

Denny Roust

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

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

DEPUTY OIL & GAS INSPECTOR

OCT 20 1995

PIT REMEDIATION AND CLOSURE REPORT

Operator: Merrion Oil & Gas Corporation

Telephone: (505) 327-9801

Address: PO Box 840, Farmington NM 87499

Facility Or: Canada Mesa #4 Dakota

Well Name

Location: Unit or Qtr/Qtr Sec A Sec 10 T 24N R 6W County Rio Arriba

Pit Type: Separator X Dehydrator Other

Land Type: BLM X, State , Fee , Other

Pit Location: Pit dimensions: length 15', width 15', depth 4'

Attach diagram)

Reference: wellhead X, other

Footage from reference: 100'

Direction from reference: 60 Degrees X East North
of
 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)	<u>20</u>

Wellhead Protection Area:

(Less than 200 feet from a private
domestic water source, or; less than
1000 feet from all other water sources)

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OIL CON. DIV.
DIST. 3

Yes	(20 points)	
No	(0 points)	<u>0</u>

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)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 20

Date Remediation Started: 5-9-94 Dated Completed: 5-10-94

Remediation Method: Excavation X Approx. cubic yards 130
(Check all appropriate sections) Landfarmed Insitu Bioremediation
Other Composted on location with manure.

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

General Description Of Remedial Action: Excavated approx. 130 cubic yards of
contaminated soil, composted on location. Took composit wall and bottom sample of
excavated pit. Sample gave OVM reading of 26 ppm. Took composit wall and bottom
sample to lab for TPH analysis. Installed new 40 bbl steel double wall/bottom tank in
same location.

Ground Water Encountered: No X Yes Depth

Final Pit: Sample location Composit wall and bottom
Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)
Sample depth wall 6', bottom 12'
Sample date 5-10-94 Sample time 2:30
Sample Results
Benzene(ppm)
Total BTEX(ppm)
Field headspace(ppm) 26
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 6-10-94
SIGNATURE Margi Sullivan PRINTED NAME AND TITLE Margi Sullivan Engineering Technician

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DEPUTY OIL & GAS INSPECTOR

OCT 20 1995

PIT REMEDIATION AND CLOSURE REPORTOperator: Merrion Oil & Gas Corporation Telephone: (505) 327-9801Address: PO Box 840, Farmington NM 87499Facility Or: Canada Mesa #4 Gallup

Well Name

Location: Unit or Qtr/Qtr Sec A Sec 10 T 24N R 6W County Rio ArribaPit Type: Separator X Dehydrator Other Land Type: BLM X, State , Fee , Other Pit Location: Pit dimensions: length 15', width 15', depth 4'

Attach diagram)

Reference: wellhead X, other Footage from reference: 150'Direction from reference: 60 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**RECEIVED**
JUN 14 1994
OIL CON. DIV.
DIST. 3**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) 0RANKING SCORE (TOTAL POINTS): 20

Date Remediation Started: 5-11-94 Dated Completed: 5-11-94

Remediation Method: Excavation X Approx. cubic yards 40
(Check all appropriate sections) Landfarmed Insitu Bioremediation
Other Composted on location with manure

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

General Description Of Remedial Action: Excavated approx. 40 cubic yards of
contaminated soil. Composted soil on location with manure. Took composit wall and
bottom sample of excavated pit. Installed new 40 bbl double wall/bottom steel tank in
same location as old pit.

Ground Water Encountered: No X Yes Depth

Final Pit: Sample location Composit wall and bottom of excavated pit
Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)
Sample depth wall 6', bottom 10'
Sample date 5-11-94 Sample time 11:45

Sample Results

Benzene(ppm)

Total BTEX(ppm)

Field headspace(ppm) 8

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 6-10-94

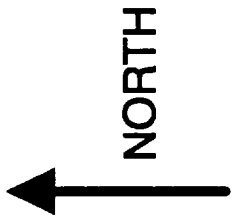
SIGNATURE

Margi Sullivan

PRINTED NAME
AND TITLE

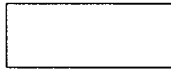
Margi Sullivan
Engineering Technician

CANADA MESA #4 LOCATION DIAGRAM

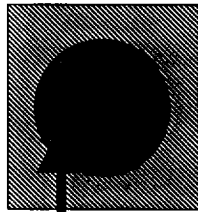


● WELLHEAD

GALLUP
SEPARATOR

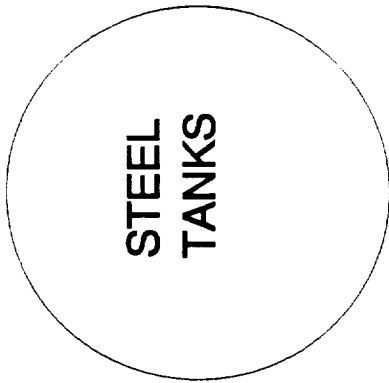


OLD EARTHEN PIT

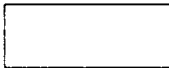


Sample

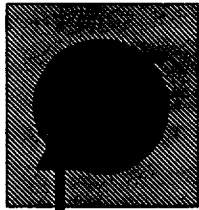
NEW STEEL PIT
installed in same location



DAKOTA
SEPARATOR



OLD EARTHEN PIT



Sample

NEW STEEL PIT
installed in same location

COMPOSTED SOIL ON LOCATION

**TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1****Merrion Oil and Gas**

Project: Canada Mesa 4
Matrix: Soil
Condition: Intact/Cool

Date Reported: 05/18/94
Date Sampled: 05/10-11/94
Date Received: 05/11/94
Date Extracted: 05/18/94
Date Analyzed: 05/18/94

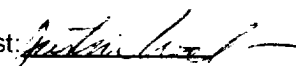
Sample ID	Lab ID	Result (mg/kg)	Detection Limit
Canada Mesa 4DK #	G00457	ND	18
Canada Mesa 4GL #	G00458	ND	16

ND - Analyte not detected at stated detection level.

References:

Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

Method 3550: Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds from Solids, USEPA SW-846, Rev. 1, July 1992.

Analyst: 

Reviewed: 