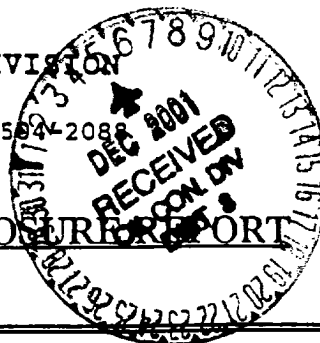


OK
04/03/02
Energy, Mine

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

(Revised 3/9/94)



Operator: Burlington Resources Telephone: (505) 326-9700
Address: 3401 East 30th Farmington NM 87402
Facility or: San Juan 32-9 Unit #36
Well Name _____
Location: Unit or Qtr/Qtr Sec M sec 33 T 32N R 9W County San Juan
Pit Type: Separator ☐ Dehydrator ☐ other Blow
Land Type: BLM ☐ , State ☐ , Fee ☒ , Other ☐

Pit Location: Pit dimensions: length 22', width 15', depth 1.5'
(Attach diagram) Reference: wellhead X, other _____
Footage from reference: 55
Direction from reference: 50 Degrees _____ East North _____
of
X West South X

Depth To Ground Water:	Less than 50 feet	(20 points)	
(Vertical distance from	50 feet to 99 feet	(10 points)	
contaminants to seasonal	Greater than 100 feet	(0 Points)	<u>0</u>
high water elevation of			
ground water)			

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points) 0
domestic water source, or; less than
1000 feet from all other water sources)

Distance To Surface Water:	Less than 200 feet	(20 points)	
(Horizontal distance to perennial	200 feet to 1000 feet	(10 points)	
lakes, ponds, rivers, streams, creeks,	Greater than 1000 feet	(0 points)	<u>0</u>
irrigation canals and ditches)			

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 11/15/01 Date Completed: 11/15/01

Remediation Method: Excavation Approx. cubic yards
(Check all appropriate sections) Landfarmed Insitu Bioremediation
Other

Remediation Location: Onsite Offsite
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action:
Results of pit soil testing met pit closure
standards. Surface soils were mixed with
native soils and the pit was backfilled.

Ground Water Encountered: No X Yes Depth

Final Pit: Sample location Center of pit
Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)
Sample depth 4 ft
Sample date 11/15/01 Sample time 2 pm

Sample Results

Benzene(ppm) 0.063
Total BTEX(ppm) 4.658
Field headspace(ppm) 125
TPH 2028

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 12/03/01

SIGNATURE

Eal Hasely

PRINTED NAME
AND TITLE

Eal Hasely
Environmental Representative



BURLINGTON RESOURCES

SJ 32-9 #36

On November 16, 2001, one soil sample was submitted to Inter-Mountain Laboratories - Farmington for analysis. The sample was received intact. Total Petroleum Hydrocarbons as Diesel Range Organics (8015M DRO) and Gasoline Range Organics (8015M GRO) and BTEX (8021B) was performed on the sample as per the accompanying Chain of Custody form.

Practical Quantification Limits (PQL's) are based on statistically derived determinations, and upon any dilutions necessary to obtain proper method response without matrix interference. It is the policy of this laboratory to employ, whenever possible, preparatory and analytical methods which have been approved by regulatory agencies. The methods used in the analysis of the sample reported herein is found in DRO – U.S.E.P.A.: "Test Method for the Determination of Diesel Range Organics", Revision 2, February 1992. GRO – U.S.E.P.A.: "Test Method for the Determination of Gasoline Range Organics", Revision 5, February 1992. BTEX analysis was performed by EPA Method 5030, Purge and Trap and EPA Method 8021B, Aromatic Volatile Hydrocarbons, "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", U.S.E.P.A., SW-846, Volume 1B.

Quality Assurance data, if not included, is on file and available upon request. If there any questions regarding the information presented in this report package, please feel free to call at your convenience.

Sincerely,

Sharon Williams

Organic Analyst/IML-Farmington

Client: Burlington Resources
Project: DRO/GRO
Sample ID: SJ 32-9 #36
Lab ID: 0301W04912
Matrix: Soil
Condition: Intact

Date Reported: 11/20/01
Date Sampled: 11/15/01
Date Received: 11/16/01
Date Extracted: N/A

Parameter	Analytical Result	PQL	Units
DRO - Method 8015M			
Diesel Range Organics (C10 - C22)	1,757	50	mg/Kg
Diesel Range Organics as Diesel	1,757	50	mg/Kg

Quality Control - Surrogate Recovery	%	QC Limits
o-Terphenyl(SUR-8015)	137 **	70 - 130

** - Surrogate Recovery failed QC Limits due to matrix interference.

Reference: SW-846 - "Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", United States Environmental Protection Agency, November, 1986.

Reviewed By:

William Lipps

Analyst:



Client: Burlington Resources
Project: DRO/GRO
Sample ID: SJ 32-9 #36
Lab ID: 0301W04912
Matrix: Soil
Condition: Intact

Date Reported: 11/20/01
Date Sampled: 11/15/01
Date Received: 11/16/01
Date Extracted: N/A

Parameter	Analytical Result	PQL	Units
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BTEX - Method 8021B

Benzene	63	50	ug/Kg
Toluene	235	50	ug/Kg
Ethylbenzene	610	50	ug/Kg
Xylenes (total)	3,750	150	ug/Kg

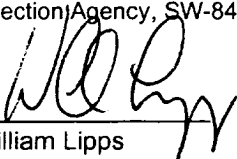
Quality Control - Surrogate Recovery	%	QC Limits
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4-Bromofluorobenzene(SUR-8021B)	135 **	70 - 130
a,a,a-Trifluorotoluene(SUR-8021B)	110	70 - 130

** - Surrogate Recovery failed QC Limits due to matrix interference.

Reference: Method 8021b, Volatile Organic Compounds, Test Methods for Evaluating
Solid Waste, Physical/Chemical Methods, United States Environmental
Protection Agency, SW-846, Volume IB.

Reviewed By:


William Lipps

Analyst:





CHAIN OF CUSTODY RECORD

Client/Project Name			Project Location		ANALYSES / PARAMETERS						
Burlington Resources			ST 32-9								
Sampler: (Signature) <i>Gregg Wurtz</i>			Chain of Custody Tape No.								
Sample No./ Identification	Date	Time	Lab Number	Matrix	No. of Containers	Remarks					
ST 32-9 #30	11/13/01	14:00	4912	Soil	11402101 X						
<div>11-19-01 GILBERTY CALLED and requested we call Fitch (802) 1614 parameter test. Sed.</div>											
						Relinquished by: (Signature) _____					
						Relinquished by: (Signature) _____					
						Relinquished by: (Signature) _____					
						Relinquished by: (Signature) _____					
						Relinquished by: (Signature) _____					
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						Relinquished by: (Signature) _____					
						Relinquished by: (Signature) _____					

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Sheridan, Wyoming 82801
Telephone (307) 672-8945

☐ 1701 Phillips Circle
Gillette, Wyoming 82718
Telephone (307) 682-8945

☒ 2506 West Main Street
Farmington, NM 87401
Telephone (505) 326-4737

☐ 11183 State Hwy. 30
College Station, TX 77845
Telephone (979) 776-8945

Inter-Mountain Laboratories, Inc.

73465