3R - 110

ANNUAL MONITORING REPORT

03/07/2008

March 7, 2008

Mr. Glenn von Gonten
Hydrologist-Groundwater Remediation
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Annual Groundwater Remediation Reports

Dear Mr. von Gonten,

XTO Energy Inc. (XTO) is submitting the Annual Groundwater Remediation Reports in accordance with the NMOCD approved Groundwater Management Plan (GMP). Enclosed are summary reports with analytical data, summary tables, site maps, potentiometric surface diagrams and recommendations/proposed actions for:

- Bruington Gas Com #1- 3RP106
- Carson Gas Com #1E
- EJ Johnson C #1E- 3RP385
- Federal Gas Com #H1 3R 110
- Frost, Jack B #2
- McCoy GC D #1E
- OH Randel #7- 3RP386
- PO Pipken #3E 3R 409
- Rowland Gas Com #1- 3RP124
- Snyder Gas Com #1A- 3RP126
- Sullivan Gas Com D #1- 3RP131
- Valdez A #1E- 3RP134

We have also enclosed an Annual Report for ten sites that meet the closure requirements outlined in the GMP. XTO respectfully requests closure of:

- Baca Gas Com A #1A- 3RP104
- Garcia Gas Com B #1- 3RP111
- Haney Gas Com B #1E- 3RP113
- Hare Gas Com B #1
- Hare Gas Com B #1E- 3RP384
- Hare Gas Com I #1
- Masden Gas Com #1E- 3RP120
- McDaniel Gas Com B #1E- 3RP121
- Stedje Gas Com #1- 3RP128
- Sullivan Frame A #1E- 3RP130

In previously submitted reports five sites met the closure requirements outlined in the GMP and XTO requested closure on those sites in 2006 and 2007. The reports for the below listed sites are being submitted again for your review.

- Abrams J #1- 3RP100
- Armenta Gas Com C #1E- 3RP394
- Bergin Gas Com #1E- 3RP105
- Romero Gas Com A #1- 3RP123
- State Gas Com BS #1- 3RP127

Thank you for your review of the reports. XTO looks forward to hearing from you regarding closure requests and proposed remediation actions. If you have any questions please do not hesitate to contact me at (505) 333-3100.

Respectfully,

Lisa Winn
EH & S Manager
San Juan Division

cc: Mr. Brandon Powell, Environmental, NMOCD District III Office, Aztec, NM
Mr. Martin Nee, Lodestar Services Inc.
File- San Juan Groundwater

3R110

XTO ENERGY INC.

ANNUAL GROUNDWATER REPORT

2007

FEDERAL GAS COM H #1
(C) SECTION 31 – T30N – R12W, NMPM
SAN JUAN COUNTY, NEW MEXICO

PREPARED FOR:
MR. GLENN VON GONTEN
NEW MEXICO OIL CONSERVATION DIVISION

January 2008

TABLE OF CONTENTS

2007 XTO GROUNDWATER REPORT

FEDERAL GAS COM H #1

SITE DETAILS

LEGALS - TWN: 30N **RNG:** 12W **SEC:** 31 **UNIT:** C
NMOCD HAZARD RANKING: 30 **LAND TYPE:** FEE

PREVIOUS ACTIVITIES

Excavation: Nov-99 (300 CY)
Soil Borings: Mar-05
Wind Turbines: Mar-05
Quarterly Sampling Initiated: Mar-07
Additional Excavation: Mar-05 (300 cy)
Monitoring Wells: Mar-05
Wind Turbines Removed: Mar-07

SITE MAP

A site map is presented as Figure 1.

SUMMARY TABLES

A summary of laboratory results from current groundwater monitoring is presented as Table 1. Copies of the laboratory data sheets and associated quality assurance/quality control data for 2007 are presented as Attachment 1.

POTENTIOMETRIC SURFACE DIAGRAMS

Field data collected during site monitoring activities indicate a groundwater gradient that trends toward the south with a slightly varying southeasterly/southwesterly component (Figures 2 - 4).

ANNUAL GROUNDWATER REMEDIATION REPORTS

The 2006 annual groundwater report was submitted to New Mexico Oil Conservation Division (NMOCD) in February 2007, proposing removal of passive remediation system (wind turbines) and quarterly sampling of monitoring wells in accordance with NMOCD approved Groundwater Management Plan.

2007 ACTIVITIES

A site assessment was conducted in December 2006. Groundwater samples were collected from monitoring well MW-3. Monitoring wells MW-1 and MW-2 had wind turbines installed on top of the wells prohibiting groundwater sampling. Laboratory results for groundwater samples from MW-3 were below New Mexico Water Quality Control Commission (NMWQCC) standards. Wind turbines were removed from monitoring wells MW-1 and MW-2 in March 2007 and survey conducted. Quarterly sampling was initiated in the first quarter of 2007. MW-1 and MW-2 show elevated levels of benzene, toluene, ethyl benzene and total xylenes (BTEX). MW-3 exhibited no detectable levels of BTEX.

GEOLOGIC LOGS AND WELL COMPLETION DIAGRAMS

Bore/Test Hole Reports are presented as Figures 5 – 7 representing drilling that occurred on site in March 2005.

DISPOSITION OF GENERATED WASTES

Waste generated (groundwater) during monitoring well sampling and development was placed in the produced water tank located on the well site.

CONCLUSIONS

The Federal Gas Com H #1 was acquired from Amoco Production Company in January 1998. XTO Energy Inc. (XTO) responded to a spill of approximately 69 barrels of produced water and condensate in November 1999. In March 2005, while removing a 100 barrel steel water pit tank, XTO discovered a historical earthen blow pit that was included in the remediation activities. Groundwater monitoring wells were installed in each of the two source areas (Figure 1) and monitoring well MW-3 was installed cross gradient of the source area.

The quarterly sampling was initiated during the first quarter of 2007. Laboratory results from groundwater samples collected reveal elevated levels of BTEX in monitoring wells MW-1 and MW-2. Monitoring well MW-3 has consistently demonstrated no detectable levels of BTEX. Laboratory analysis indicates impact to groundwater in the source areas with no lateral impact in the cross gradient direction.

XTO proposes installation of an additional monitoring well to the south/southwest of MW-2 to further delineate groundwater impact, continued remediation of the source areas and semi annual sampling of MW-1 and MW-2. MW-3 will be sampled annually to assure no cross gradient migration has occurred. Once BTEX levels are below New Mexico Water Quality Control Commission (NMWQCC) standards quarterly sampling will be re-initiated and continue until four (4) consecutive quarters demonstrate BTEX constituents below NMWQCC standards in accordance with NMOCD approved Groundwater Management Plan.

RECOMMENDATIONS

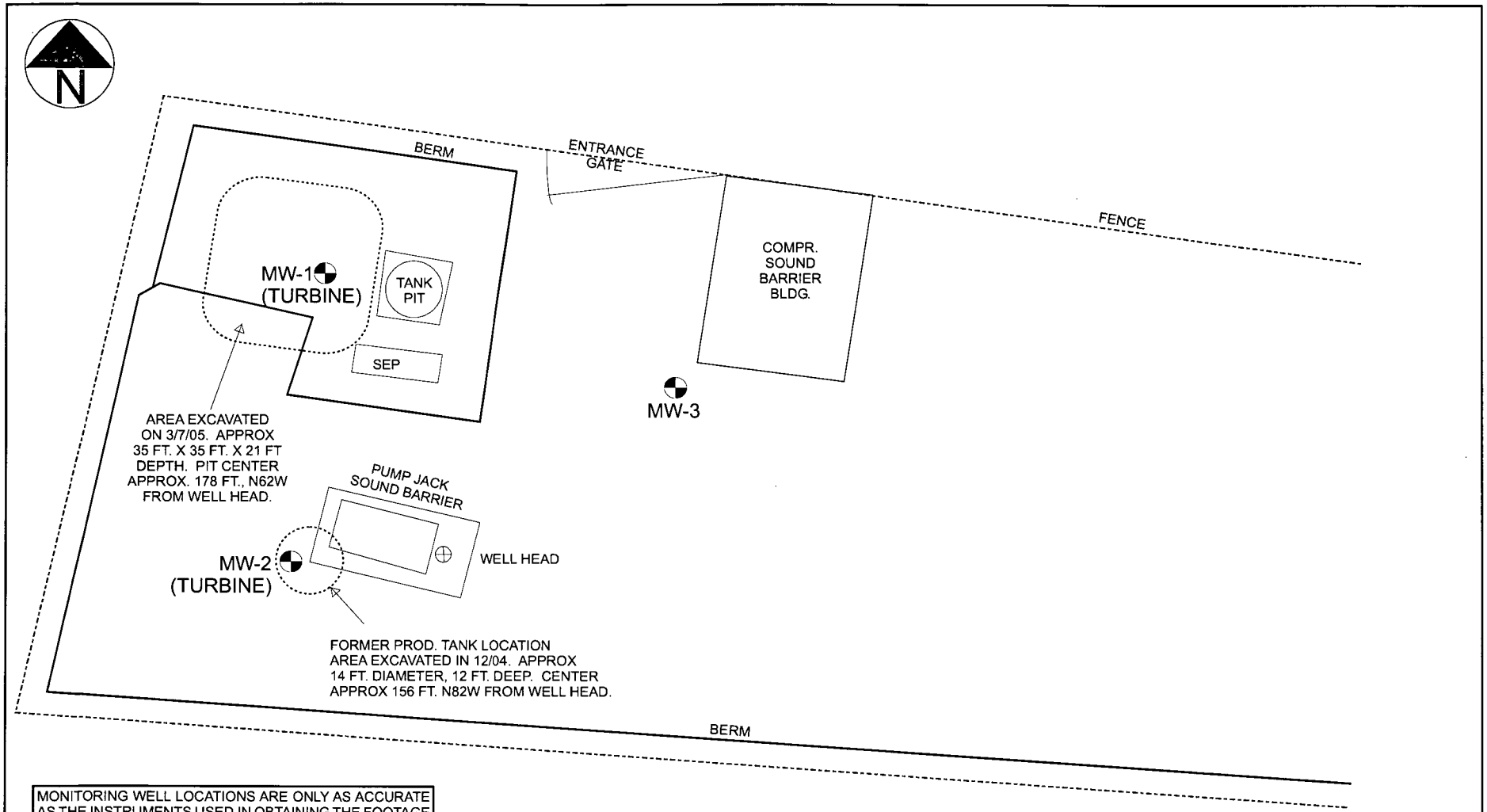
- Semi annual sampling will continue at monitoring wells MW-1 and MW-2 until analytical results show hydrocarbon constituents are below New Mexico groundwater standards.
- Quarterly sampling will then begin and continue until analytical results show hydrocarbon constituents are below New Mexico groundwater standards for four (4) consecutive quarters.
- Following OCD approval for closure, all monitoring well locations will be abandoned in accordance with the monitoring well abandonment plan.

TABLE 1

XTO ENERGY INC. GROUNDWATER LAB RESULTS

FEDERAL GAS COM H #1
UNIT C, SEC. 31, T30N, R12W

					BTEX EPA Method 801 (PPB)			
Sample Date	Monitor Well No.	DTW (ft)	TD (ft)	Product (ft)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylene (ug/L)
29-Mar-07	MW #1	31.3	37.2		39	ND	560	2300
23-Jul-07		31.6	37.2		32	ND	610	2300
11-Oct-07		31.1	37.2		50	18	440	1500
8-Jan-08					47	7.1	730	3000
29-Mar-07	MW #2	33.1	38.34		55	ND	39	60
23-Jul-07		33.2	38.34		39	ND	25	9.2
11-Oct-07		32.9	38.34		86	ND	97	140
8-Jan-08					65	ND	82	56
6-Dec-06	MW #3				ND	ND	ND	ND
29-Mar-07		34.9	39.64		ND	ND	ND	ND
23-Jul-07		35.0	39.64		ND	ND	ND	ND
11-Oct-07		34.6	39.64		ND	ND	ND	ND
8-Jan-08					ND	ND	ND	ND
NMWQCC GROUNDWATER STANDARDS					10	750	750	620



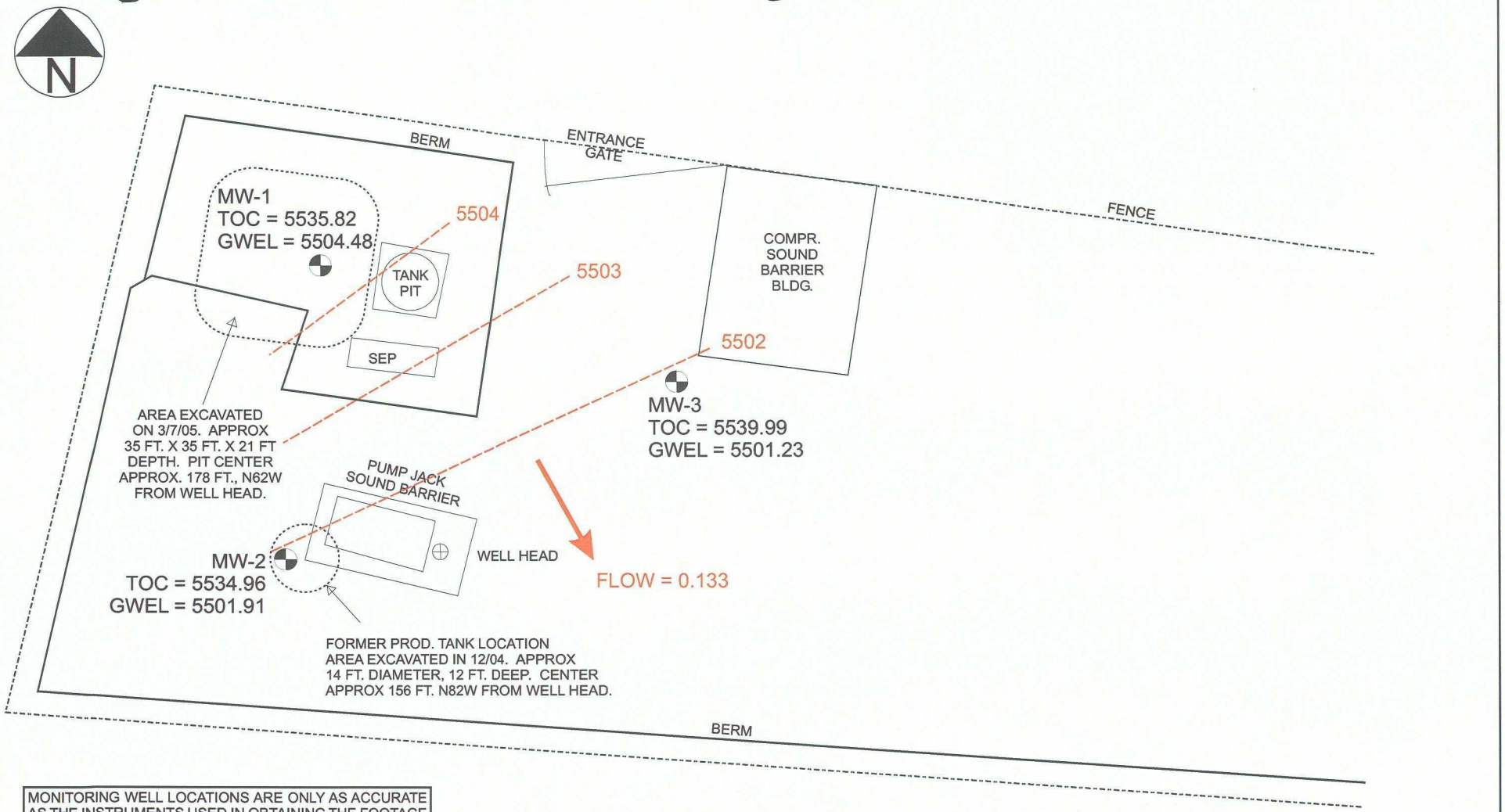
MONITORING WELL LOCATIONS ARE ONLY AS ACCURATE AS THE INSTRUMENTS USED IN OBTAINING THE FOOTAGE AND BEARING FROM THE WELL HEAD (BRUNTON COMPASS AND LASER RANGE FINDER). ALL OTHER STRUCTURES DISPLAYED ON THE SITE MAP ARE SOLELY FOR REFERENCE AND MAY NOT BE TO SCALE.

1 INCH = 30 FEET

0 30 60 FT.

TOC = TOP OF CASING ELEVATION
GWEL = GROUNDWATER ELEVATION
--- = INFERRED GROUNDWATER CONTOUR LINE

Lodestar Services, Inc PO Box 3861 Farmington, NM 87499	FEDERAL GAS COM H #1 NE/4 NW/4 SEC.31, T30N, R12W SAN JUAN COUNTY, NEW MEXICO	PROJECT: XTO GROUND WATER DRAWN BY: ALA REVISED: 01/05/07	FIGURE 1 SITE MAP



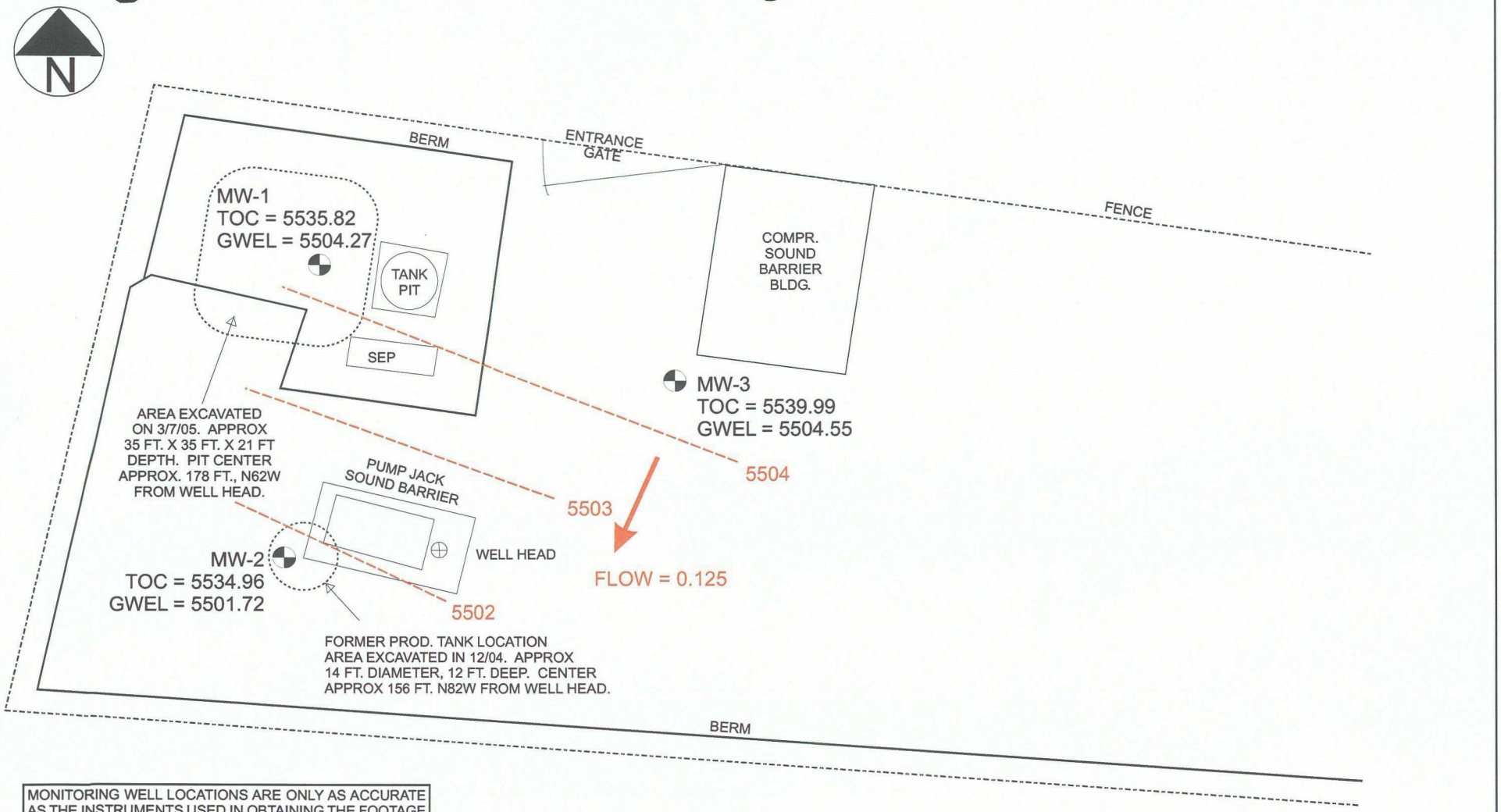
MONITORING WELL LOCATIONS ARE ONLY AS ACCURATE AS THE INSTRUMENTS USED IN OBTAINING THE FOOTAGE AND BEARING FROM THE WELL HEAD (BRUNTON COMPASS AND LASER RANGE FINDER). ALL OTHER STRUCTURES DISPLAYED ON THE SITE MAP ARE SOLELY FOR REFERENCE AND MAY NOT BE TO SCALE.

1 INCH = 30 FEET

0 30 60 FT.

TOC = TOP OF CASING ELEVATION
GWEL = GROUNDWATER ELEVATION
--- = INFERRED GROUNDWATER CONTOUR LINE

Lodestar Services, Inc PO Box 3861 Farmington, NM 87499	FEDERAL GAS COM H #1 NE/4 NW/4 SEC.31, T30N, R12W SAN JUAN COUNTY, NEW MEXICO	PROJECT: XTO GROUND WATER DRAWN BY: ALA REVISED: 06/03/07	GROUNDWATER GRADIENT MAP 03/29/2007 FIGURE 2



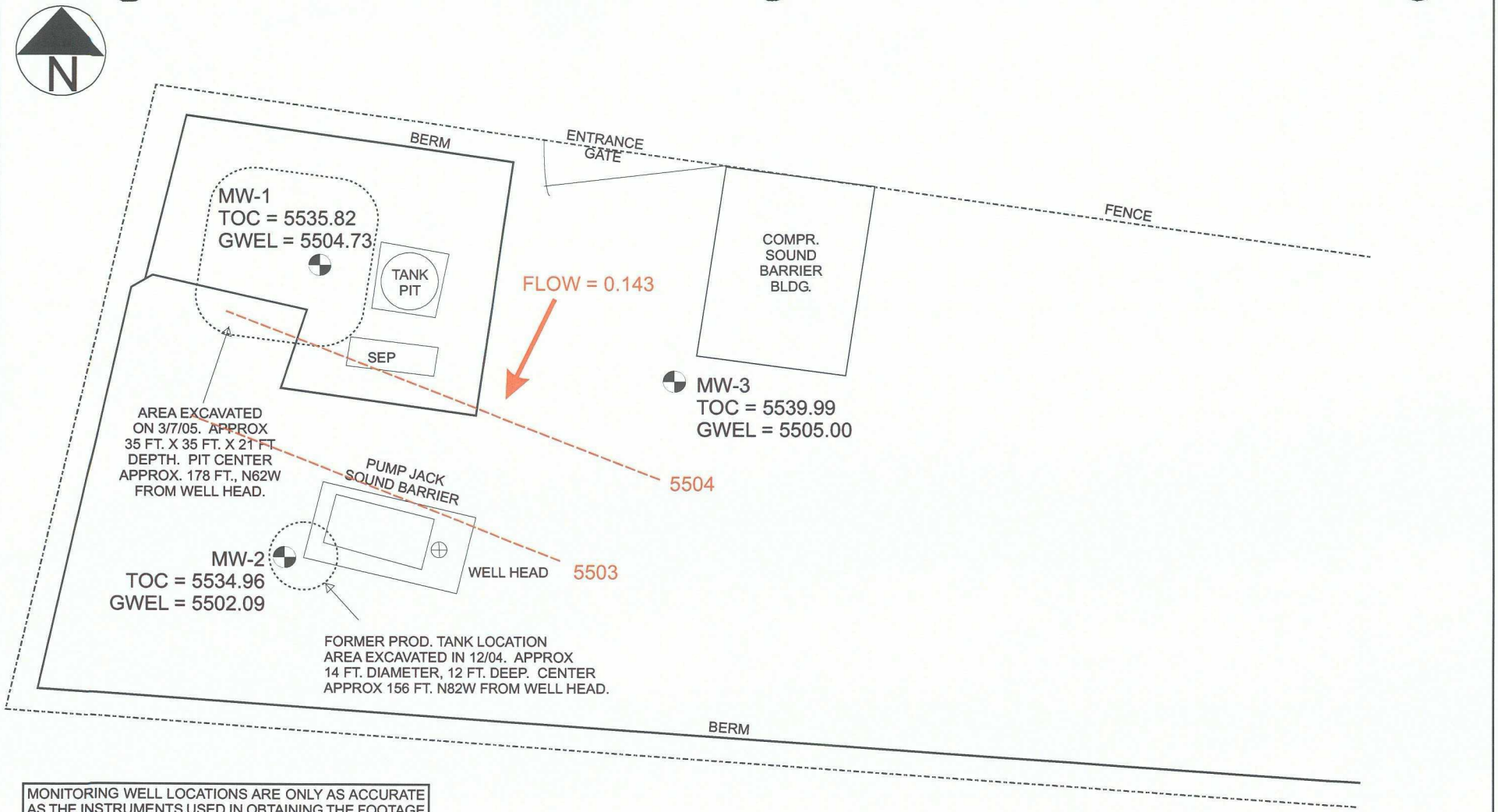
MONITORING WELL LOCATIONS ARE ONLY AS ACCURATE AS THE INSTRUMENTS USED IN OBTAINING THE FOOTAGE AND BEARING FROM THE WELL HEAD (BRUNTON COMPASS AND LASER RANGE FINDER). ALL OTHER STRUCTURES DISPLAYED ON THE SITE MAP ARE SOLELY FOR REFERENCE AND MAY NOT BE TO SCALE.

1 INCH = 30 FEET

0 30 60 FT.

TOC = TOP OF CASING ELEVATION
GWEL = GROUNDWATER ELEVATION
--- = INFERRED GROUNDWATER CONTOUR LINE

Lodestar Services, Inc PO Box 3861 Farmington, NM 87499	FEDERAL GAS COM H #1 NE/4 NW/4 SEC.31, T30N, R12W SAN JUAN COUNTY, NEW MEXICO	PROJECT: XTO GROUND WATER DRAWN BY: ALA REVISED: 07/25/07	GROUNDWATER GRADIENT MAP 07/23/2007 FIGURE 3



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

1 INCH = 30 FEET

0 30 60 FT.

TOC = TOP OF CASING ELEVATION
GWEL = GROUNDWATER ELEVATION
- - - = INFERRED GROUNDWATER CONTOUR LINE

Lodestar Services, Inc PO Box 3861 Farmington, NM 87499	FEDERAL GAS COM H #1 NE/4 NW/4 SEC.31, T30N, R12W SAN JUAN COUNTY, NEW MEXICO	PROJECT: XTO GROUND WATER DRAWN BY: ALA REVISED: 10/12/07	GROUNDWATER GRADIENT MAP 10/11/2007 FIGURE 4

FIGURE 5

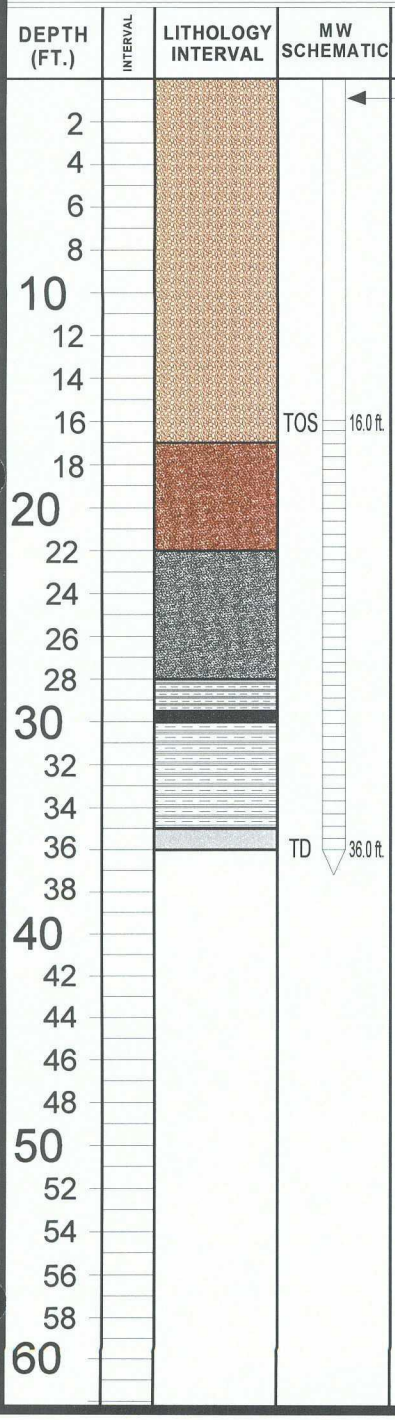
BLAGG ENGINEERING, Inc.

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

BORE / TEST HOLE REPORT

CLIENT:	XTO ENERGY INC.
LOCATION NAME:	FEDERAL GC H # 1 UNIT C, SEC. 31, T30N, R12W
CONTRACTOR:	BLAGG ENGINEERING, INC./ENVIROTECH
EQUIPMENT USED:	MOBILE DRILL RIG SIMILAR TO CME 75
BORING LOCATION:	171 FEET, N61.5W FROM WELL HEAD.

BORING #.....	BH - 1
MW #.....	1
PAGE #.....	1
DATE STARTED	03/14/05
DATE FINISHED	03/14/05
OPERATOR.....	KP
PREPARED BY	NJV



FIELD CLASSIFICATION AND REMARKS

GROUND SURFACE

TOP OF CASING APPROX. 4.00 FEET ABOVE GRADE.

MODERATE TO DARK YELLOWISH BROWN SAND & ROCK AGGREGATE, NON COHESIVE, SLIGHTLY MOIST, LOOSE TO FIRM, NO APPARENT HC ODOR DETECTED PHYSICALLY WITHIN AUGER CUTTINGS (0.0 - 17.0 FT. BELOW GRADE).

DARK YELLOWISH BROWN SAND, NON COHESIVE, LOOSE TO FIRM, MOIST, NO APPARENT HC ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (17.0 - 22.0 FT. BELOW GRADE).

SAME AS ABOVE EXCEPT MEDIUM GRAY TO BLACK, WET (22.0 - 28.0 FT. BELOW GRADE).

LIGHT MEDIUM GRAY SILTY CLAY TO CLAY, MEDIUM PLASTIC, STIFF, MOIST TO WET, APPARENT HC ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (30.5 - 35.0 FT. BELOW GRADE).

SAMPLE COLLECTED FROM SPLIT SPOON SAMPLER BH-2 @ 30.5 FT. OVM READING - 18.1 ppm, COLLECTED - 3/14/05, TIME - 9:30 am, blow count = 11/2 ft.

LIGHT MEDIUM GRAY SILTY CLAY TO CLAY, MEDIUM PLASTIC, STIFF, MOIST TO WET, APPARENT HC ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (30.5 - 35.0 FT. BELOW GRADE).

LIGHT GRAY BEDROCK (SANDSTONE), DRY, FINE GRAIN, WELL CONSOLIDATED, WELL CEMENTED, COMPETENT, HC ODOR DETECTED PHYSICALLY WITHIN AUGER CUTTINGS (35.0 - 36.0 FT. BELOW GRADE).

NOTES:

- IMPORTED SAND & ROCK AGGREGATE.
- SAND (IMPACTED).
- SILTY CLAY TO CLAY (IMPACTED).

TOS	Top of screen of monitor well.
TD	Total depth/bottom extent of monitor well.
OVM	Organic Vapor Meter or Photoionization Detector (PID).
TPH	Total Petroleum Hydrocarbon US EPA method modified 8015B.
ppm	Parts per million or milligrams per liter (mg/L).

Monitor well consist of 2 inch PVC piping - casing from 4.0 ft. above grade to 16.0 ft. below grade, 0.010 slotted screen between 16.0 to 36.0 feet below grade, sand packed annular to 13 ft. below grade, bentonite plugged to 5 ft. below grade, then finished to surface with clean soil.

DRAWING: FED-GC-H1-MW1. SKF | DATE: 03/14/05 | DWN BY: NJV

FIGURE 6

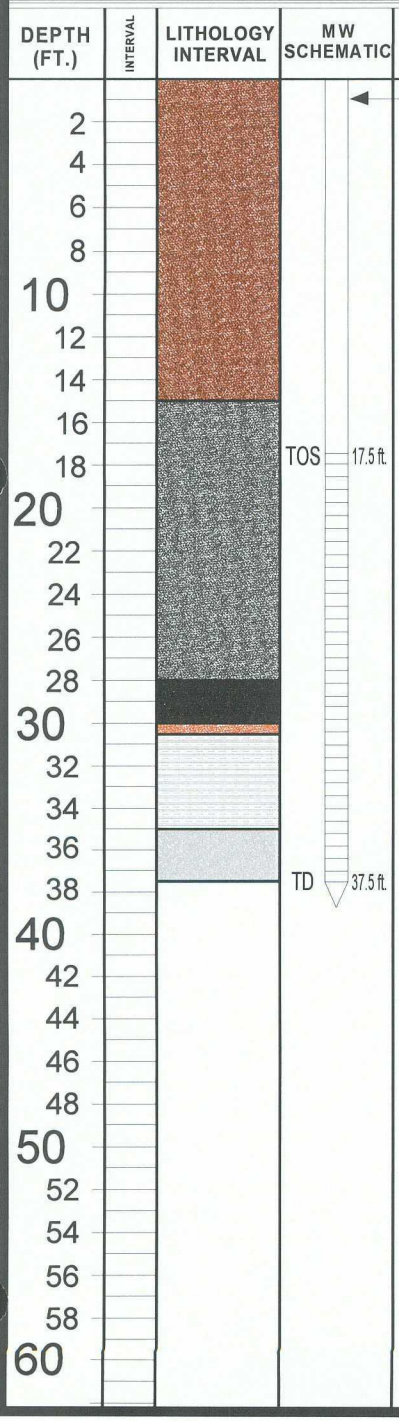
BLAGG ENGINEERING, Inc.

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

BORE / TEST HOLE REPORT

CLIENT:	XTO ENERGY INC.
LOCATION NAME:	FEDERAL GC H # 1 UNIT C, SEC. 31, T30N, R12W
CONTRACTOR:	BLAGG ENGINEERING, INC./ENVIROTECH
EQUIPMENT USED:	MOBILE DRILL RIG SIMILAR TO CME 75
BORING LOCATION:	156 FEET, N82W FROM WELL HEAD.

BORING #.....	BH - 2
MW #.....	2
PAGE #.....	2
DATE STARTED	03/14/05
DATE FINISHED	03/14/05
OPERATOR.....	KP
PREPARED BY	NJV



FIELD CLASSIFICATION AND REMARKS

GROUND SURFACE

TOP OF CASING APPROX. 2.50 FEET ABOVE GRADE.

MODERATE TO DARK YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, LOOSE TO FIRM, APPARENT HC ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (0.0 - 15.0 FT. BELOW GRADE).

DARK YELLOWISH BROWN TO MEDIUM GRAY SAND, NON COHESIVE, MOIST, STRONG HC ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (15.0 - 28.0 FT. BELOW GRADE).

SAME AS ABOVE EXCEPT BLACK AND SATURATED (28.0 - 30.0 FT. BELOW GRADE).

SAME AS ABOVE EXCEPT DARK YELLOWISH ORANGE (30.0 - 30.5 FT. BELOW GRADE).

LIGHT MEDIUM GRAY SILTY CLAY TO CLAY, MEDIUM PLASTIC, STIFF, MOIST, APPARENT HC ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (30.5 - 35.0 FT. BELOW GRADE).

LIGHT GRAY BEDROCK (SANDSTONE), DRY, FINE GRAIN, WELL CONSOLIDATED, WELL CEMENTED, COMPETENT, HC ODOR DETECTED PHYSICALLY WITHIN SPLIT SPOON SAMPLER (35.0 - 37.5 FT. BELOW GRADE).

NOTES:

- SAND.
- SAND (IMPACTED).
- SILTY CLAY TO CLAY (IMPACTED).

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 2.5 ft. above grade to 17.5 ft. below grade, 0.010 slotted screen between 17.5 to 37.5 feet below grade, sand packed annular to 13 ft. below grade, bentonite plugged to 5 ft. below grade, then finished to surface with clean soil.

DRAWING: FED-GC-H1-MW2. SKF | DATE: 03/14/05 | DWN BY: NJV

FIGURE 7

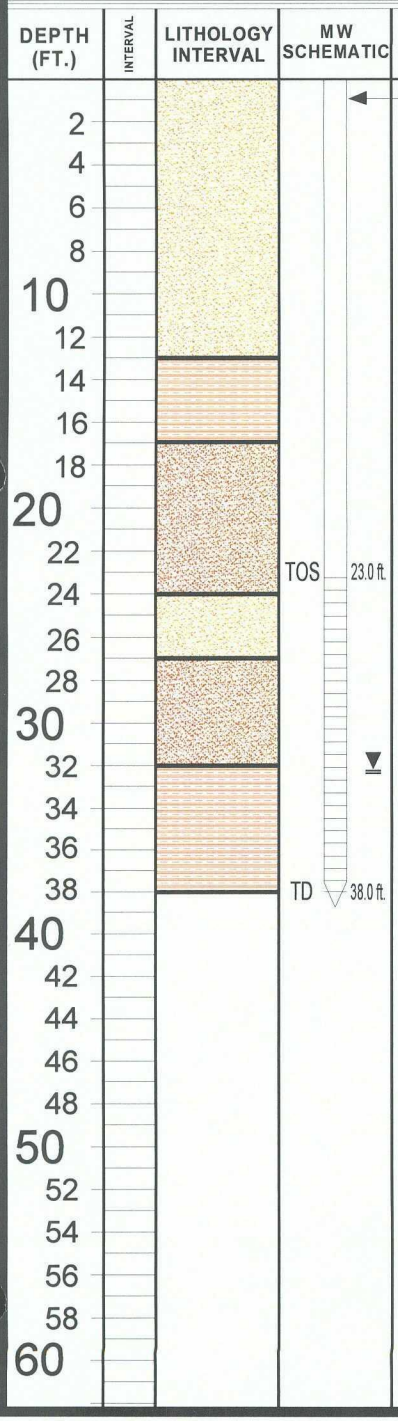
BLAGG ENGINEERING, Inc.

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

BORE / TEST HOLE REPORT

CLIENT:	XTO ENERGY INC.
LOCATION NAME:	FEDERAL GC H # 1 UNIT C, SEC. 31, T30N, R12W
CONTRACTOR:	BLAGG ENGINEERING, INC./ENVIROTECH
EQUIPMENT USED:	MOBILE DRILL RIG SIMILAR TO CME 75
BORING LOCATION:	96.5FEET, N53W FROM WELL HEAD.

BORING #.....	BH - 3
MW #.....	3
PAGE #.....	3
DATE STARTED	04/26/06
DATE FINISHED	04/26/06
OPERATOR.....	DP
PREPARED BY	NJV



FIELD CLASSIFICATION AND REMARKS

GROUND SURFACE

TOP OF CASING APPROX. 2.50 FEET ABOVE GRADE.

MODERATE TO DARK YELLOWISH ORANGE SAND, NON COHESIVE, SLIGHTLY MOIST, LOOSE TO FIRM, NO APPARENT HC ODOR DETECTED PHYSICALLY WITHIN CUTTINGS, (0.0 - 13.0 FT. BELOW GRADE).

DARK YELLOWISH BROWN SILTY CLAY, MEDIUM PLASTIC, FIRM TO STIFF, SLIGHTLY MOIST, NO APPARENT HC ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (13.0 - 17.0 FT. BELOW GRADE).

DARK YELLOWISH BROWN SAND, NON COHESIVE, FIRM, SLIGHTLY MOIST TO MOIST, NO APPARENT HC ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (17.0 - 24.0 FT. BELOW GRADE).

SAME AS ABOVE EXCEPT DARK YELLOWISH ORANGE (24.0 - 27.0 FT. BELOW GRADE).

SAME AS ABOVE EXCEPT DARK YELLOWISH BROWN, MOIST TO WET (27.0 - 32.0 FT. BELOW GRADE).

DEPTH TO WATER APPROX. 32.18 FT. BELOW GRADE, MEASURED 4/28/06.

DARK YELLOWISH BROWN SAND PHASING INTO SILTY CLAY, WET TO SATURATED, NON COHESIVE TO MEDIUM PLASTIC, FIRM TO STIFF, SATURATED, NO APPARENT HC ODOR DETECTED PHYSICALLY WITHIN CUTTINGS (32.0 - 38.0 FT. BELOW GRADE).

NOTES:

- SAND.
- SILTY CLAY TO CLAY (IMPACTED).

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 2.50 ft. above grade to 23.0 ft. below grade, 0.010 slotted screen between 23.0 to 38.0 feet below grade, sand packed annular to 21 ft. below grade, bentonite plugged between 18 to 21 ft. below grade, then finished to surface with clean soil.

DRAWING: FED-GC-H1-BH3-MW3. SKF | DATE: 04/26/06 | DWN BY: NJV

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Apr-07*

CLIENT: XTO Energy
Project: Ground Water

Lab Order: 0703474

Lab ID: 0703474-16 **Collection Date:** 3/29/2007 10:24:00 AM
Client Sample ID: ~~Hare GCBI 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	4/2/2007 9:10:19 PM
Toluene	ND	1.0		µg/L	1	4/2/2007 9:10:19 PM
Ethylbenzene	ND	1.0		µg/L	1	4/2/2007 9:10:19 PM
Xylenes, Total	ND	2.0		µg/L	1	4/2/2007 9:10:19 PM
Surr: 4-Bromofluorobenzene	91.6	70.2-105		%REC	1	4/2/2007 9:10:19 PM

Lab ID: 0703474-17 **Collection Date:** 3/29/2007 11:22:00 AM
Client Sample ID: Federal GCHI MW-1 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	39	20		µg/L	20	4/2/2007 9:43:01 PM
Toluene	ND	20		µg/L	20	4/2/2007 9:43:01 PM
Ethylbenzene	560	20		µg/L	20	4/2/2007 9:43:01 PM
Xylenes, Total	2300	40		µg/L	20	4/2/2007 9:43:01 PM
Surr: 4-Bromofluorobenzene	94.2	70.2-105		%REC	20	4/2/2007 9:43:01 PM

Lab ID: 0703474-18 **Collection Date:** 3/29/2007 11:40:00 AM
Client Sample ID: Federal GCHI MW-2 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	55	1.0		µg/L	1	4/2/2007 10:43:00 PM
Toluene	ND	1.0		µg/L	1	4/2/2007 10:43:00 PM
Ethylbenzene	39	1.0		µg/L	1	4/2/2007 10:43:00 PM
Xylenes, Total	60	2.0		µg/L	1	4/2/2007 10:43:00 PM
Surr: 4-Bromofluorobenzene	95.0	70.2-105		%REC	1	4/2/2007 10:43:00 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

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Hall Environmental Analysis Laboratory, Inc.

Date: *05-Apr-07*

CLIENT: XTO Energy
Project: Ground Water

Lab Order: 0703474

Lab ID: 0703474-19
Collection Date: 3/29/2007 12:03:00 PM
Client Sample ID: Federal GCHI 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	4/2/2007 11:13:12 PM
Toluene	ND	1.0		µg/L	1	4/2/2007 11:13:12 PM
Ethylbenzene	ND	1.0		µg/L	1	4/2/2007 11:13:12 PM
Xylenes, Total	ND	2.0		µg/L	1	4/2/2007 11:13:12 PM
Surr: 4-Bromofluorobenzene	91.2	70.2-105		%REC	1	4/2/2007 11:13:12 PM

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		

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QA/QC SUMMARY REPORT

Client: XTO Energy
Project: Ground Water
Work Order: 0703474

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8021									
Sample ID: 0703474-01A MSD		*MSD*			Batch ID:	**R23096**	Analysis Date:		4/3/2007 10:37:09 AM
Benzene	19.32	µg/L	1.0	96.6	85.9	113	2.09	27	
Toluene	19.77	µg/L	1.0	98.8	86.4	113	1.70	19	
Ethylbenzene	19.98	µg/L	1.0	99.9	83.5	118	2.36	10	
Xylenes, Total	59.32	µg/L	2.0	98.9	83.4	122	2.06	13	
Sample ID: 5ML REAGENT BLA		*MBLK*			Batch ID:	**R23076**	Analysis Date:		4/2/2007 8:45:02 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: 5ML RB-II		*MBLK*			Batch ID:	**R23076**	Analysis Date:		4/3/2007 12:13:23 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: 5ML REAGENT BLA		*MBLK*			Batch ID:	**R23096**	Analysis Date:		4/3/2007 8:06:11 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: 5ML REAGENT BLA		*MBLK*			Batch ID:	**R23114**	Analysis Date:		4/4/2007 8:09:19 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:	**R23076**	Analysis Date:		4/2/2007 5:37:16 PM
Benzene	23.32	µg/L	1.0	117	85.9	113			S
Toluene	22.53	µg/L	1.0	111	86.4	113			
Ethylbenzene	20.71	µg/L	1.0	104	83.5	118			
Xylenes, Total	62.13	µg/L	2.0	103	83.4	122			
Sample ID: 100NG BTEX LCS-II		*LCS*			Batch ID:	**R23076**	Analysis Date:		4/3/2007 12:43:23 AM
Benzene	19.86	µg/L	1.0	97.6	85.9	113			
Toluene	20.09	µg/L	1.0	99.8	86.4	113			
Ethylbenzene	20.01	µg/L	1.0	100	83.5	118			
Xylenes, Total	59.59	µg/L	2.0	99.0	83.4	122			
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID:	**R23096**	Analysis Date:		4/3/2007 4:13:33 PM
Benzene	20.24	µg/L	1.0	99.1	85.9	113			
Toluene	20.61	µg/L	1.0	102	86.4	113			
Ethylbenzene	20.85	µg/L	1.0	104	83.5	118			
Xylenes, Total	62.10	µg/L	2.0	103	83.4	122			
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID:	**R23114**	Analysis Date:		4/4/2007 12:30:51 PM
Benzene	19.85	µg/L	1.0	99.2	85.9	113			
Toluene	20.02	µg/L	1.0	100	86.4	113			

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

QA/QC SUMMARY REPORT

Client: XTO Energy
Project: Ground Water **Work Order:** 0703474

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8021									
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID:	**R23114**	Analysis Date:		4/4/2007 12:30:51 PM
Ethylbenzene	20.43	µg/L	1.0	102	83.5	118			
Xylenes, Total	60.81	µg/L	2.0	101	83.4	122			
Sample ID: 100NG BTEX LCSD-I		*LCSD*			Batch ID:	**R23076**	Analysis Date:		4/3/2007 1:13:30 AM
Benzene	19.77	µg/L	1.0	97.2	85.9	113	0.474	27	
Toluene	19.93	µg/L	1.0	99.0	86.4	113	0.809	19	
Ethylbenzene	19.91	µg/L	1.0	99.6	83.5	118	0.511	10	
Xylenes, Total	59.20	µg/L	2.0	98.3	83.4	122	0.657	13	
Sample ID: 100NG BTEX LCSD		*LCSD*			Batch ID:	**R23114**	Analysis Date:		4/4/2007 1:01:01 PM
Benzene	19.57	µg/L	1.0	97.8	85.9	113	1.42	27	
Toluene	19.76	µg/L	1.0	98.8	86.4	113	1.32	19	
Ethylbenzene	20.00	µg/L	1.0	100	83.5	118	2.11	10	
Xylenes, Total	59.61	µg/L	2.0	99.3	83.4	122	1.99	13	
Sample ID: 0703474-01A MS		*MS*			Batch ID:	**R23096**	Analysis Date:		4/3/2007 10:06:58 AM
Benzene	18.92	µg/L	1.0	94.6	85.9	113			
Toluene	19.43	µg/L	1.0	97.2	86.4	113			
Ethylbenzene	19.52	µg/L	1.0	97.6	83.5	118			
Xylenes, Total	58.11	µg/L	2.0	96.8	83.4	122			

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.

Date: *31-Jul-07*

CLIENT: XTO Energy
Project: Ground Water

Lab Order: 0707288

Lab ID: 0707288-01 **Collection Date:** 7/23/2007 11:35:00 AM
Client Sample ID: Federal GCH #1 MW-1 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	32	20		µg/L	20	7/27/2007 5:09:40 PM
Toluene	ND	20		µg/L	20	7/27/2007 5:09:40 PM
Ethylbenzene	610	20		µg/L	20	7/27/2007 5:09:40 PM
Xylenes, Total	2300	40		µg/L	20	7/27/2007 5:09:40 PM
Surr: 4-Bromofluorobenzene	119	70.2-105	S	%REC	20	7/27/2007 5:09:40 PM

Lab ID: 0707288-02 **Collection Date:** 7/23/2007 11:55:00 AM
Client Sample ID: Federal GCH #1 MW-2 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	39	1.0		µg/L	1	7/27/2007 5:39:40 PM
Toluene	ND	1.0		µg/L	1	7/27/2007 5:39:40 PM
Ethylbenzene	25	1.0		µg/L	1	7/27/2007 5:39:40 PM
Xylenes, Total	9.2	2.0		µg/L	1	7/27/2007 5:39:40 PM
Surr: 4-Bromofluorobenzene	112	70.2-105	S	%REC	1	7/27/2007 5:39:40 PM

Lab ID: 0707288-03 **Collection Date:** 7/23/2007 12:26:00 PM
Client Sample ID: Federal GCH #1 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	7/27/2007 6:09:40 PM
Toluene	ND	1.0		µg/L	1	7/27/2007 6:09:40 PM
Ethylbenzene	ND	1.0		µg/L	1	7/27/2007 6:09:40 PM
Xylenes, Total	ND	2.0		µg/L	1	7/27/2007 6:09:40 PM
Surr: 4-Bromofluorobenzene	102	70.2-105		%REC	1	7/27/2007 6:09:40 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

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Jul-07*

CLIENT: XTO Energy
Project: Ground Water

Lab Order: 0707288

Lab ID: 0707288-04 **Collection Date:**
Client Sample ID: Trip Blank **Matrix:** TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	7/27/2007 7:39:52 PM
Toluene	ND	1.0		µg/L	1	7/27/2007 7:39:52 PM
Ethylbenzene	ND	1.0		µg/L	1	7/27/2007 7:39:52 PM
Xylenes, Total	ND	2.0		µg/L	1	7/27/2007 7:39:52 PM
Surr: 4-Bromofluorobenzene	103	70.2-105		%REC	1	7/27/2007 7:39:52 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

QA/QC SUMMARY REPORT

Client: XTO Energy
Project: Ground Water **Work Order:** 0707288

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8021									
Sample ID: 0707288-03A MSD		*MSD*			Batch ID: R24556		Analysis Date:	7/27/2007 7:09:52 PM	
Benzene	19.66	µg/L	1.0	96.6	85.9	113	105	27	R
Toluene	19.49	µg/L	1.0	97.4	86.4	113	108	19	R
Ethylbenzene	19.76	µg/L	1.0	98.8	83.5	118	107	10	R
Xylenes, Total	59.21	µg/L	2.0	97.3	83.4	122	108	13	R
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 %Rec recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Oct-07*

CLIENT: XTO Energy
Project: Ground Water
Lab Order: 0710268

Lab ID: 0710268-01 **Collection Date:** 10/11/2007 11:08:00 AM
Client Sample ID: ~~PO Pipken 3E MW-2~~ **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	1.9	1.0		µg/L	1	10/13/2007 9:57:18 AM
Toluene	ND	1.0		µg/L	1	10/13/2007 9:57:18 AM
Ethylbenzene	ND	1.0		µg/L	1	10/13/2007 9:57:18 AM
Xylenes, Total	ND	2.0		µg/L	1	10/13/2007 9:57:18 AM
Surr: 4-Bromofluorobenzene	85.7	70.2-105		%REC	1	10/13/2007 9:57:18 AM

Lab ID: 0710268-02 **Collection Date:** 10/11/2007 12:52:00 PM
Client Sample ID: Federal GC HI MW-1 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	50	5.0		µg/L	5	10/15/2007 5:07:33 PM
Toluene	18	5.0		µg/L	5	10/15/2007 5:07:33 PM
Ethylbenzene	440	20		µg/L	20	10/16/2007 5:07:47 PM
Xylenes, Total	1500	40		µg/L	20	10/16/2007 5:07:47 PM
Surr: 4-Bromofluorobenzene	102	70.2-105		%REC	20	10/16/2007 5:07:47 PM

Lab ID: 0710268-03 **Collection Date:** 10/11/2007 1:15:00 PM
Client Sample ID: Federal GC Hi MW-2 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	86	1.0		µg/L	1	10/13/2007 10:59:44 AM
Toluene	ND	1.0		µg/L	1	10/13/2007 10:59:44 AM
Ethylbenzene	97	1.0		µg/L	1	10/13/2007 10:59:44 AM
Xylenes, Total	140	2.0		µg/L	1	10/13/2007 10:59:44 AM
Surr: 4-Bromofluorobenzene	105	70.2-105		%REC	1	10/13/2007 10:59:44 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

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Oct-07*

CLIENT: XTO Energy
Project: Ground Water
Lab Order: 0710268

Lab ID: 0710268-04 **Collection Date:** 10/11/2007 1:40:00 PM
Client Sample ID: Federal GC HI 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 1:42:32 PM
Toluene	ND	1.0		µg/L	1	10/13/2007 1:42:32 PM
Ethylbenzene	ND	1.0		µg/L	1	10/13/2007 1:42:32 PM
Xylenes, Total	ND	2.0		µg/L	1	10/13/2007 1:42:32 PM
Surr: 4-Bromofluorobenzene	87.7	70.2-105		%REC	1	10/13/2007 1:42:32 PM

Lab ID: 0710268-05 **Collection Date:**
Client Sample ID: Trip Blank **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 2:12:34 PM
Toluene	ND	1.0		µg/L	1	10/13/2007 2:12:34 PM
Ethylbenzene	ND	1.0		µg/L	1	10/13/2007 2:12:34 PM
Xylenes, Total	ND	2.0		µg/L	1	10/13/2007 2:12:34 PM
Surr: 4-Bromofluorobenzene	83.7	70.2-105		%REC	1	10/13/2007 2:12:34 PM

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		

QA/QC SUMMARY REPOR

Client: XTO Energy
Project: Ground Water **Work Order:** 0710268

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: 5ML RB		*MBLK*			Batch ID: **R25568**		Analysis Date: 10/15/2007 9:04:35 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: 5ML RB		*MBLK*			Batch ID: **R25596**		Analysis Date: 10/16/2007 8:55:55 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 LCS		*LCS*			Batch ID: **R25596**		Analysis Date: 10/16/2007 6:40:33 PM		
Benzene	20.00	µg/L	1.0	100	85.9	113			
Toluene	19.14	µg/L	1.0	95.7	86.4	113			
Ethylbenzene	19.32	µg/L	1.0	96.6	83.5	118			
Xylenes, Total	57.49	µg/L	2.0	95.8	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