

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
000 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

Sep-RISK - Debra 82306

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

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OCT 21 1999

PIT REMEDIATION AND CLOSURE REPORT

OIL CON. DIV.
DIST. 3

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

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

Facility Or: NEWSOM B13
Well Name

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

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

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

Pit Location: Pit dimensions: length 19', width 29', depth 11'
(Attach diagram) Reference: wellhead ☒, other ☐

Footage from reference: 90'

Direction from reference: 60 Degrees ☐ East North ☒
☒ 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: 9/6/95Remediation Method: Excavation ☒
(Check all appropriate sections)Landfarmed ☒Approx. cubic yards 165

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 7'Sample date 9/6/95Sample time 0945

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 927TPH 5,400Ground 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 9/6/95

SIGNATURE

PRINTED NAME
AND TITLERobert R. Cuck - President

3004511849

CLIENT: <u>R.R. CLICK</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BR306</u> C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: NEWSOM WELL #: B13 PIT: SEP
 QUAD/UNIT: L SEC: 9 TWP: 26N RNG: 8W PM: NM CNTY: SJ ST: NM
 QTR/FOOTAGE: 1755' FSL / 965' FWL CONTRACTOR: EPC

DATE STARTED: 9/6/95
 DATE FINISHED: _____

ENVIRONMENTAL
 SPECIALIST: NV

EXCAVATION APPROX. 19 FT. x 29 FT. x 11 FT. DEEP. CUBIC YARDAGE: 165
 DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARM
 LAND USE: RANGE LEASE: SF - 078384 FORMATION: OK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 90 FT. N60W FROM WELLHEAD.

DEPTH TO GROUNDWATER: 7100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMOCED RANKING SCORE: 2 NMOCED TPH CLOSURE STD: 5000 PPM

CHECK ONE:

☐ PIT ABANDONED☒ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

MOD. BROWN (NORTH SIDEWALL), LT. OLIVE GRAY (EAST SIDEWALL), FIBERGLASS
 MED. DK. GRAY (SOUTH SIDEWALL), GRAYISH BROWN (WEST SIDEWALL) SILTY SAND,
 NON-COHESIVE TO SLIGHTLY COHESIVE SLIGHTLY MOIST, FIRM TO DENSE,
 STRONG HC ODOR IN ALL DUM SAMPLES.
 BOTTOM - BEDROCK HARD, LT. OLIVE GRAY TO MED. DK. GRAY, STRONG HC
 ODOR IN DUM SAMPLE.

FIELD 418.1 CALCULATIONS

CONDITIONAL

SCALE



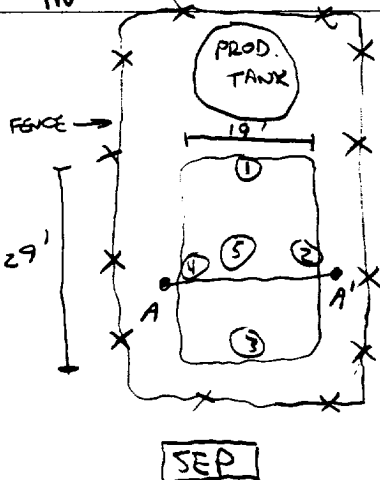
0 FT

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
0945	② @ 7'	TPH-1565	5	20	10:1	135	5,400

IN PIT PERIMETER

OVM
RESULTS

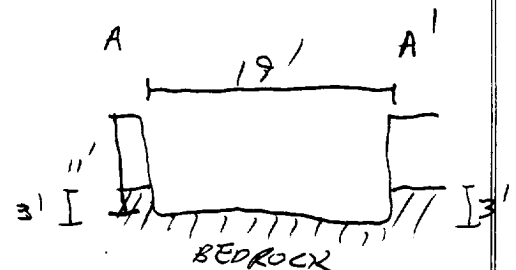
PIT PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 7'	840
2 @ 7'	927
3 @ 8'	658
4 @ 7'	488
5 @ 11'	763

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME



TRAVEL NOTES: CALLOUT: 9/5/95 AFTER ONSITE: 9/6/95 MORN.

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client:	R.R. CLICK	Project #:	
Sample ID:	2 @ 7'	Date Analyzed:	09-06-95
Project Location:	Newsom B 13	Date Reported:	09-06-95
Laboratory Number:	TPH-1565	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
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Total Recoverable Petroleum Hydrocarbons	5,400	200

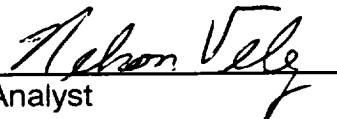
ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	-----	-----	-----
	15120	15960	5.41

*Administrative Acceptance limits set at 30%.

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

Comments: Separator Pit - BR306


Analyst


Review

Date Remediation Started: _____

Date Completed: 9/6/95Remediation Method: Excavation ☒
(Check all appropriate sections)Landfarmed ☒Approx. cubic yards 40

Insitu Bioremediation _____

Other _____

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 2'Sample date 9/6/95Sample time 1115

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 4.0TPH 44Ground 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 9/6/95

SIGNATURE

PRINTED NAME
AND TITLERobert R. Cuck - President

3004511849

CLIENT: <u>R.R. CLICK</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BR306</u> C.D.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: NEWSON WELL #: B13 PIT: DEHY
 QUAD/UNIT: L SEC: 9 TWP: 26N RNG: 8W PM: NM CNTY: SJ ST: NM
 QTR/FOOTAGE: 1755' FSL/965' FWL CONTRACTOR: EPC

DATE STARTED: 9/6/95
 DATE FINISHED: _____
 ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 19 FT. x 19 FT. x 4 FT. DEEP. CUBIC YARDAGE: 40
 DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARMED
 LAND USE: RANGE LEASE: SF-078384 FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 120 FT. S10E FROM WELLHEAD.
 DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
 NMOC RANKING SCORE: 0 NMOC TPH CLOSURE STD: 5000 PPM

CHECK ONE:

☒ PIT ABANDONED
☐ STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

DK. YELL. BROWN SAND (EAST SIDEWALL) & PALE YELL. ORANGE (SOUTH SIDEWALL)
 SAND, NON-COHESIVE, FIRM TO DENSE, SLIGHTLY MOIST, NO APPARENT HC
 ODOR.

NORTH & WEST SIDEWALLS & BOTTOM REDUCED, SOFT (SIDEWALLS) TO HARD (BOTTOM)
 COLOR RANGING FROM LT. OLIVE GRAY TO
 MED. DR. GRAY, STRONG HC ODOR IN OUTH
 SAMPLES

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1115	② EZ'	TPH-1566	5	20	1:1	11	44

SCALE



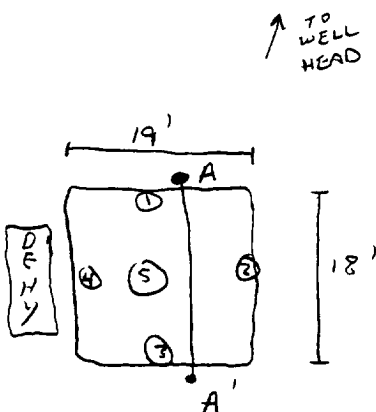
0 FT



PIT PERIMETER

OVM RESULTS

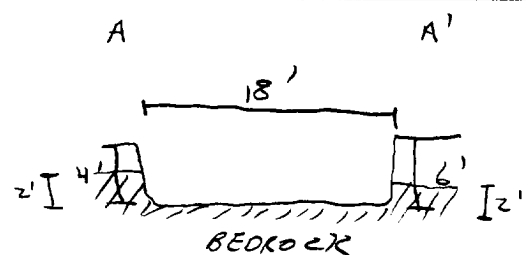
PIT PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 3'	510
2 @ 2'	4
3 @ 3'	0.0
4 @ 3'	709
5 @ 4'	522

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME



TRAVEL NOTES: CALLOUT: 9/5/95 AFTER. ONSITE: 9/6/95 MORN.

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client: R.R. CLICK
Sample ID: 2 @ 2'
Project Location: Newsom B 13
Laboratory Number: TPH-1566

Project #:
Date Analyzed: 09-06-95
Date Reported: 09-06-95
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
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Total Recoverable Petroleum Hydrocarbons	44	20

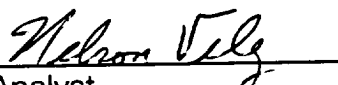
ND = Not Detectable at stated detection limits.

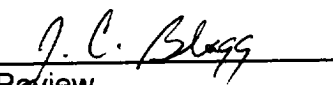
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	-----	-----	-----
	15120	15960	5.41

*Administrative Acceptance limits set at 30%.

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

Comments: Dehydrator Pit - BR306


Analyst


Review

CLIENT: <u>RE RESOURCES</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BR306</u> C.D.C. NO: <u>7096</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>NEWSOM B</u> WELL #: <u>13</u> PITS: <u>SEP. DEHY</u> QUAD/UNIT: <u>L</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> QTR/FOOTAGE: <u>1755-3/965W</u> CONTRACTOR: <u>EPC</u>	DATE STARTED: <u>8.3.99</u> DATE FINISHED: <u>8.4.99</u> ENVIRONMENTAL SPECIALIST: <u>REP</u>
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SOIL REMEDIATION:

REMEDICATION SYSTEM: <u>LANDFARM</u>	APPROX. CUBIC YARDAGE: <u>205</u>
LAND USE: <u>RANGE</u>	LIFT DEPTH (ft): <u>1.5'</u>

FIELD NOTES & REMARKS:

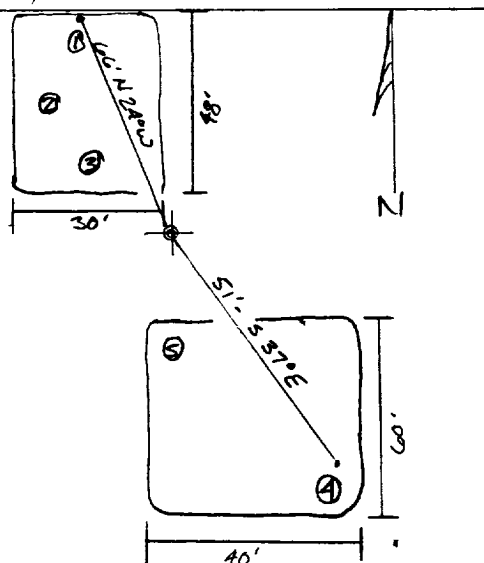
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
 NMDCD RANKING SCORE: 0 NMDCD TPH CLOSURE STD: 5000 PPM

PALE YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM.
 NO APPARENT STAINING, NO HC ODOR DETECTED. SAMPLING DEPTHS RANGE FROM 6"-12". 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)	1100	66.9

SCALE



TRAVEL NOTES:

CALLOUT: NA ONSITE: 8.3.99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

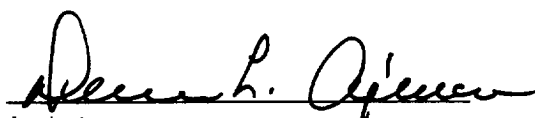
Client:	Blagg / R C Resources	Project #:	403410
Sample ID:	LF - 1	Date Reported:	08-04-99
Laboratory Number:	F811	Date Sampled:	08-03-99
Chain of Custody No:	7096	Date Received:	08-03-99
Sample Matrix:	Soil	Date Extracted:	08-04-99
Preservative:	Cool	Date Analyzed:	08-04-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

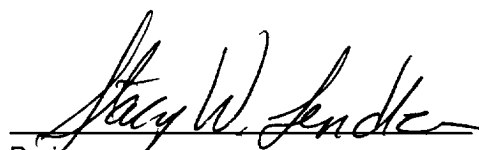
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2.9	0.2
Diesel Range (C10 - C28)	64.0	0.1
Total Petroleum Hydrocarbons	66.9	0.2

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 13 5 Pt. Composite.**


Analyst


Review

7096

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