3R - 72

GENERAL CORRESPONDENCE

YEAR(S):

1999 - 1998

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☑ Telephone ☐ Personal	Time 1500	Date 6/7/99
Originating Party		**Other Parties**
Bill Olson - Envir. Bureau		Ed Hasely - Burlington

Subject

Johnston Federal #6A

Discussion

OCD received Burlington 6/4/99 request to plug monitor well

Monitor well in way of workover rig

Conclusions or Agreements

Gave verbal approval to plug monitor well with cement grout with 3-5% bentonite.

Distribution

File

Denny Foust - OCD Aztec

Signed Bill Olson

BURLINGTON RESOURCES

SAN JUAN DIVISION

June 4, 1999

Federal Express

Bill Olson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

JUN - 7

RE: Johnson Federal #6A
Unit Letter F, Section 35, Township 31N, Range 9W
Request for Removal of Temporary Monitoring Well

Dear Mr. Olson:

As we recently discussed, this letter is Burlington Resources' (BR) request to remove/abandon the recently installed temporary groundwater monitoring well at the subject location. BR excavated a tank drain earthen pit on the location to 38 feet below ground surface. At that point, soil samples from the walls and bottom of the excavation were collected and tested clean. The excavation was backfilled with clean fill. Due to El Paso having groundwater impacts at the location, BR installed a temporary groundwater monitoring well in the center of BR's former earthen pit. After developing the well and allowing it to stabilize for one week, the well was purged and sampled on May 25, 1999. The sample tested below the groundwater standards with the BTEX constituents being below detection limits except for Total Xylenes, which was 0.5 UG/L.

Included with this letter is the original Pit Remediation and Closure Report for the BR earthen pit along with the analytical results of the soil testing. Also attached are the groundwater lab analysis, the drilling log, the monitoring well installation record, and a location diagram from El Paso's 1997 Annual Groundwater Report.

The temporary well is located in a busy area of the location and BR has a workover planned for the Johnson Federal #6A as early as Tuesday, June 8, 1999. If possible, please contact me verbally with your approval for the removal of BR's temporary monitoring well and then provide written correspondence. The 2-inch PVC casing will be removed to the extent practical and the wellbore will be filled to surface with a bentonite/cement grout. If you have questions or additional information is needed, please contact me at (505) 326-9841.

Sincerely,

Ed Hasely
Sr. Staff Environmental Representative

Attachments: Pit Remediation and Closure Report
Drilling Log/Wellbore Diagram
Analytical Results

3535 East 30th St., 87402-8801, P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833

cc: Denny Foust - NMOCD Aztec
Sandra Miller - El Paso
Rob Stanfield
Gary Osborne
Bruce Gantner
Facility File
Correspondence

S: / grndwatr/facility/hampton/985ocd.doc

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: Burlington Resources **Telephone:** (505) 326-9700

Address: 3535 E. 30th Farmington NM 87402

Facility Or: Well Name Johnston Federal #6A

Location: Unit or Qtr/Qtr Sec F Sec 35 T 31N R 9W County San Juan

Pit Type: Separator ___ Dehydrator ___ Other Tank Drain

Land Type: BLM X, State ___, Fee ___, Other ___

Pit Location: (Attach diagram)
Pit dimensions: length 34, width 25, depth 4
Reference: wellhead X, other ___
Footage from reference: 32 ft
Direction from reference: 54 Degrees ___ East North ___ of X West South X

Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points)	20
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	Yes (20 points) No (0 points)	0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)	0
	RANKING SCORE (TOTAL POINTS):	20

Date Remediation Started: 12/29/98 Date Completed: _____

Remediation Method: (Check all appropriate sections) Excavation X Approx. cubic yards 1406

Landfarmed X Insitu Bioremediation ___

Other _____

Remediation Location: (ie. landfarmed onsite, name and location of offsite facility) Onsite ___ Offsite Johnston Fed #6R · L Sec 35 · 31N · 9W

General Description Of Remedial Action: Soils were removed until bottom and walls tested clean. Excavation was backfilled with clean sand from nearby wash. Due to El Paso's groundwater impact on location, a temporary monitoring well was installed in former pit. Water samples tested below standards.

Ground Water Encountered: No X Yes ___ Depth _____
During Excavation

Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location Bottom of excavation

Sample depth 38 ft

Sample date 1/4/99 Sample time 1:30 pm

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) ND

Field headspace(ppm) 6.5

TPH ND

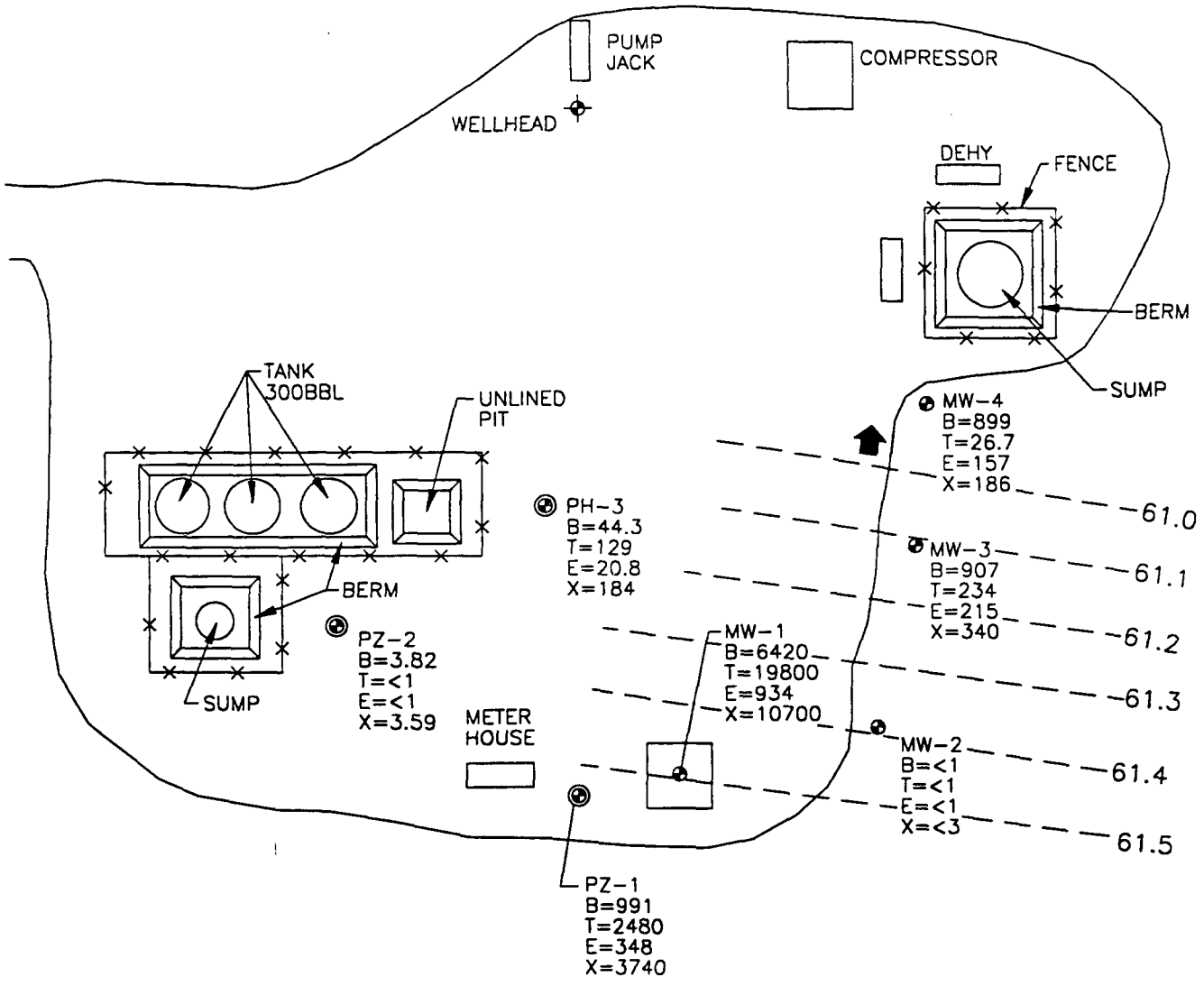
Ground Water Sample: Yes ___ No X (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 6/4/99

SIGNATURE Ed Hasely

PRINTED NAME AND TITLE Ed Hasely Sr. Staff Environmental Rep.



LEGEND

MW-1	APPROXIMATE MONITORING WELL LOCATION AND NUMBER
B	BENZENE (ug\L)
T	TOLUENE (ug\L)
E	ETHYL BENZENE (ug\L)
X	XYLENE (ug\L)
ug\L	MICROGRAMS PER LITER
61.1	GROUNDWATER POTENTIOMETRIC SURFACE
	APPROXIMATE GROUNDWATER GRADIENT

NOT TO SCALE

N

PHILIP SERVICES CORP

TITLE: JOHNSTON FEDERAL #6A
89232 1/22/97

DWN:	DES.:	PROJECT NO.: 17520
TMM	CC	EPFS GW PITS
CHKD:	APPD:	
CC		
DATE:	REV.:	FIGURE 1
1/20/98	0	

COL 17520AV-001

PHILIP SERVICES CORP

PRODUCTION PIT REMEDIATION FORM

WELL NAME: Johnston FED #6A WELL NO.: _____ DP NO.: _____

OPERATOR NAME: Burlington Resources P/L DISTRICT: _____

COORDINATES: LETTER: F SECTION: 35 TOWNSHIP: 31N RANGE: 9W

PIT TYPE: DEHYDRATOR: _____ LOCATION DRIP: _____ LINE DRIP: _____ OTHER: X

FOREMAN NO.: Gary Osborn AREA: _____

INITIAL REMEDIATION ACTIVITIES

DATE: 12-29-98 TIME: 7:00 am

GROUND WATER ENCOUNTERED? ☐Y / ☒N

INSIDE NMOCD ZONE

FINAL EXCAVATION DIMENSIONS: LENGTH: 70' WIDTH: 56' DEPTH: 38'

APPROX. CUBIC YARDS: 2,817 FINAL PID READING: 605 ppm

REMEDIATION METHOD: ONSITE LANDFARM ___

OFFSITE LANDFARM X LOCATION: Johnston FD #6R

OTHER _____

LANDFARM DIMENSIONS: LENGTH: _____ WIDTH: _____

OUTSIDE NMOCD ZONE

FINAL SAMPLE DEPTH: _____ FINAL PID READING: _____

EXCAVATION SAMPLING INFORMATION

IF PID READINGS ARE LESS THAN 100 PPM, SAMPLE TAKEN DURING EXCAVATION)

SAMPLE DATE: _____ SAMPLE NOS _____ _____

SAMPLE ANALYSIS: TPH METHOD 8015 MODIFIED

IF PID READINGS ARE GREATER THAN 100 PPM, NO SAMPLE WILL BE TAKEN DURING EXCAVATION. THE EXCAVATION WILL BE SAMPLED PRIOR TO BACKFILLING (SEE ADDITIONAL SAMPLING SECTION).

REMARKS: look at site sketch for landfarm Dimensions

CONTAMINATED SOIL EXCAVATED - 1,406 CU. YDS.

CLEAN SOIL EXCAVATED - 1,411 CU. YDS.

SIGNATURE: [signature] DATE: 1-6-99

PHILIP ENVIRONMENTAL

SITE SKETCH

Serial No. SS- Title

Project Name BR PITS Project No. 20440

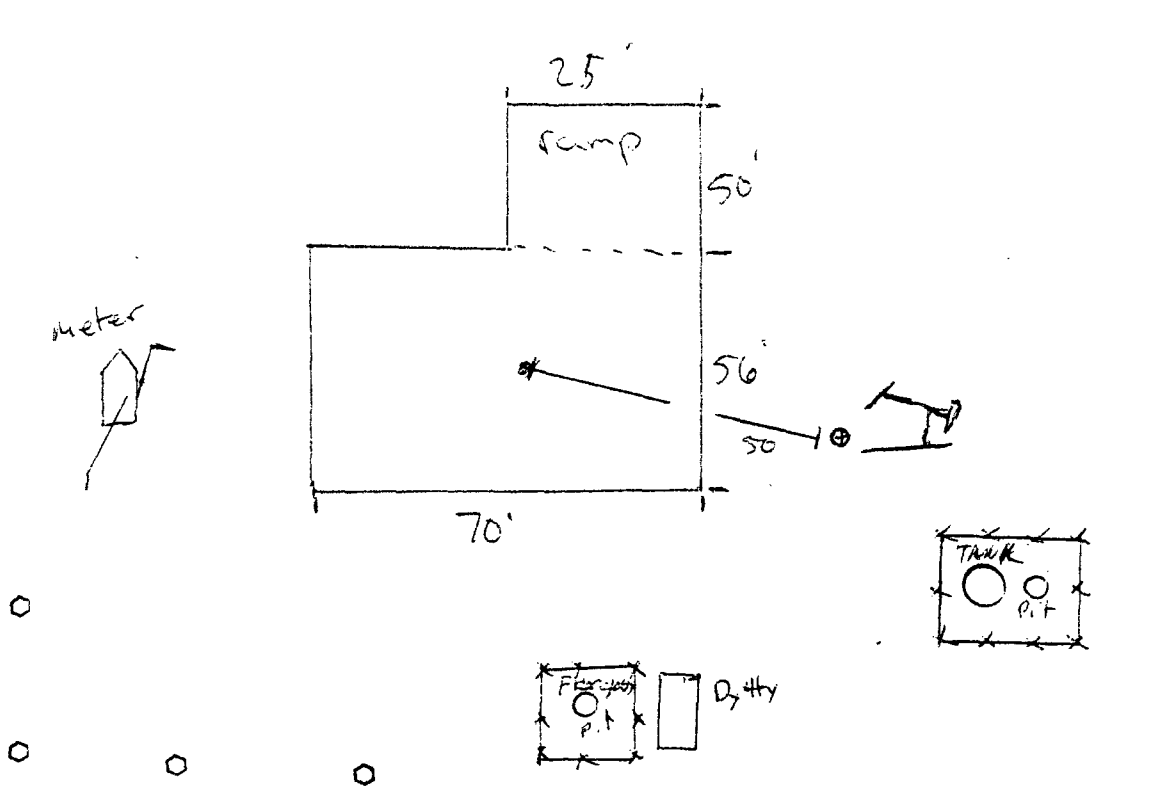
Project Manager Robert Thompson Phase.Task No.

Client Company Burlington Resources

Site Name Johnston FD #6A

Site Address Rumo Canyon

(Include north arrow and scale or dimensions. If available, preprint CAD drawing of site on this form.)



from well head SW 50' to the center of the pit.

Sketched by (signature): PAUL Ashcraft Date 1-6-99

PHILIP ENVIRONMENTAL

SITE SKETCH

Serial No. SS- _____ Title _____

Project Name BR Pits

Project No. ~~3000~~ 20440

Project Manager Robert Thompson

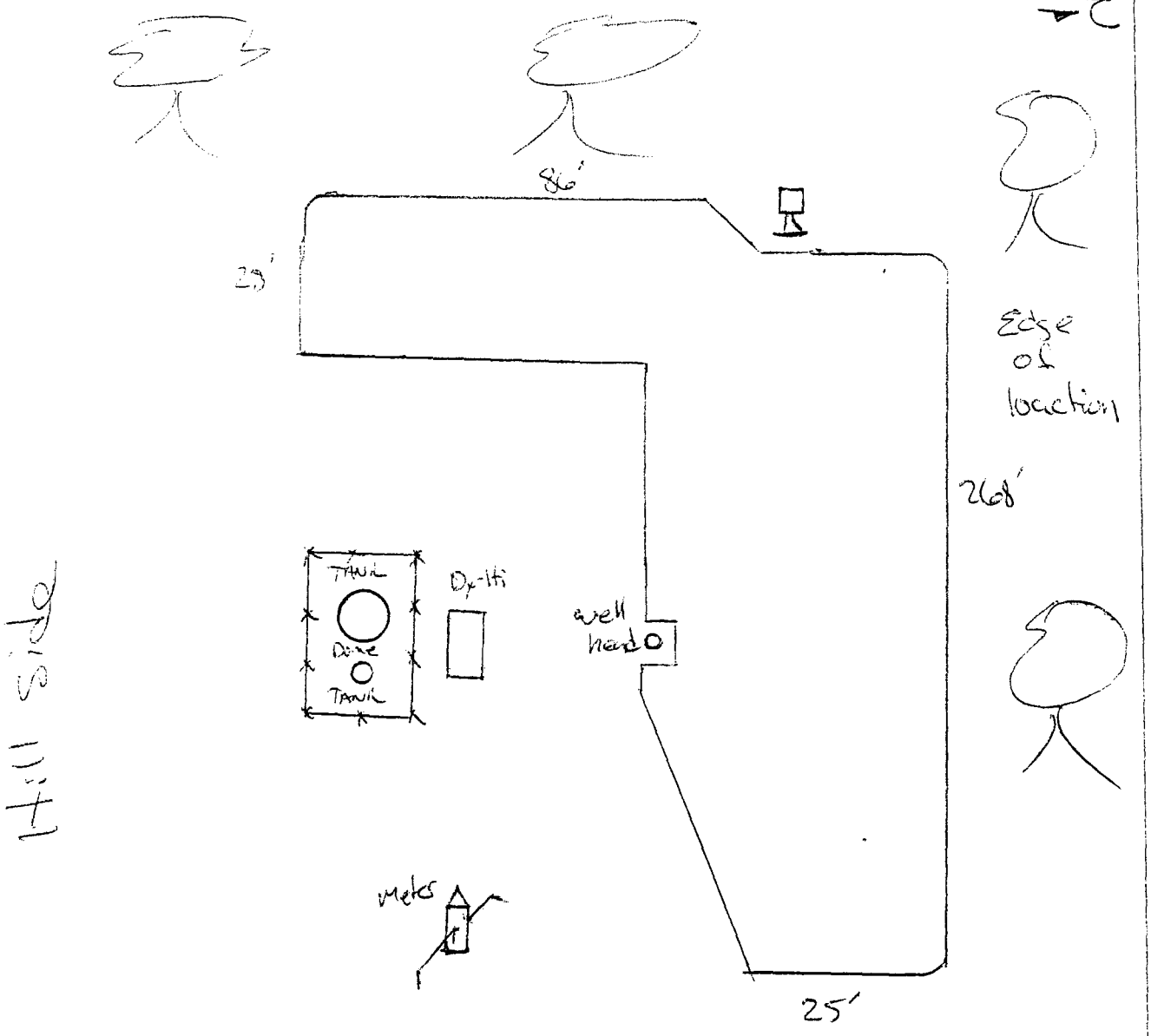
Phase.Task No. 2000-77

Client Company Burlington Resources

Site Name Johnston FD #6 R Landfarm

Site Address _____

(Include north arrow and scale or dimensions. If available, preprint CAD drawing of site on this form.)



1,406 cu.yd.

Sketched by (signature) _____ Date 1-6-99

807 S. CARLTON AVE.
FARMINGTON, NEW MEXICO 87401
PHONE (505) 326-2588
FAX (505) 326-2875

® Certificate of Analysis No. 9901008-01a

Philip Environmental Services
4000 Monroe Road
Farmington, NM 87401
Attn: Robert Thompson

		Date:	01/12/99
Project:	BR Pits	Project No:	20440
Site:	Farmington	Matrix:	Soil
Sampled By:	P. Archuleta	Date Sampled:	01/04/99
Sample ID:	14991335 Bottom - 38'	Date Received:	01/05/99

Analytical Data

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
Benzene	ND	1.0 (P)	µg/Kg
Toluene	ND	1.0 (P)	µg/Kg
Ethylbenzene	ND	1.0 (P)	µg/Kg
Total Xylene	ND	1.0 (P)	µg/Kg
Total Volatile Aromatic Hydrocarbons	ND		µg/Kg

Surrogate	% Recovery
1,4,Difluorobenzene	100
4-Bromofluorobenzene	113

Method 8020A***
Analyzed by: AA
Date: 01/07/99

ND-Not Detected MI-Matrix Interference (P)-Practical Quantitation Limit

Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 18th Ed
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

Billy G. Rich, Lab Director

807 S. CARLTON AVE.
FARMINGTON, NEW MEXICO 87401
PHONE (505) 326-2588
FAX (505) 326-2875

® **Certificate of Analysis No. 9901008-01b**

Philip Environmental Services
4000 Monroe Road
Farmington, NM 87401
Attn: Robert Thompson

		Date:	01/12/99
Project:	BR Pits	Project No:	20440
Site:	Farmington	Matrix:	Soil
Sampled By:	R. Thompson	Date Sampled:	01/04/99
Sample ID:	14991335 Bottom @ 38	Date Received:	01/05/99

Analytical Data

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
Gasoline Range Organics	ND	0.1 (P)	mg/kg
Surrogate	**% Recovery**		
1,4,Difluorobenzene	97		
4-Bromofluorobenzene	107		
Method 8015B*** for Gasoline			
Analyzed by: AA			
Date: 01/07/99			
Total Petroleum Hydrocarbons-Diesel	ND	10 (P)	mg/kg
Surrogate	**% Recovery**		
n-Pentacosane	130		
Method 8015B*** for Diesel			
Analyzed by: RR			
Date: 01/07/99			

MI-Matrix Interference (P)-Practical Quantitation Limit ND-Not Detected

Notes:
*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 18th Ed
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

Billy G. Rich, Lab Director

807 S. CARLTON AVE.
FARMINGTON, NEW MEXICO 87401
PHONE (505) 326-2588
FAX (505) 326-2875

Certificate of Analysis No. 9901008-02a

Philip Environmental Services
4000 Monroe Road
Farmington, NM 87401
Attn: Robert Thompson

Date: 01/12/99

Project:	BR Pits	Project No:	20440
Site:	Farmington	Matrix:	Soil
Sampled By:	P. Archuleta	Date Sampled:	01/04/99
Sample ID:	14991332 Al Wall Composite	Date Received:	01/05/99

Analytical Data

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
Benzene	ND	1.0 (P)	µg/Kg
Toluene	3.0	1.0 (P)	µg/Kg
Ethylbenzene	ND	1.0 (P)	µg/Kg
Total Xylene	6.7	1.0 (P)	µg/Kg
Total Volatile Aromatic Hydrocarbons	9.7		µg/Kg

Surrogate	% Recovery
1,4,Difluorobenzene	100
4-Bromofluorobenzene	110

Method 8020A***
Analyzed by: AA
Date: 01/06/99

ND-Not Detected MI-Matrix Interference (P)-Practical Quantitation Limit

Notes:
*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 18th Ed
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

Billy G. Rich, Lab Director

807 S. CARLTON AVE.
FARMINGTON, NEW MEXICO 87401
PHONE (505) 326-2588
FAX (505) 326-2875

Certificate of Analysis No. 9901008-02b

Philip Environmental Services
4000 Monroe Road
Farmington, NM 87401
Attn: Robert Thompson

Date: 01/12/99

Project:	BR Pits	Project No:	20440
Site:	Farmington	Matrix:	Soil
Sampled By:	R. Thompson	Date Sampled:	01/04/99
Sample ID:	14991332 ~ Wall Composite	Date Received:	01/05/99

Analytical Data

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
Gasoline Range Organics	0.1	0.1 (P)	mg/kg
Surrogate	**% Recovery**		
1,4,Difluorobenzene	97		
4-Bromofluorobenzene	117		
Method 8015B*** for Gasoline			
Analyzed by: AA			
Date: 01/06/99			
Total Petroleum Hydrocarbons-Diesel	18	10 (P)	mg/kg
Surrogate	**% Recovery**		
n-Pentacosane	138		
Method 8015B*** for Diesel			
Analyzed by: RR			
Date: 01/07/99			

MI-Matrix Interference (P)-Practical Quantitation Limit D-Diluted, limits not applicable

Notes:
*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 18th Ed
***Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

Billy G. Rich, Lab Director

PHILIP

Chain of Custody Record — Nonchemical Samples

210 West Sand Bank Road
P.O. Box 230
Columbia, IL 62236-0230

(618) 281-7173 Phone
(618) 281-5120 FAX

COC Serial No. 3329

Project Name		Lab Name	
Project Number	Phase . Task	Lab Location	
Samplers		Analysis Type	

Sample Number	Date	Time	Matrix					Comments

Relinquished by:

Signature	Date	Time

Received By:

Signature	Date	Time

Carrier: Airbill No.

Shipping and Lab Notes:

PE-211 (4/95)

LAB COPY

RECORD OF SUBSURFACE EXPLORATION

Borehole # B1
Well # MW-B1
Page 1 of 2

Philip Environmental Services Corp.
4000 Monroe Road
Farmington, New Mexico 87401
(505) 326-2262 FAX (505) 326-2388

Project Name
Project Number 2105T Phase 1000.92
Project Location Johnston Federal #6A

Elevation
Borehole Location Johnston Federal #6A
GWL Depth
Logged By P. Cheney
Drilled By K. Padilla
Date/Time Started 5/13/99 1300
Date/Time Completed 5/13/99 1605

Well Logged By P. Cheney
Personnel On-Site Cheney, K. Ledville, K. Padilla
Contractors On-Site
Client Personnel On-Site Ed Hasely

Drilling Method 4 1/4" HSA
Air Monitoring Method PID

Depth (Feet)	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring (Units: NDU) BZ	BH	S	Drilling Conditions & Blow Counts
0			Pit has been excavated and backfilled to approx 40' (Ed Hasely 5/13/99). 1st sample with no 35-37 feet						
5									
10									
15									
20									
25									
30									
35	35		yellowish brown, medium grained sand, well sorted, wet			0.0	0.0	0.0	BC = 8 S/1% = 17
40	37								

Comments:

Geologist Signature

RECORD OF SUBSURFACE EXPLORATION

Borehole # B-1
Well # MW-B1
Page 2 of 2

Philip Environmental Services Corp.
4000 Monroe Road
Farmington, New Mexico 87401
(505) 326-2262 FAX (505) 326-2388

Project Name
Project Number 21057 Phase 1000.99
Project Location Johnston Federal #6A

Elevation
Borehole Location Johnston Federal #6A
GWL Depth 34'
Logged By P. Cheney
Drilled By K. Padilla
Date/Time Started 5/13 1300
Date/Time Completed 5/13 1615

Well Logged By P. Cheney
Personnel On-Site Cheney, E. Padilla, A. Padilla
Contractors On-Site
Client Personnel On Site Ed Riley

Drilling Method 4 1/4" HSA
Air Monitoring Method OVM

Depth (Feet)		Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: NDU BZ	BH	S	Drilling Conditions & Rinse Colors
40	40			light reddish brown sandy to silty clay, soft, moderate plasticity			0.0	0.0	0.0	BC=1 S/HS = 4.2
45	42			yellowish brown medium grained sand, well sorted, unconsolidated			0.0		0.0	BC=50 S/HS = 3.5
	47									
	50			gray, well consolidated, medium grained sand			0.0		0.0	BC=50 S/HS = 3.9
	52									
15				TD = 50'						
				Back fill with silica sand to 47', set 15' of screen from 47' to 32'						
20										
25										
30										
35										
40										

Comments: Materials: 1 silt trap, 1-10' screen, 1-5' screen, 3-10' risers, 1-5' riser & sacks silica sand

Geologist Signature

ONITORING WELL INSTALLATION RECORD

Borehole # B1
Well # MW-B1
Page 1 of 1

Ep Environmental Services Corp.
0 Monroe Road
ington, New Mexico 87401
81 326-2262 FAX (505) 326-2388

Project Name

Project Number 2057 Phase 1000.09
Project Location Johnston Federal #6A

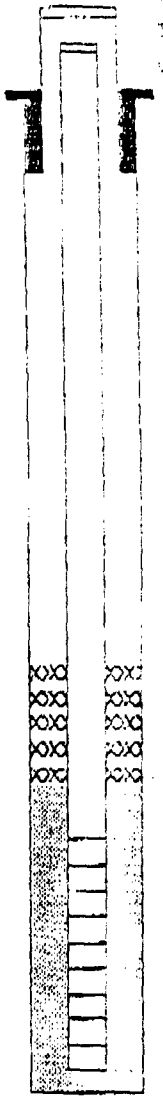
evation
ell Location Johnston Federal #6A
W.L Depth
stalled By K. Padilla

On-Site Geologist D. Cheney
Personnel On-Site Cheney, K. Padilla, D. Padilla
Contractors On-Site
Client Personnel On-Site Ed Kirsch

ate/Time Started 5/13 1300
ate/Time Completed 5/13 1615

Depths in Reference to Ground Surface

Item	Materials	Depth
Top of Protective Casing		
Bottom of Protective Casing		
Top of Permanent Borehole Casing		
Bottom of Permanent Borehole Casing		
Top of Concrete		N.A.
Bottom of Concrete		N.A
Top of Grout		N.A
Bottom of Grout		N.A
Top of Well Riser		2' AGS
Bottom of Well Riser		32'
Top of Well Screen		32'
Bottom of Well Screen		47'
Top of Bentonite Seal		N.A.
Bottom of Bentonite Seal		N.A
Top of Gravel Pack		30'
Bottom of Gravel Pack		47'
Top of Natural Cave-In		N.A
Bottom of Natural Cave-In		N.A
Top of Groundwater		34'
Total Depth of Borehole		50'



Top of Protective Casing N.A
Top of Riser 2' AGS
Ground Surface ---
Top of Seal N.A.
Top of Gravel Pack 30'
Top of Screen 32'
Bottom of Screen 47'
Bottom of Borehole 50'

Comments: Temporary well installation. TD = 50' back fill w/silica sand to 47' installed 15' of 2" screen from 47' to 32' w/a Bentonite Seal.

Geologist Signature Paul Cheney

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : PHILIP SERVICES PINNACLE I.D.: 905083
PROJECT # : 21057
PROJECT NAME : BARL. PITS

SAMPLE ID. #	CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01	PC-03JFGA89232	AQUEOUS	5/21/99	NA	5/25/99	1
02	PC-04JF470184	AQUEOUS	5/21/99	NA	5/25/99	100

PARAMETER	DET. LIMIT	UNITS	PC-03JFGA89232	PC-04JF470184
BENZENE	0.5	**UG/L**	< 0.5	**8700**
TOLUENE	0.5	**UG/L**	< 0.5	**2900**
ETHYLBENZENE	0.5	**UG/L**	< 0.5	**2800**
TOTAL XYLENES	0.5	**UG/L**	0.5	**29000**
1,3,5-TRIMETHYLBENZENE	0.5	**UG/L**	< 0.5	**1100**
1,2,4-TRIMETHYLBENZENE	0.5	**UG/L**	< 0.5	**2300**
METHYL-t-BUTYL ETHER	2.5	UG/L	< 2.5	< 250

#4

SURROGATE:
BROMOFLUOROBENZENE (%) 103 82
SURROGATE LIMITS (80 - 120)

#6A
Monitoring Well

CHEMIST NOTES:
N/A

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

July 9, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-235-437-307

Mr. Ed Hasely
Burlington Resources
P.O. Box 4289
Farmington, New Mexico 87499-4289

RE: SAN JUAN BASIN PIT GROUND WATER SITES

Dear Mr. Hasely:

Information in El Paso Field Services (EPFS) recent annual ground water monitoring report shows the presence of shallow ground at a number of well sites operated by Burlington Resources (BR). Disposal activities at EPFS pits on these locations have resulted in contamination of shallow ground water. These sites also apparently have former unlined production pits operated by BR, some of which appear to be contributing to ground water contamination seen in EPFS monitoring wells.

Due to the presenceof ground water contamination at these sites and the apparent commingling of contaminated waters from EPFS's former unlined dehy pit and BR's former unlined production pits, the OCD requires that BR immediately begin implementation of their previously approved pit closure plan at the sites listed below. Implementation will include investigation and remediation of contaminated soils and ground water at these sites.

1.	**Fogelson 4-1 Com #14**	Unit P, Sec. 04, T29N, R11W.
2.	**Johnston Federal #4**	Unit H, Sec. 33, T31N, R09W.
3.	**Johnston Federal #6A**	Unit F, Sec. 35, T31N, R09W.
4.	Standard Oil Com #1	Unit N, Sec. 36, T29N, R09W.
5.	Turner A #1 PM	Unit K, Sec. 34, T31N, R11W.

Since BR does not have an approved San Juan Basin ground water plan, the OCD also requires that BR submit a comprehensive ground water investigation and remediation plan for all pit closure sites in the San Juan Basin that encounter ground water. The plan will be submitted to the OCD Santa Fe Office by August 14, 1998 with a copy provided to the OCD Aztec District Office. In addition, the OCD requests that BR cooperate with EPFS to investigate and remediate ground water at sites with commingled plumes of contaminated ground water.

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

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
Sandra D. Miller, El Paso Field Services
Bill Liess, BLM Farmington Office