/or the parts and labor necessary to bring the instruments back to its former operating condition. The amount of compensation is negotiable upon acceptance of these Terms and Conditions and the individual circumstances warranting the reimbursement.

6. ENTIRE AGREEMENT: SEVERABILITY

6.1 These Terms and Conditions, together with any additions or revisions which may be agreed to in writing by HEAL as provided in Section 7.1, embodied the whole agreement of the parties. There are no promises, terms, conditions, understandings, obligations or agreements other than those contained herein, unless made in accordance with Section 7.1, and these Terms and Conditions shall supersede all previous communications, representations, or agreements, either verbal or written, between the Customer and HEAL. HEAL specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Customer to HEAL

6.2 The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions, the intent of the parties being that the provisions be severable.

7. AMENDMENTS AND WAIVERS

7.1 HEAL shall not be subject to or bound by any provision, term or condition which is in addition to or inconsistent or conflicting with these Terms and Conditions. HEAL shall not be deemed to have amended or waived and provision, term or condition, or have given any required consent or approval, or to have waived any breach by the Customer of any of these Terms and Conditions unless specifically set forth in writing and executed on behalf of HEAL by a duly authorized officer. No other employee, servant, agent or representatives of HEAL has any authority whatsoever to add to, delete, alter or vary any of these Terms and Conditions in any manner, or to give any consent, approval or waiver, and HEAL shall not be bound by any such purported addition, deletion, alteration, variation, consent, approval or waiver.

7.2 No waiver by HEAL of any provision, term or condition hereof or of any breach by or obligation of the Customer hereunder shall constitute a waiver of such provision, term or condition on any other occasion or a waiver of any other breach by or obligation of the Customer.

8. SAMPLE STORAGE

8.1 Bulk samples will be retained for thirty (30) days after the analytical report has been issued unless alternate arrangements have been made in advance Storage of samples or extracts for longer periods is by request only. Sample storage charges depend upon storage requirements and duration. Nominally, a sample storage fee of $5.00 per sample, per month will be billed monthly unless other arrangements are made. If requested, unused sample material may be returned at the client's expense. Materials, which are identified as hazardous, will be returned to the client or disposed of as hazardous waste and billed at the rate of $25.00 per sample. HEAL reserves the right to return all dibenzodioxins/dibenzofurans to the client.

9. SECTION HEADING

9.1 The section headings of these Terms and Conditions are intended solely for convenient reference and shall not define, limit or affect in any way These Terms and Conditions or their interpretations.

10. GOVERNING LAW

10.1 These Terms and Conditions, and transaction or agreement, to which they apply, shall be governed both as to interpretation and performance by the laws of the State of New Mexico.

CHAIN-OF-CUSTODY RECORD

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

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

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

Project Name: STATE GC J #1A
Project #: 90
Project Manager: NV
Sampler: NV
Sample Temperature: 4°

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	Preservative	HEAL No.
8/11/06	0715	WATER	MW #1	2-40 ml	✓			0608165 -1
8/11/06	0735	WATER	MW #3	2-40 ml	✓			-2

ANALYSIS REQUEST

(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)					Air Bubbles or Headspace (Y or N)
✓																
✓																

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	
8/11/06	0815	Nelson Velez		
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	8-11-06 1600

Remarks:

1. DEFINITIONS

1.1 "Acceptance of a sample" means the determination of HEAL to proceed with work following receipt and inspection of such sample.

1.2 "Customer" means the individual or entity who may request laboratory services and his or its heirs, successors, assigns, and representatives.

1.3 HEAL means Hall Environmental Analysis Laboratory its employees, servants, agents, and representative.

1.4 "Price schedule" means HEAL'S standard price schedule, as such, document may be amended from time to time by HEAL.

1.5 "Results" mean data generated by HEAL from the analysis of one or more samples

1.6 "Terms and Conditions" mean these Terms and Conditions of sale, including the Price Schedule, and any additions or amendments hereto which are agreed to in writing by HEAL as provided in Section 7.1

2. ORDERS

2.1 The customer may order services by submitting a written purchase order to HEAL, by placing a telephone order, which will be subsequently confirmed in writing, or by negotiated contract. Any such order constitutes a) an acceptance by the Customer of HEAL'S offer to do business with the Customer under these Terms and Conditions, and b) an agreement to be bound by these Terms and Conditions. The Customer's delivery of samples to HEAL constitutes the Customer's express assent to be governed by these Terms and Conditions. HEAL reserves the right to refuse to proceed with work at any time based upon an unfavorable customer credit report.

2.2 Any order placed by the Customer under Section 2.1 is subject to a minimum cancellation charge of $250.

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4.2 HEAL reserves the absolute right, exercisable at any time to refuse delivery of, refuse to accept, or revoke Acceptance of, any sample which in the sole judgement of HEAL a) is of unsuitable volume, b) unsuitable containers as required for the requested analysis, or c) may be or become unsuitable for, or may pose a risk in, handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance and whether or not such presence has been disclosed to HEAL by the Customer.

4.3 Where applicable, HEAL will use analytical methodologies which are in substantial conformity with U.S. Environmental Protection Agency (EPA), state agency, American Society for Testing and Materials (ASTM), Association of Official Analytical Chemist (AOAC), Standard Methods for the examination of Water and Wastewater, or other recognized methodologies. HEAL reserves the right to deviate from these methodologies, if necessary or appropriate due to the nature of composition of the sample or otherwise based on the reasonable judgement of HEAL, which deviation, if any will be made on a basis consistent with recognized standards of industry and/ or HEAL'S Standard Operating Procedures.

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5. WARRANTIES, LIABILITY AND INDEMNIFICATION

5.1 HEAL warrants only that its services will fulfill obligations set forth in Section 4.3 and 4.4 hereof. This warranty is the sole and exclusive warranty given by HEAL in connection with any such services, and HEAL gives and makes no other representation or warranty of any kind, express or implied. No representative of HEAL is authorized to give or make any other representation or warranty or modify the warranty in any way.

5.2 The liability and obligations of HEAL, and the remedies of the Customer in connection with any services performed by HEAL will be limited to repeating the services performed or, at the sole option of HEAL, refunding in full or in part fees paid by the Customer for such services. HEAL'S obligation to repeat any services with respect to any sample will be contingent on the Customer's providing, at the request of HEAL and at the Customer's expense, an additional sample if necessary. Any reanalysis generating Results consistent with the Original Results will be at the Customer's expense. Except as otherwise specifically provided herein, HEAL shall have no liability, obligation or responsibility of any kind for any losses, costs, expenses, or other damages (including but not limited to any special, indirect, incidental or consequential damages) for any representation or warranty of a kind with respect to HEAL'S Services or Results.

5.3 In no event shall HEAL have any responsibility or liability to the Customer for any failure or delay in performance by HEAL, which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of HEAL. Such cause and circumstance shall include, but not be limited to, acts of God, acts of Customer, acts of orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disputes, difficulties or delays in transportation, mail or delivery services, inability to obtain from HEAL usual sources sufficient services or supplies, or any other cause beyond HEAL'S reasonable control.

5.4 All results provided by HEAL are strictly for the use of its Customers, and HEAL is in no way responsible for the use of such results by Customers or third parties. All results should be considered in their entirety, and HEAL is in no way responsible for the separation, detachment, or other use of any portion of the results.

5.5 The customer represents and warrants that any sample delivered to HEAL will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by the customer. The Customer further warrants that any sample containing any hazardous substance, which is to be delivered to HEAL'S premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

5.6 It is understood and agreed that all samples and cuttings of materials containing hazardous contaminants are the property and the responsibility of the Customer. All contaminated samples and laboratory byproducts will be returned to the Customer for disposal. It is understood and agreed that HEAL is not, and has no responsibility as, a generator, treater, storer, or disposer of hazardous or toxic substances found or identified at a site, and the Customer agrees to assume the responsibility for the foregoing.

5.7 The Customer shall indemnify and hold harmless HEAL from and against any and all claims, suits, judgements, damages, losses, liabilities, expenses, payments, taxes, duties, fines and/or other costs (including but not limited to liability to a third party) arising out of a) the presence of hazardous substances in any sample of the Customer regardless of the Customer's compliance with paragraph 5.5 hereof b) accidents occurring during the transport of any sample of the Customer, c) events control, or d) negligence by the Customer in the use, evaluation, or application of Results provided by HEAL

5.8 Should any Customer sample, due to its matrix or constituents of its matrix, cause the operations of any HEAL instrumentation to be reduced, stopped, or altered, HEAL is entitled to compensation by the Customer for any loss of revenue due to the instrument's downtime, and/or the parts and labor necessary to bring the instruments back to its former operating condition. The amount of compensation is negotiable upon acceptance of these Terms and Conditions and the individual circumstances warranting the reimbursement.

6. ENTIRE AGREEMENT: SEVERABILITY

6.1 These Terms and Conditions, together with any additions or revisions which may be agreed to in writing by HEAL as provided in Section 7.1, embodied the whole agreement of the parties. There are no promises, terms, conditions, understandings, obligations or agreements other than those contained herein, unless made in accordance with Section 7.1; and these Terms and Conditions shall supersede all previous communications, representations, or agreements, either verbal or written, between the Customer and HEAL. HEAL specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Customer to HEAL

6.2 The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions, the intent of the parties being that the provisions be severable.

7. AMENDMENTS AND WAIVERS

7.1 HEAL shall not be subject to or bound by any provision, term or condition which is in addition to or inconsistent or conflicting with these Terms and Conditions. HEAL shall not be deemed to have amended or waived and provision, term or condition, or have given any required consent or approval, or to have waived any breach by the Customer of any of these Terms and Conditions unless specifically set forth in writing and executed on behalf of HEAL by a duly authorized officer. No other employee, servant, agent or representatives of HEAL has any authority whatsoever to add to, delete, alter or vary any of these Terms and Conditions in any manner, or to give any consent, approval or waiver, and HEAL shall not be bound by any such purported addition, deletion, alteration, variation, consent, approval or waiver.

7.2 No waiver by HEAL of any provision, term or condition hereof or of any breach by or obligation of the Customer hereunder shall constitute a waiver of such provision, term or condition on any other occasion or a waiver of any other breach by or obligation of the Customer.

8. SAMPLE STORAGE

8.1 Bulk samples will be retained for thirty (30) days after the analytical report has been issued unless alternate arrangements have been made in advance. Storage of samples or extracts for longer periods is by request only. Sample storage charges depend upon storage requirements and duration. Nominally, a sample storage fee of $5.00 per sample, per month will be billed monthly unless other arrangements are made. If requested, unused sample material may be returned at the client's expense. Materials, which are identified as hazardous, will be returned to the client or disposed of as hazardous waste and billed at the rate of $25.00 per sample. HEAL reserves the right to return all dibenzodioxins/dibenzofurans to the client.

9. SECTION HEADING

9.1 The section headings of these Terms and Conditions are intended solely for convenient reference and shall not define, limit or affect in any way These Terms and Conditions or their interpretations.

10. GOVERNING LAW

10.1 These Terms and Conditions, and transaction or agreement, to which they apply, shall be governed both as to interpretation and performance by the laws of the State of New Mexico.

14667

CHAIN OF CUSTODY RECORD

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BLAGG / BP	STATE GC J #1A	
Sampler: NV	Client No. 94034-010	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers		MAJOR ANIONS/ CATIONS					Remarks
												PRESERVED COOL
												GRAB SAMPLES
MW #1	8/7/06	0905	38074	WATER	1		✓					
MW #2	8/7/06	1030	38075	WATER	1		✓					
MW #3	8/7/06	0950	38076	WATER	1		✓					
					EE NV							

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Nelson Velez	8/7/06 NV	1430	Christine M Walters	8/7/06	1430
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	✓		

QA/QC SUMMARY REPORT

Client: Blagg Engineering
Project: STATE GC J #1A **Work Order:** 0608110

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8021									
Sample ID: 5ML RB-III		*MBLK*			Batch ID:	**R20262**	Analysis Date:		8/12/2006 2:03:56 AM
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	3.0						
Sample ID: 100NG BTEX LCS-III		*LCS*			Batch ID:	**R20262**	Analysis Date:		8/12/2006 7:56:33 AM
Benzene	17.99	µg/L	1.0	90.0	85	115			
Toluene	18.42	µg/L	1.0	92.1	85	118			
Ethylbenzene	19.03	µg/L	1.0	95.1	85	116			
Xylenes, Total	59.71	µg/L	3.0	97.3	85	119			
Sample ID: 100NG BTEX LCSD-I		*LCSD*			Batch ID:	**R20262**	Analysis Date:		8/12/2006 8:47:53 AM
Benzene	18.22	µg/L	1.0	91.1	85	115	1.25	27	
Toluene	17.82	µg/L	1.0	89.1	85	118	3.31	19	
Ethylbenzene	18.94	µg/L	1.0	94.7	85	116	0.453	10	
Xylenes, Total	58.76	µg/L	3.0	95.7	85	119	1.62	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 and Time Received: 8/9/2006

Work Order Number 0608110 | Received by NJM

Checklist completed by: [signature] Signature | 8/6/06 Date

Matrix: | Carrier name: Greyhound

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 - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	

Container/Temp Blank temperature? **14°** *4° C ± 2 Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

QA/QC SUMMARY REPORT

Client: Blagg Engineering
Project: STATE GC J #1A **Work Order:** 0608165

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8021									
Sample ID: B		*MBLK*			Batch ID: **R20310**		Analysis Date:	8/16/2006 10:48:28 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	3.0						
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID: **R20310**		Analysis Date:	8/16/2006 7:12:02 PM	
Benzene	18.87	µg/L	1.0	94.3	85	115			
Toluene	19.11	µg/L	1.0	91.8	85	118			
Ethylbenzene	20.35	µg/L	1.0	102	85	116			
Xylenes, Total	63.16	µg/L	3.0	103	85	119			

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 and Time Received: 8/11/2006

Work Order Number 0608165 | Received by GLS

Checklist completed by GS Schlippe (Signature) 8-11-06 (Date)

Matrix | Carrier name Greyhound

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 - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	
Container/Temp Blank temperature?	4°	*4° C ± 2 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 # : N / A

STATE GC J # 1A
UNIT F, SEC. 36, T30N, R9W

LABORATORY (S) USED : HALL ENVIRONMENTAL

Date : October 28, 2006

SAMPLER : N J V

Filename : 10-28-06.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	103.19	67.66	35.53	40.65	-	-	-	-	-
2	102.63	67.54	35.09	41.50	0930	7.17	4,300	13.4	3.25
3	101.87	67.48	34.39	40.93	1000	6.97	4,000	14.1	3.25
					INSTRUMENT CALIBRATIONS =	7.00	2,800		
					DATE & TIME =	10/27/06	0845		

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 both MW's. Collected BTEX from MW's #2 & #3 only.

Top of casing MW # 1 ~ 2.30 ft., MW # 2 ~ 3.00 ft., MW # 3 ~ 2.40 ft. above grade.

Hall Environmental Analysis Laboratory, Inc.

Date: *03-Nov-06*

CLIENT: Blagg Engineering
Project: State GC J #1A
Lab Order: 0610364

Lab ID: 0610364-01
Client Sample ID: MW #2
Collection Date: 10/28/2006 9:30:00 AM
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	11/2/2006 1:39:54 PM
Toluene	ND	1.0		µg/L	1	11/2/2006 1:39:54 PM
Ethylbenzene	ND	1.0		µg/L	1	11/2/2006 1:39:54 PM
Xylenes, Total	ND	3.0		µg/L	1	11/2/2006 1:39:54 PM
Surr: 4-Bromofluorobenzene	84.9	72.2-125		%REC	1	11/2/2006 1:39:54 PM

Lab ID: 0610364-02
Client Sample ID: MW #3
Collection Date: 10/28/2006 10:00:00 AM
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	11/2/2006 2:10:07 PM
Toluene	ND	1.0		µg/L	1	11/2/2006 2:10:07 PM
Ethylbenzene	ND	1.0		µg/L	1	11/2/2006 2:10:07 PM
Xylenes, Total	ND	3.0		µg/L	1	11/2/2006 2:10:07 PM
Surr: 4-Bromofluorobenzene	81.8	72.2-125		%REC	1	11/2/2006 2:10:07 PM

Qualifiers:

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

CHAIN-OF-CUSTODY RECORD

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

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

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

Project Name: STATE GC J #1A
Project #: TN
Project Manager: NV
Sampler: NV
Sample Temperature: 1°

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	Preservative	HEAL No.	(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)					Air Bubbles or Headspace (Y or N)
10/28/06	0930	WATER	MW #2	2-40ml	✓			0610364 -1	✓																
10/28/06	1000	WATER	MW #3	2-40ml	✓			-2	✓																

Date	Time	Relinquished By: (Signature)	Received By: (Signature)	Date	Time
10/30/06	0645			10/31/06	0948

Remarks:

1. DEFINITIONS

1.1 "Acceptance of a sample" means the determination of HEAL to proceed with work following receipt and inspection of such sample.

1.2 "Customer" means the individual or entity who may request laboratory services and his or its heirs, successors, assigns, and representatives.

1.3 HEAL means Hall Environmental Analysis Laboratory its employees, servants, agents, and representative.

1.4 "Price schedule" means HEAL'S standard price schedule, as such, document may be amended from time to time by HEAL.

1.5 "Results" mean data generated by HEAL from the analysis of one or more samples.

1.6 "Terms and Conditions" mean these Terms and Conditions of sale, including the Price Schedule, and any additions or amendments hereto which are agreed to in writing by HEAL as provided in Section 7.1

2. ORDERS

2.1 The customer may order services by submitting a written purchase order to HEAL, by placing a telephone order, which will be subsequently confirmed in writing, or by negotiated contract. Any such order constitutes a) an acceptance by the Customer of HEAL'S offer to do business with the Customer under these Terms and Conditions, and b) an agreement to be bound by these Terms and Conditions. The Customer's delivery of samples to HEAL constitutes the Customer's express assent to be governed by these Terms and Conditions. HEAL reserves the right to refuse to proceed with work at any time based upon an unfavorable customer credit report

2.2 Any order placed by the Customer under Section 2.1 is subject to a minimum cancellation charge of $250.

3. PAYMENT TERMS

3.1 Services performed by HEAL will be in accordance with prices quoted and later confirmed in writing or as stated on the Price Schedule, which prices are subject to change periodically without notice. The Customer should confirm with HEAL the current price prior to placing an order for work.

3.2 Payment terms are net 30 days from the date of invoice by HEAL. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) per month or portion thereof from the due date until the date of payment. All payments shall be made in United State currency.

3.3 The prices stated on the Price Schedule do not include any sales, use or other taxes unless specifically stated. Such taxes will be added to invoice prices when required.

4. RECEIPT OF SAMPLES AND DELIVERY OF SERVICES

4.1 Prior to HEAL'S Acceptance of any sample (or after any revocation of Acceptance), the entire risk of loss or damage to such sample will remain with the Customer. In no event will HEAL have any responsibility or liability for the action or inaction of HEAL'S carrier shipping or delivering any sample to or from HEAL'S premises.

4.2 HEAL reserves the absolute right, exercisable at any time to refuse delivery of, refuse to accept, or revoke Acceptance of, any sample which in the sole judgement of HEAL a) is of unsuitable volume, b) unsuitable containers as required for the requested analysis, or c) may be or become unsuitable for, or may pose a risk in, handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance and whether or not such presence has been disclosed to HEAL by the Customer.

4.3 Where applicable, HEAL will use analytical methodologies which are in substantial conformity with U.S. Environmental Protection Agency (EPA), state agency, American Society for Testing and Materials (ASTM), Association of Official Analytical Chemist (AOAC), Standard Methods for the examination of Water and Wastewater, or other recognized methodologies. HEAL reserves the right to deviate from these methodologies, if necessary or appropriate due to the nature of composition of the sample or otherwise based on the reasonable judgement of HEAL, which deviation, if any will be made on a basis consistent with recognized standards of industry and/ or HEAL'S Standard Operating Procedures.

4.4 Upon timely delivery of samples, HEAL will use its best efforts to comply with storage, processing and analytical holding time limits as set forth in applicable EPA or state guidelines or otherwise requested by the Customer or set forth on the Price Schedule. However, unless specifically made part of a written agreement between HEAL and the Customer, such time limits cannot be guaranteed. Unless specifically indicated on the Price Schedule or expressly made part of a written agreement between HEAL and the Customer, analytical turnaround times are not guaranteed

4.5 At HEAL'S sole discretion, verbal Results may be given in advance of the written report of Results Such verbal Results are TENTATIVE RESULTS ONLY, subject to confirmation or change based on HEAL'S standard quality assurance review procedures.

5. WARRANTIES, LIABILITY AND INDEMNIFICATION

5.1 HEAL warrants only that its services will fulfill obligations set forth in Section 4.3 and 4.4 hereof. This warranty is the sole and exclusive warranty given by HEAL in connection with any such services, and HEAL gives and makes no other representation or warranty of any kind, express or implied. No representative of HEAL is authorized to give or make any other representation or warranty or modify the warranty in any way.

5.2 The liability and obligations of HEAL, and the remedies of the Customer in connection with any services performed by HEAL will be limited to repeating the services performed or, at the sole option of HEAL, refunding in full or in part fees paid by the Customer for such services. HEAL'S obligation to repeat any services with respect to any sample will be contingent on the Customer's providing, at the request of HEAL and at the Customer's expense, an additional sample if necessary. Any reanalysis generating Results consistent with the Original Results will be at the Customer's expense. Except as otherwise specifically provided herein, HEAL shall have no liability, obligation or responsibility of any kind for any losses, costs, expenses, or other damages (including but not limited to any special, indirect, incidental or consequential damages) for any representation or warranty of a kind with respect to HEAL'S Services or Results.

5.3 In no event shall HEAL have any responsibility or liability to the Customer for any failure or delay in performance by HEAL, which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of HEAL. Such cause and circumstance shall include, but not be limited to, acts of God, acts of Customer, acts of orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disputes, difficulties or delays in transportation, mail or delivery services, inability to obtain from HEAL usual sources sufficient services or supplies, or any other cause beyond HEAL'S reasonable control.

5.4 All results provided by HEAL are strictly for the use of its Customers, and HEAL is in no way responsible for the use of such results by Customers or third parties. All results should be considered in their entirety, and HEAL is in no way responsible for the separation, detachment, or other use of any portion of the results.

5.5 The customer represents and warrants that any sample delivered to HEAL will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by the customer. The Customer further warrants that any sample containing any hazardous substance, which is to be delivered to HEAL'S premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

5.6 It is understood and agreed that all samples and cuttings of materials containing hazardous contaminants are the property and the responsibility of the Customer. All contaminated samples and laboratory byproducts will be returned to the Customer for disposal. It is understood and agreed that HEAL is not, and has no responsibility as, a generator, treater, storer, or disposer of hazardous or toxic substances found or identified at a site, and the Customer agrees to assume the responsibility for the foregoing.

5.7 The Customer shall indemnify and hold harmless HEAL from and against any and all claims, suits, judgements, damages, losses, liabilities, expenses, payments, taxes, duties, fines and/or other costs (including but not limited to liability to a third party) arising out of a) the presence of hazardous substances in any sample of the Customer regardless of the Customer's compliance with paragraph 5.5 hereof b) accidents occurring during the transport of any sample of the Customer, c) events control, or d) negligence by the Customer in the use, evaluation, or application of Results provided by HEAL.

5.8 Should any Customer sample, due to its matrix or constituents of its matrix, cause the operations of any HEAL instrumentation to be reduced, stopped, or altered, HEAL is entitled to compensation by the Customer for any loss of revenue due to the instrument's downtime, and/or the parts and labor necessary to bring the instruments back to its former operating condition. The amount of compensation is negotiable upon acceptance of these Terms and Conditions and the individual circumstances warranting the reimbursement.

6. ENTIRE AGREEMENT: SEVERABILITY

6.1 These Terms and Conditions, together with any additions or revisions which may be agreed to in writing by HEAL as provided in Section 7.1, embodied the whole agreement of the parties. There are no promises, terms, conditions, understandings, obligations or agreements other than those contained herein, unless made in accordance with Section 7.1; and these Terms and Conditions shall supersede all previous communications, representations, or agreements, either verbal or written, between the Customer and HEAL. HEAL specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Customer to HEAL.

6.2 The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions, the intent of the parties being that the provisions be severable.

7. AMENDMENTS AND WAIVERS

7.1 HEAL shall not be subject to or bound by any provision, term or condition which is in addition to or inconsistent or conflicting with these Terms and Conditions. HEAL shall not be deemed to have amended or waived and provision, term or condition, or have given any required consent or approval, or to have waived any breach by the Customer of any of these Terms and Conditions unless specifically set forth in writing and executed on behalf of HEAL by a duly authorized officer. No other employee, servant, agent or representatives of HEAL has any authority whatsoever to add to, delete, alter or vary any of these Terms and Conditions in any manner, or to give any consent, approval or waiver, and HEAL shall not be bound by any such purported addition, deletion, alteration, variation, consent, approval or waiver.

7.2 No waiver by HEAL of any provision, term or condition hereof or of any breach by or obligation of the Customer hereunder shall constitute a waiver of such provision, term or condition on any other occasion or a waiver of any other breach by or obligation of the Customer.

8. SAMPLE STORAGE

8.1 Bulk samples will be retained for thirty (30) days after the analytical report has been issued unless alternate arrangements have been made in advance. Storage of samples or extracts for longer periods is by request only. Sample storage charges depend upon storage requirements and duration. Nominally, a sample storage fee of $5.00 per sample, per month will be billed monthly unless other arrangements are made. If requested, unused sample material may be returned at the client's expense. Materials, which are identified as hazardous, will be returned to the client or disposed of as hazardous waste and billed at the rate of $25.00 per sample. HEAL reserves the right to return all dibenzodioxins/dibenzofurans to the client.

9. SECTION HEADING

9.1 The section headings of these Terms and Conditions are intended solely for convenient reference and shall not define, limit or affect in any way These Terms and Conditions or their interpretations.

10. GOVERNING LAW

10.1 These Terms and Conditions, and transaction or agreement, to which they apply, shall be governed both as to interpretation and performance by the laws of the State of New Mexico.

QA/QC SUMMARY REPORT

Client: Blagg Engineering
Project: State GC J #1A

Work Order: 0610364

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8021									
Sample ID: 5ML RB		*MBLK*			Batch ID: **R21272**		Analysis Date:	11/2/2006 8:24:59 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	3.0						
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID: **R21272**		Analysis Date:	11/2/2006 5:13:35 PM	
Benzene	18.71	µg/L	1.0	93.6	85	115			
Toluene	18.92	µg/L	1.0	94.6	85	118			
Ethylbenzene	18.78	µg/L	1.0	91.3	85	116			
Xylenes, Total	37.98	µg/L	3.0	91.3	85	119			
Sample ID: 100NG BTEX LCSD		*LCSD*			Batch ID: **R21272**		Analysis Date:	11/2/2006 5:43:34 PM	
Benzene	18.94	µg/L	1.0	94.7	85	115	1.18	27	
Toluene	19.35	µg/L	1.0	96.7	85	118	2.23	19	
Ethylbenzene	19.05	µg/L	1.0	92.6	85	116	1.45	10	
Xylenes, Total	39.18	µg/L	3.0	94.3	85	119	3.11	13	

Qualifiers:

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name BLAGG | Date and Time Received: 10/31/2006

Work Order Number 0610364 | Received by AT

Checklist completed by _____ (Signature) 10/31/06 (Date)

Matrix | Carrier name Greyhound

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 - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	

Container/Temp Blank temperature? **1°** *4° C ± 2 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 # : N / A

STATE GC J # 1A
UNIT F, SEC. 36, T30N, R9W

LABORATORY (S) USED : HALL ENVIRONMENTAL

Date : July 21, 2007

SAMPLER : N J V

Filename : 07-21-07.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	103.19	68.34	34.85	40.65	-	-	-	-	-
2	102.57	68.27	34.30	41.50	1100	6.95	3,400	19.9	3.50
3	101.87	68.08	33.79	40.93	-	-	-	-	-
4	102.45	68.07	34.38	42.07	1145	6.96	3,500	20.0	1.75
					INSTRUMENT CALIBRATIONS =	7.00	2,800		
					DATE & TIME =	07/19/07	0630		

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 # 2 , fair in MW # 4 . Purged MW # 4 to total depth , then allowed recovery to approx. 35.00 ft. prior to sampling . Collected BTEX samples from MW # 2 & # 4 only .

Top of casing MW # 1 ~ 2.30 ft. , MW # 2 ~ 3.00 ft. , MW # 3 ~ 2.40 ft. , MW # 4 ~ 2.60 ft. above grade.

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Jul-07*

CLIENT: Blagg Engineering
Project: State GC J #1A

Lab Order: 0707305

Lab ID: 0707305-01 **Collection Date:** 7/21/2007 11:00:00 AM
Client Sample ID: MW #2 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	7/28/2007 2:45:13 AM
Toluene	ND	1.0		µg/L	1	7/28/2007 2:45:13 AM
Ethylbenzene	ND	1.0		µg/L	1	7/28/2007 2:45:13 AM
Xylenes, Total	ND	2.0		µg/L	1	7/28/2007 2:45:13 AM
Surr: 4-Bromofluorobenzene	105	70.2-105		%REC	1	7/28/2007 2:45:13 AM

Lab ID: 0707305-02 **Collection Date:** 7/21/2007 11:45:00 AM
Client Sample ID: MW #4 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	7/28/2007 3:15:03 AM
Toluene	ND	1.0		µg/L	1	7/28/2007 3:15:03 AM
Ethylbenzene	ND	1.0		µg/L	1	7/28/2007 3:15:03 AM
Xylenes, Total	ND	2.0		µg/L	1	7/28/2007 3:15:03 AM
Surr: 4-Bromofluorobenzene	105	70.2-105	S	%REC	1	7/28/2007 3:15:03 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		

1. DEFINITIONS

1.1 "Acceptance of a sample" means the determination of HEAL to proceed with work following receipt and inspection of such sample.

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1.4 "Price schedule" means HEAL'S standard price schedule, as such, document may be amended from time to time by HEAL.

1.5 "Results" mean data generated by HEAL from the analysis of one or more samples.

1.6 "Terms and Conditions" mean these Terms and Conditions of sale, including the Price Schedule, and any additions or amendments hereto which are agreed to in writing by HEAL as provided in Section 7.1

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2.1 The customer may order services by submitting a written purchase order to HEAL, by placing a telephone order, which will be subsequently confirmed *in writing, or by negotiated contract. Any such order constitutes* a) an acceptance by the Customer of HEAL'S offer to do business with the Customer under these Terms and Conditions, and b) an agreement to be bound by these Terms and Conditions. The Customer's delivery of samples to HEAL constitutes the Customer's express assent to be governed by these Terms and Conditions. HEAL reserves the right to refuse to proceed with work at any time based upon an unfavorable customer credit report.

2.2 Any order placed by the Customer under Section 2.1 is subject to a minimum cancellation charge of $250.

3. PAYMENT TERMS

3.1 Services performed by HEAL will be in accordance with prices quoted and later confirmed in writing or as stated on the Price Schedule, which prices are subject to change periodically without notice. The Customer should confirm with HEAL the current price prior to placing an order for work.

3.2 Payment terms are net 30 days from the date of invoice by HEAL. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) per month or portion thereof from the due date until the date of payment. All payments shall be made in United State currency.

3.3 The prices stated on the Price Schedule do not include any sales, use or other taxes unless specifically stated. Such taxes will be added to invoice prices when required.

4. RECEIPT OF SAMPLES AND DELIVERY OF SERVICES

4.1 *Prior to HEAL'S Acceptance of any sample (or after any revocation of* Acceptance), the entire risk of loss or damage to such sample will remain with the Customer. In no event will HEAL have any responsibility or liability for the action or inaction of HEAL'S carrier shipping or delivering any sample to or from HEAL'S premises.

4.2 *HEAL reserves the absolute right, exercisable at any time to refuse delivery* of, refuse to accept, or revoke Acceptance or, any sample which in the sole judgement of HEAL a) is of unsuitable volume, b) unsuitable containers as required for the requested analysis, or c) may be or become unsuitable for, or may pose a risk in, handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance and whether or not such presence has been disclosed to HEAL by the Customer.

4.3 Where applicable, HEAL will use analytical methodologies which are in substantial conformity with U.S. Environmental Protection Agency (EPA), state agency, American Society for Testing and Materials (ASTM), Association of Official Analytical Chemist (AOAC), Standard Methods for the examination of Water and Wastewater, or other recognized methodologies. HEAL reserves the right to deviate from these methodologies, if necessary or appropriate due to the nature of composition of the sample or otherwise based on the reasonable judgement of HEAL, which deviation, if any will be made on a basis consistent with recognized standards of industry and/ or HEAL'S Standard Operating Procedures.

4.4 Upon timely delivery of samples, HEAL will use its best efforts to comply with storage, processing and analytical holding time limits as set forth in applicable EPA or state guidelines or otherwise requested by the Customer or set forth on the Price Schedule. However, unless specifically made part of a written agreement between HEAL and the Customer, such time limits cannot be guaranteed. Unless specifically indicated on the Price Schedule or expressly made part of a written agreement between HEAL and the Customer, analytical turnaround times are not guaranteed.

4.5 At HEAL'S sole discretion, verbal Results may be given in advance of the written report of Results Such verbal Results are TENTATIVE RESULTS ONLY, subject to confirmation or change based on HEAL'S standard quality assurance review procedures.

5. WARRANTIES, LIABILITY AND INDEMNIFICATION

5.1 HEAL warrants only that its services will fulfill obligations set forth in Section 4.3 and 4.4 hereof. This warranty is the sole and exclusive warranty given by HEAL in connection with any such services, and HEAL gives and makes no other representation or warranty of any kind, express or implied No representative of HEAL is authorized to give or make any other representation or warranty or modify the warranty in any way.

5.2 The liability and obligations of HEAL, and the remedies of the Customer in connection with any services performed by HEAL will be limited to repeating the services performed or, at the sole option of HEAL, refunding in full or in part fees paid by the Customer for such services. *HEAL'S obligation to repeat any services with respect to any* sample will be contingent on the Customer's providing, at the request of HEAL and at the Customer's expense, an additional sample if necessary. Any reanalysis generating Results consistent with the Original Results will be at the Customer's expense. Except as otherwise specifically provided herein, HEAL shall have no liability, obligation or responsibility of any kind for any losses, costs, expenses, or other damages (including but not limited to any special, indirect, incidental or consequential damages) for any representation or warranty of a kind with respect to HEAL'S Services or Results.

5.3 In no event shall HEAL have any responsibility or liability to the Customer for any failure or delay in performance by HEAL, which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of HEAL. Such cause and circumstance shall include, but not be limited to, acts of God, acts of Customer, acts of orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disputes, difficulties or delays in transportation, mail or delivery services, inability to obtain from HEAL usual sources sufficient services or supplies, or any other cause beyond HEAL'S reasonable control.

5.4 All results provided by HEAL are strictly for the use of its Customers, and HEAL is in no way responsible for the use of such results by Customers or third parties. All results should be considered in their entirety, and *HEAL is in no way responsible for the separation,* detachment, or other use of any portion of the results.

5.5 The customer represents and warrants that any sample delivered to HEAL will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by the *customer. The Customer further warrants that any sample containing* any hazardous substance, which is to be delivered to HEAL'S premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

5.6 It is understood and agreed that all samples and cuttings of materials containing hazardous contaminants are the property and the responsibility of the Customer. All contaminated samples and laboratory byproducts will be returned to the Customer for disposal. It is understood and agreed that HEAL is not, and has no responsibility as, a generator, treater, storer, or disposer of hazardous or toxic substances found or identified at a site, and the Customer agrees to assume the responsibility for the foregoing.

5.7 The Customer shall indemnify and hold harmless HEAL from and against any and all claims, suits, judgements, damages, losses, liabilities, expenses, payments, taxes, duties, fines and/or other costs (including but not limited to liability to a third party) arising out of a) the presence of hazardous substances in any sample of the Customer regardless of the Customer's compliance with paragraph 5.5 hereof b) accidents occurring during the transport of any sample of the Customer, c) events control, or d) negligence by the Customer in the use, evaluation, or application of Results provided by HEAL.

5.8 Should any Customer sample, due to its matrix or constituents of its matrix, cause the operations of any HEAL instrumentation to be reduced, stopped, or altered, HEAL is entitled to compensation by the Customer for any loss of revenue due to the instrument's downtime, and/or the parts and labor necessary to bring the instruments back to its former operating condition. The amount of compensation is negotiable upon acceptance of these Terms and Conditions and the individual circumstances warranting the reimbursement.

6. ENTIRE AGREEMENT: SEVERABILITY

6.1 These Terms and Conditions, together with any additions or revisions which may be agreed to in writing by HEAL as provided in Section 7.1, embodied *the whole agreement of the parties.* There are no promises, terms, conditions, understandings, obligations or agreements other than those contained herein, unless made in accordance with Section 7.1; and these Terms and Conditions shall supersede all previous communications, representations, or agreements, either verbal or written, between the Customer and HEAL. HEAL specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Customer to HEAL

6.2 The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions, the intent of the parties being that the provisions be severable.

7. AMENDMENTS AND WAIVERS

7.1 HEAL shall not be subject to or bound by any provision, term or condition which is in addition to or inconsistent or conflicting with these Terms and Conditions. HEAL shall not be deemed to have amended or waived and provision, term or condition, or have given any required consent or approval, or to have waived any breach by the Customer of any of these Terms and Conditions unless specifically set forth in writing and executed on behalf of HEAL by a duly authorized officer. No other employee, servant, agent or representatives of HEAL has any authority whatsoever to add to, delete, alter or vary any of these Terms and Conditions in any manner, or to give any consent, approval or waiver, and *HEAL shall not be bound by any such* purported addition, deletion, alteration, variation, consent, approval or waiver.

7.2 No waiver by HEAL of any provision, term or condition hereof or of any breach by or obligation of the Customer hereunder shall constitute a waiver of such *provision, term or condition on any other occasion or a waiver of* any other breach by or obligation of the Customer.

8. SAMPLE STORAGE

8.1 Bulk samples will be retained for thirty (30) days after the analytical report *has been issued unless alternate arrangements have been made in advance.* Storage of samples or extracts for longer periods is by request only. Sample storage charges depend upon storage requirements and duration. Nominally, a sample storage fee of $5.00 per sample, per month will be billed monthly unless other arrangements are made. If requested, unused sample material may be returned at the client's expense. Materials, which are identified as hazardous, will be returned to the client or disposed of as hazardous waste and billed at the rate of $25.00 per sample. HEAL reserves the right to return all dibenzodioxins/dibenzofurans to the client.

9. SECTION HEADING

9.1 The section headings of these Terms and Conditions are intended solely for convenient reference and shall not define, limit or affect in any way These Terms and Conditions or their interpretations.

10. GOVERNING LAW

10.1 These Terms and Conditions, and transaction or agreement, to which they apply, shall be governed both as to interpretation and performance by the laws of the State of New Mexico.

QA/QC SUMMARY REPORT

Client: Blagg Engineering
Project: State GC J #1A **Work Order:** 0707305

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8021									
Sample ID: 5ML RB		*MBLK*			Batch ID: **R24556**		Analysis Date:	7/27/2007 9:15:11 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: **R24556**		Analysis Date:	7/27/2007 1:04:28 PM	
Benzene	21.25	µg/L	1.0	106	85.9	113			
Toluene	21.71	µg/L	1.0	109	86.4	113			
Ethylbenzene	22.05	µg/L	1.0	110	83.5	118			
Xylenes, Total	67.14	µg/L	2.0	112	83.4	122			

Qualifiers:

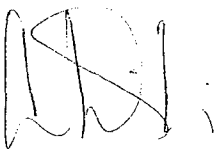
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S [illegible] recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name BLAGG | Date and Time Received: 7/24/2007

Work Order Number 0707305 | Received by ARS

Checklist completed by  7/24/07
Signature | Date

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°	*4° C ± 2 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 # : N / A

STATE GC J # 1A
UNIT F, SEC. 36, T30N, R9W

LABORATORY (S) USED : HALL ENVIRONMENTAL

Date : October 10, 2007

SAMPLER : N J V

Filename : 10-10-07.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	103.19	67.58	35.61	40.65	-	-	-	-	-
2	102.57	67.50	35.07	41.50	1520	6.87	3,700	20.5	3.25
3	101.87	67.47	34.40	40.93	1450	6.91	3,900	20.5	3.25
4	102.45	67.43	35.02	42.07	1420	6.91	4,000	21.2	1.50
					INSTRUMENT CALIBRATIONS =	7.00	2,800		
					DATE & TIME =	10/09/07	1145		

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 # 2 , MW # 3 , fair in MW # 4 . Purged MW # 4 to total depth , then allowed recovery near original static water level prior to sampling . Collected BTEX samples from MW # 2 , # 3 , & # 4 .

Top of casing MW # 1 ~ 2.30 ft. , MW # 2 ~ 3.00 ft. , MW # 3 ~ 2.40 ft. , MW # 4 ~ 2.60 ft. above grade.

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-07*

CLIENT: Blagg Engineering
Project: STATE GC J #1A
Lab Order: 0710249

Lab ID: 0710249-01 **Collection Date:** 10/10/2007 3:20:00 PM
Client Sample ID: MW #2 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/13/2007 6:27:38 AM
Toluene	ND	1.0		µg/L	1	10/13/2007 6:27:38 AM
Ethylbenzene	ND	1.0		µg/L	1	10/13/2007 6:27:38 AM
Xylenes, Total	ND	2.0		µg/L	1	10/13/2007 6:27:38 AM
Surr: 4-Bromofluorobenzene	87.8	70.2-105		%REC	1	10/13/2007 6:27:38 AM

Lab ID: 0710249-02 **Collection Date:** 10/10/2007 2:50:00 PM
Client Sample ID: MW #3 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/13/2007 7:27:29 AM
Toluene	ND	1.0		µg/L	1	10/13/2007 7:27:29 AM
Ethylbenzene	ND	1.0		µg/L	1	10/13/2007 7:27:29 AM
Xylenes, Total	ND	2.0		µg/L	1	10/13/2007 7:27:29 AM
Surr: 4-Bromofluorobenzene	90.3	70.2-105		%REC	1	10/13/2007 7:27:29 AM

Lab ID: 0710249-03 **Collection Date:** 10/10/2007 2:20:00 PM
Client Sample ID: MW #4 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	10/13/2007 8:27:07 AM
Toluene	ND	1.0		µg/L	1	10/13/2007 8:27:07 AM
Ethylbenzene	ND	1.0		µg/L	1	10/13/2007 8:27:07 AM
Xylenes, Total	ND	2.0		µg/L	1	10/13/2007 8:27:07 AM
Surr: 4-Bromofluorobenzene	86.8	70.2-105		%REC	1	10/13/2007 8:27:07 AM

Qualifiers:

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

CHAIN-OF-CUSTODY RECORD

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

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

Client: BLAGG ENER. / BP AMERICA
Project Name: STATE GC J #1A
Address: P.O. BOX BLFD., NM 87413
Project #: 245
Project Manager: NV
Phone #: 632-1199
Sampler: NV
Fax #:
Sample Temperature: 5°

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	HEAL No. 0710249
10/10/07	1520	WATER	MW # 2	2-40ml	✓		1
10/10/07	1450	WATER	MW # 3	2-40ml	✓		2
10/10/07	1420	WATER	MW # 4	2-40ml	✓		3

ANALYSIS REQUEST

(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)				Air Bubbles or Headspace (Y or N)
✓															
✓															
✓															

Date	Time	Relinquished By: (Signature)	Received By: (Signature)	Date	Time
10/10/07	1610			10/11/07	1001

Remarks:

QA/QC SUMMARY REPOR

Client: Blagg Engineering
Project: STATE GC J #1A **Work Order:** 0710249

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8021									
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R25551**	Analysis Date:	10/12/2007 10:24:23 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:	**R25551**	Analysis Date:	10/12/2007 12:54:50 PM	
Benzene	19.63	µg/L	1.0	98.2	85.9	113			
Toluene	18.95	µg/L	1.0	94.8	86.4	113			
Ethylbenzene	18.80	µg/L	1.0	94.0	83.5	118			
Xylenes, Total	55.71	µg/L	2.0	92.9	83.4	122			
Sample ID: 100NG BTEX LCSD		*LCSD*			Batch ID:	**R25551**	Analysis Date:	10/13/2007 12:12:27 PM	
Benzene	20.51	µg/L	1.0	103	85.9	113	4.39	27	
Toluene	19.23	µg/L	1.0	96.2	86.4	113	1.46	19	
Ethylbenzene	19.41	µg/L	1.0	97.1	83.5	118	3.18	10	
Xylenes, Total	57.77	µg/L	2.0	96.3	83.4	122	3.62	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 and Time Received: **10/11/2007**

Work Order Number **0710249** Received by **TLS**

Checklist completed b  Signature 10/11/07 Date

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	☐	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? **5°** *4° C ± 2 Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

_____

_____

_____

_____

Corrective Action _____

_____

_____