

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

Dehy - Risk - Dehydrator - 500
Sep 20 OK
SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE
RECEIVED
OCT 21 1993

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: HODGES 8E
Well Name
Location: Unit or Qtr/Qtr Sec D Sec 21 T 26N R 8W County SAN JUAN
Pit Type: Separator Dehydrator ☒ Other
Land Type: BLM ☒ State Fee Other

Pit Location: Pit dimensions: length 18', width 18', depth 9'
(Attach diagram) Reference: wellhead ☒ other
Footage from reference: 130'
Direction from reference: 30 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: 7/18/95Remediation Method: Excavation ☒
(Check all appropriate sections)Approx. cubic yards 60Landfarmed ☐Insitu Bioremediation ☐Other COMPOSTEDRemediation Location:
(ie. landfarmed onsite,
name and location of
offsite facility)onsite ☒ offsite ☐

General Description of Remedial Action: _____

Excavation

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 5'Sample date 7/18/95Sample time 0930

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 7.1TPH 32 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 7/18/95

SIGNATURE

PRINTED NAME
AND TITLERobert R. Click - President

CLIENT: R.R. CLICK

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

LOCATION NO: BR-200
C.D.C. NO:

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: DES WELL #: 8E PIT: 0544
QUAD/UNIT: D SEC: 21 TWP: 26N RNG: 8W PM: Nm CNTY: SJ ST: NM
QTR/FOOTAGE: 100' 100' 4' CONTRACTOR: EPC

DATE STARTED: 7/18/95
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 18 FT. x 18 FT. x 9 FT. DEEP. CUBIC YARDAGE: 60
DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARMED
LAND USE: RANGE LEASE: SF 078432 FORMATION: DK

FIELD NOTES & REMARKS:
PIT LOCATED APPROXIMATELY 130' FT. N30W FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM
SOIL AND EXCAVATION DESCRIPTION:
SIDEWALLS - MOD. YELL. BROWN, SAND TO SILTY SAND, NON-COHESIVE, DRY TO SLIGHTLY MOIST, FIRM TO DENSE, NO APPARENT HC ODOR.
BOTTOM: LT. GRAY SANDSTONE, HARD, STRONG HC ODOR.

CHECK ONE:
☒ PIT ABANDONED
☐ STEEL TANK INSTALLED

CLOSED

SCALE
0 FT

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
0930	DES'	TPH-1541	5	20	1:1	8	32

PIT PERIMETER

OVM RESULTS

PIT PROFILE

SAMPLE ID	FIELD HEADSPACE PID (ppm)
12 5'	7.1
22 5'	30
32 5'	0.2
42 5'	0.8
52 9'	849

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES: CALLOUT: 7/18/95 MORN. ONSITE: 7/18/95 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: 1 @ 5'
Project Location: Hodges 8E
Laboratory Number: TPH-1541

Project #:
Date Analyzed: 07-18-95
Date Reported: 07-18-95
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
-----	-----	-----
Total Recoverable Petroleum Hydrocarbons	32	20

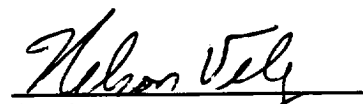
ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	-----	-----	-----
	1248	1224	1.94

*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 - BR300


Analyst


Review

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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: HODGES 8E
Well Name

Location: Unit or Qtr/Qtr Sec D Sec 21 T 26N R 8W County SAN JUAN

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

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

Pit Location: Pit dimensions: length 18', width 19', depth 6'
(Attach diagram) Reference: wellhead ☒, other ☐

Footage from reference: 113'

Direction from reference: 5 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) 0
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: 7/18/95Remediation Method: Excavation ☒
(Check all appropriate sections)Approx. cubic yards 40

Landfarmed _____

Insitu Bioremediation _____

Other COMPOSTEDRemediation Location:
(i.e. landfarmed onsite,
name and location of
offsite facility)Onsite ☒ offsite _____

General Description of Remedial Action: _____

Excavation

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 7/18/95Sample time 1000

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 0.0TPH 40 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 7/18/95

SIGNATURE

PRINTED NAME
AND TITLERobert R. Clark - President

TRAVEL NOTES: CALLOUT: 7/18/95 MORN. ONSITE: 7/18/95 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: 5 @ 7'
Project Location: Hodges 8E
Laboratory Number: TPH-1542

Project #:
Date Analyzed: 07-18-95
Date Reported: 07-18-95
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
-----	-----	-----
Total Recoverable Petroleum Hydrocarbons	40	20

ND = Not Detectable at stated detection limits.

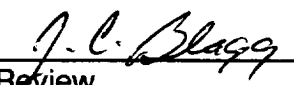
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	-----	-----	-----
	1248	1224	1.94

*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 - BR300


Analyst


Review

CLIENT: <u>RC RESOURCES</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BE300</u> C.O.C. NO: <u>6940</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>HODGES</u>	WELL #: <u>8E</u>	PITS: <u>SEP. DEHN</u>	DATE STARTED: <u>8.12.99</u>	DATE FINISHED: <u>8.17.99</u>
QUAD/UNIT: <u>D SEC: 21 TWP: 26N RNG: 8W PM: NM CNTY: ST NM</u>			ENVIRONMENTAL SPECIALIST: <u>REP</u>	
QTR/FOOTAGE: <u>930N/1040W</u>			CONTRACTOR: <u>EPC</u>	

SOIL REMEDIATION:

REMEDICATION SYSTEM: LANDFARM APPROX. CUBIC YARDAGE: 100

LAND USE: RANGE LIFT DEPTH (ft): 1.7'

FIELD NOTES & REMARKS:

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

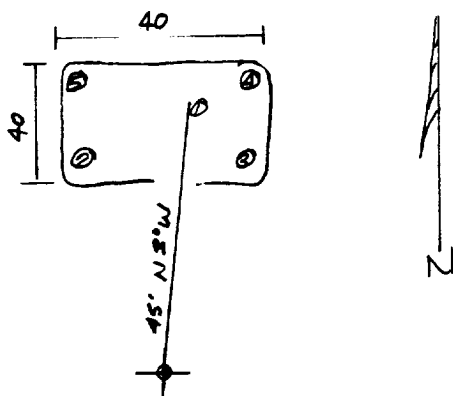
NMOCB RANKING SCORE: 0 NMOCB TPH CLOSURE STD: 5000 PPM

*MODERATE YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM
NO APPARENT STAINING, NO HL ODDR DETECTED. SAMPLING DEPTHS
RANGE FROM 6"-10". COLLECTED A 5FT 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

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (8015)	0800	2.3

SCALE

0 1 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

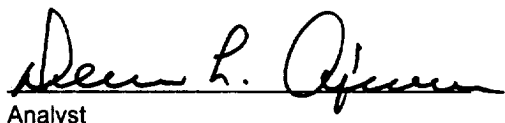
Client:	Blagg / RC Resources	Project #:	403410
Sample ID:	LF - 1	Date Reported:	08-17-99
Laboratory Number:	F911	Date Sampled:	08-12-99
Chain of Custody No:	6940	Date Received:	08-13-99
Sample Matrix:	Soil	Date Extracted:	08-16-99
Preservative:	Cool	Date Analyzed:	08-17-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	2.3	0.1
Total Petroleum Hydrocarbons	2.3	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: **Hodges 8 E LF. 5 Pt. Composite.**


Analyst


Review

6940

[illegible]