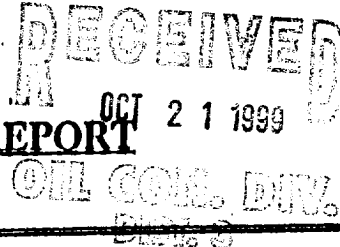


District I
P.O. Box 1910, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
600 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2089
Santa Fe, New Mexico 87504-2089

BR309
SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE



PIT REMEDIATION AND CLOSURE REPORT

Operator: R. C. RESOURCES COMPANY INC. Telephone: (505) 326-6903

Address: 501 AIRPORT DR., SUITE 161, FARMINGTON, NEW MEXICO 87499

Facility Or: NEWSOM B14
Well Name

Location: Unit or Qtr/Qtr Sec H Sec 9 T26N R8W County SAN JUAN

Pit Type: Separator ☒ Dehydrator ☐ Other AND PRODUCTION TRNK COMBO.

Land Type: BLM ☒, State ☐, Fee ☐, Other ☐

Pit Location: Pit dimensions: length 23', width 19', depth 3'
(Attach diagram) Reference: wellhead ☒, other ☐

Footage from reference: 84'

Direction from reference: 13 Degrees ☒ East North ☒
of.
☐ West South ☐

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) 0

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): 0

BR309

Date Remediation Started: _____

Date Completed: 9/28/95Remediation Method: Excavation ☒
(Check all appropriate sections)Landfarmed ☒

Other _____

Approx. cubic yards 30

Insitu Bioremediation _____

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

General Description of Remedial Action: _____

Excavation - BEDROCK BOTTOM

Ground Water Encountered:

No ☒

Yes _____

Depth _____

Final Pit:

Closure Sampling:

(if multiple samples,
attach sample results
and diagram of sample
locations and depths)Sample location see Attached DocumentsSample depth 1'Sample date 9/26/95Sample time 1340

Sample Results

Benzene(ppm) NDTotal BTEX(ppm) 0.947Field headspace(ppm) 62.8TPH 1630 ppmGround Water Sample: Yes _____ No ☒ (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

9/28/96

SIGNATURE

PRINTED NAME
AND TITLE

ROBERT B. CLARK - President

CLIENT: R.R. CLICK

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

LOCATION NO: 82309
C.O.C. NO: 4434

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: NEWSOM WELL #: B14 PIT: SEP/PROD
QUAD/UNIT: H SEC: 9 TWP: 26N RNG: 8W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 1450' ENCL 750' TEL // SE/NE CONTRACTOR: EPC

DATE STARTED: 9/26/95
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 23 FT. x 19 FT. x 3 FT. DEEP. CUBIC YARDAGE: 30
DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARMED
LAND USE: RANGE LEASE: SF- 078384 FORMATION: OK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 34 FT. N13E FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
NMOCB RANKING SCORE: 0 NMOCB TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:
SIDEWALLS - OK. YELL. BROWN SAND NON-COHESIVE, SLIGHTLY MOIST FIRM, NO APPARENT HC DOOR IN ANY OF THE OVM SAMPLES.
BOTTOM - BEDROCK, MOSTLY HARD, SOME AREAS SOFT (I.E. OVM SAMPLE COLLECTED), LT. GRAY TO BLACK (OVM SAMPLE) STRONG HC DOOR IN OVM SAMPLE.

CHECK ONE:
☐ PIT ABANDONED
☒ STEEL TANK INSTALLED
FIBERGLASS

SCALE
0 FT

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 2'	4.8
2 @ 1'	0.0
3 @ 1'	268
4 @ 1'	4.4
5 @ 4'	605

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
3 @ 1'	TPH/BTEX	1340
BOTH PASSED		

PIT PROFILE

TRAVEL NOTES: CALLOUT: 9/26/95 MORN. ONSITE: 9/26/95 MORN.

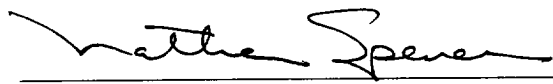
Client:	Blagg/RC Resources	Project #:	04034
Sample ID:	3 @ 1'-SEP/PROD	Date Reported:	09-27-95
Laboratory Number:	9069	Date Sampled:	09-26-95
Chain of Custody No:	4434	Date Received:	09-26-95
Sample Matrix:	Soil	Date Extracted:	09-27-95
Preservative:	Cool	Date Analyzed:	09-27-95
Condition:	Cool and Intact	Analysis Needed:	TPH

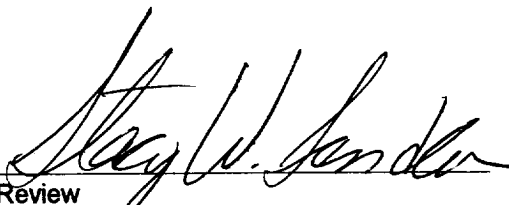
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	1,630	10

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Newsom B14.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Blagg Eng. / RC Resources	Project #:	04034
Sample ID:	3 @ 1' - Sep/Prod	Date Reported:	09-28-95
Laboratory Number:	9069	Date Sampled:	09-26-95
Chain of Custody:	4434	Date Received:	09-26-95
Sample Matrix:	Soil	Date Analyzed:	09-28-95
Preservative:	Cool	Date Extracted:	09-28-95
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	29.7
Toluene	89.9	33.9
Ethylbenzene	154	31.7
p,m-Xylene	599	27.1
o-Xylene	104	29.4
Total BTEX	947	

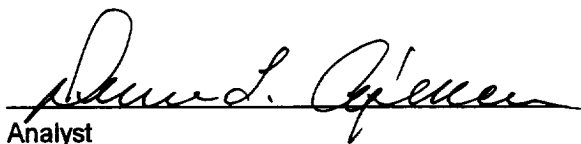
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	97 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Newsom B14 BR309


Analyst


Review

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
100 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

BR309

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: R. C. RESOURCES COMPANY INC. Telephone: (505) 326-6903

Address: 501 AIRPORT DR., SUITE 161, FARMINGTON, NEW MEXICO 87499

Facility Or: NEWSUM 814
Well Name

Location: Unit or Qtr/Qtr Sec H Sec 9 T26N R8W County SAN JUAN

Pit Type: Separator Dehydrator ✓ Other

Land Type: BLM ✓, State , Fee , Other

Pit Location: Pit dimensions: length 13', width 10', depth 5'
(Attach diagram) Reference: wellhead ✓, other

Footage from reference: 125'

Direction from reference: 35 Degrees ✓ East North ✓
of
 West South

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) 0

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) 0

Date Remediation Started: _____

Date Completed: 9/28/95Remediation Method: Excavation ☒
(Check all appropriate sections)Landfarmed ☒Approx. cubic yards 20

Insitu Bioremediation _____

Other _____

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

General Description of Remedial Action: _____

Excavation - BEDROCK BOTTOM

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit:

Closure Sampling:

(if multiple samples,
attach sample results
and diagram of sample
locations and depths)Sample location see Attached DocumentsSample depth 2'Sample date 9/26/95Sample time 1300

Sample Results

Benzene(ppm) NDTotal BTEX(ppm) 0.0625Field headspace(ppm) 275TPH 232 ppmGround Water Sample: Yes _____ No ☒ (If yes, attach sample results)I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST
OF MY KNOWLEDGE AND BELIEFDATE 9/28/95

SIGNATURE

PRINTED NAME
AND TITLE

ROBERT R. CLICK - President

CLIENT: R.R. CLICKBLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: 82309C.O.C. NO: 4434

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1LOCATION: NAME: Newsom WELL #: B14 PIT: DEH4DATE STARTED: 9/26/95QUAD/UNIT: H SEC: 9 TWP: 26N RNG: 8W PM: NM CNTY: ST. NM

DATE FINISHED: _____

QTR/FOOTAGE: 1450' FM / 750' FEL SE/NE CONTRACTOR: EPCENVIRONMENTAL SPECIALIST: NVEXCAVATION APPROX. 13 FT. x 10 FT. x 5 FT. DEEP. CUBIC YARDAGE: 20DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARMEDLAND USE: RANGE LEASE: SF - 078384 FORMATION: OKFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 125 FT. N35E FROM WELLHEAD.DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMCD RANKING SCORE: 0 NMCD TPH CLOSURE STD: 5000 PPM

CHECK ONE:

SOIL AND EXCAVATION DESCRIPTION:

☐ PIT ABANDONED
☒ STEEL TANK INSTALLEDSIDEWALLS - MOD. YELL. DRANGE TO DK. YELL. BROWN SAND,
NON-COHESIVE TO SLIGHTLY COHESIVE, SLIGHTLY
MOIST, FIRM TO DENSE, HC ODOOR IN NORTH
SIDEWALL OVM SAMPLE ONLY.

FIBERGLASS

BOTTOM - BEDROCK, HARD, LT. GRAY IN COLOR, STRONG HC ODOOR IN OVM SAMPLE.

FIELD 418.1 CALCULATIONS

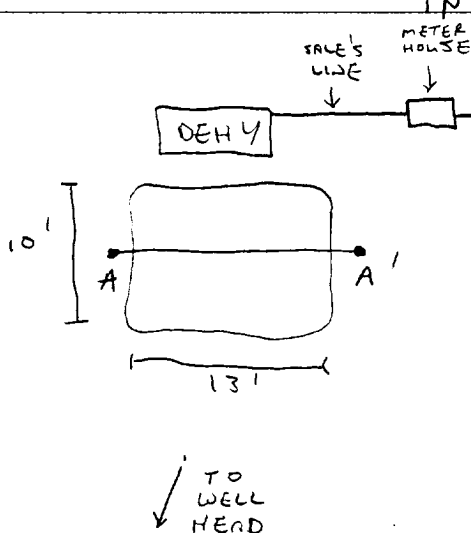
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE



0 FT

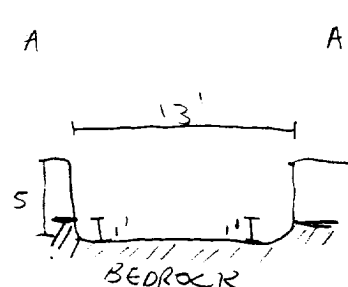
PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 2'	275
2 @ 1'	3.6
3 @ 3'	7.6
4 @ 2'	3.8
5 @ 5'	733

PIT PROFILE



LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 2'	TPH BTEX	1300

BOTH
PASSED

TRAVEL NOTES:

CALLOUT: 9/26/95 MORN. ONSITE: 9/26/95 MORN.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Blagg/RC Resources	Project #:	04034
Sample ID:	1 @ 2'-Dehy	Date Reported:	09-27-95
Laboratory Number:	9070	Date Sampled:	09-26-95
Chain of Custody No:	4434	Date Received:	09-26-95
Sample Matrix:	Soil	Date Extracted:	09-27-95
Preservative:	Cool	Date Analyzed:	09-27-95
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	232	10

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Newsom B14.**



Analyst



Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Blagg Eng. / RC Resources	Project #:	04034
Sample ID:	1 @ 2' - Dehy	Date Reported:	09-28-95
Laboratory Number:	9070	Date Sampled:	09-26-95
Chain of Custody:	4434	Date Received:	09-26-95
Sample Matrix:	Soil	Date Analyzed:	09-28-95
Preservative:	Cool	Date Extracted:	09-28-95
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	29.8
Toluene	ND	34.1
Ethylbenzene	ND	31.9
p,m-Xylene	62.5	27.2
o-Xylene	ND	29.5
Total BTEX	62.5	

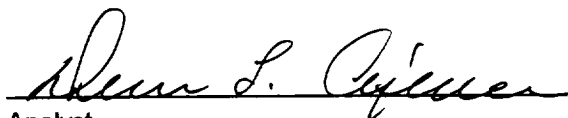
ND - Parameter not detected at the stated detection limit.

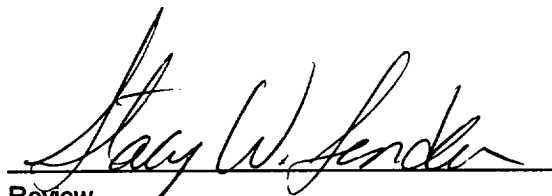
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	98 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: Newsom B14 BR309


Analyst


Review

San Juan Repro Form 570-01

CLIENT: <u>RE RESOURCES</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>82309</u> C.D.C. NO: <u>7101</u>
-----------------------------	--	---

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>NEWSOM</u> B WELL #: <u>14</u> PITS: <u>SEP, PROD, DEHY</u>	DATE STARTED: <u>8-12-99</u>
QUAD/UNIT: <u>H</u> SEC: <u>9</u> TWP: <u>26N</u> RNG: <u>8W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u>	DATE FINISHED: <u>8-17-99</u>
QTR/FOOTAGE: <u>1450N/790E</u> CONTRACTOR: <u>EPC</u>	ENVIRONMENTAL SPECIALIST: <u>REP</u>

SOIL REMEDIATION:

REMEDICATION SYSTEM: <u>LANDFARM</u>	APPROX. CUBIC YARDAGE: <u>50</u>
LAND USE: <u>RANGE</u>	LIFT DEPTH (ft): <u>1.7</u>

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

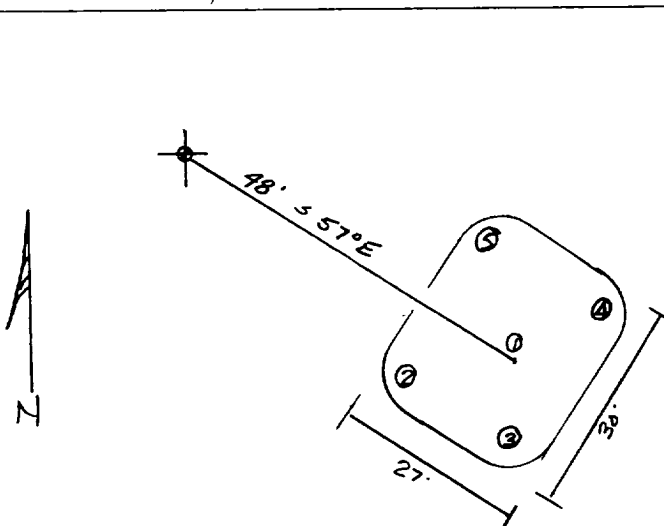
NMDCD RANKING SCORE: 0 NMDCD TPH CLOSURE STD: 5000 PPM

*DARK YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM
NO APPARENT STAINING, NO HC ODOR. SAMPLING DEPTHS RANGE FROM
6" - 10". COLLECTED A SPT. COMPOSITE SAMPLE FOR LAB ANALYSIS.*

FIELD 418.1 CALCULATIONS

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

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
LF-1	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	TPH (8015)	1300	0.7

SCALE



0 FT

TRAVEL NOTES: CALLOUT: NA ONSITE: 8-12-99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

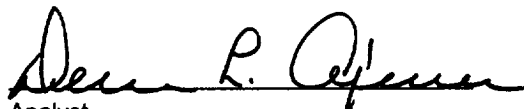
Client:	Blagg / RC Resources	Project #:	403410
Sample ID:	LF - 1	Date Reported:	08-17-99
Laboratory Number:	F915	Date Sampled:	08-12-99
Chain of Custody No:	7101	Date Received:	08-13-99
Sample Matrix:	Soil	Date Extracted:	08-16-99
Preservative:	Cool	Date Analyzed:	08-17-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	0.7	0.1
Total Petroleum Hydrocarbons	0.7	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Newsom B 14 LF. 5 Pt. Composite.**


Analyst


Review

7101

[illegible]