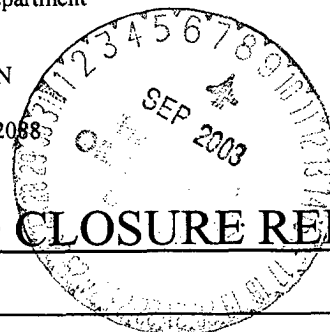


District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

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



PIT REMEDIATION AND CLOSURE REPORT

30-045-25577

Operator : Energen Resources Telephone: (505) 325-6800

Address: 2198 Bloomfield Highway Farmington, NM 87401

Facility Or: Trading Post # 1

Well Name

Location: Unit or Qtr/Qtr Sec B Sec 34 T 27N R 12W County San Juan

Pit Type: Separator _____ Dehydrator _____ Other East Pit Unknown

Land Type: BLM _____, State _____, Fee _____, Other: Navajo Allotted

Pit Location: Pit dimensions: Length 10 ft, width 10 ft, depth 3 ft

(Attach diagram)

Reference: wellhead X other _____

Footage from reference: 145 ft

Direction from reference: 105 Degrees X East North X
West South

Depth to Ground Water: >100 feet
(vertical distance from
contaminants to seasonal
highwater elevation of
ground water)

_____	Less than 50 feet	(20 points)	
_____	50 ft to 99 feet	(10 points)	
<u>X</u>	Greater than 100 feet	(0 points)	<u>0</u>

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)	
<u>X</u>	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)	
<u>X</u>	Greater than 1000 feet	(0 points)	<u>0</u>

P:\pits\PrrC@.WK3

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 1/27/2003 Date Completed: 1/27/03

Excavation X Approx. cubic yards 0

Landfarmed _____ Insitu Bioremediation _____

Other _____

Remediation Method: Onsite N/A Offsite _____

(Check all appropriate
sections)

General Description of Remedial Action : A soil sample was obtained from the center bottom of the pit at a depth of 6 feet utilizing U.S.E.P.A. protocol and evaluated for GRO/DRO analysis. The sample was tested and provided concentrations below NMOCD/BLM guidelines.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:

Closure Sampling:
(if multiple samples,
attach sample results

and diagram of sample
locations and depths)

Sample location Center Bottom

Sample depth 6 feet

Sample date 1/27/03

Sample time 12:10

Sample Results

Benzene(ppm) _____

Total BTEX (PPM) _____

Field Headspace (ppm) 14

TPH <50 ppm

Ground Water Sample: Yes _____ No X (if yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETED TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE 3/7/03 PRINTED NAME Frank McDonald

SIGNATURE [Signature] and TITLE Environmental Specialist.

Client: Energen Resources

Date Began: 1/27/03 Date End: 1/27/03

Location: <u>Trading Post # 1</u> <u>Energen Resources</u>		Site Diagram:	
Unit Letter: <u>B</u> Sec. <u>34</u> Twn. <u>27</u> Rng <u>12</u>		<p>Legend: cathodic station: meter house: cement slabs: north pit: sep: west pit: east pit: pit tank: tank: </p>	
Pit Reference from Wellhead: <u>145-ft North 105-degrees East</u>			
Pit: <u>East pit</u>			
Initial size: <u>10' x 10' x 3' deep</u>			
Final Size: <u>10' x 10' x 3' deep</u>			
Total Cubic Yards: _____			
Distances from (ft): _____			
Groundwater: <u>>100 ft</u>			
Wellhead Protection Area: <u>>1000 ft</u>			
Nearest Surface Water: <u>>1000 ft</u>			
Distance to ephemeral stream: <u>>1000 ft</u>			
Ranking Score (points): <u>0</u>			
Sample ID	Sample Depth (ft)	QVM Reading	
east pit	3' below pit bottom	14	
2			
3			
4			
5			
6			
7			
8			
9			
10			
Comments:			Not to Scale
Napi irrigation ditch is approx. 1500' to the north in a upgrade direction. Dwelling approx. 1/4 mile to the SW			
No hydrocarbon odor or staining was detected			

Environmental Specialist: PS

Client: Energen Resources
Project: PIT CLOSURE
Sample ID: East Pit-Trading Post#1
Lab ID: 0303W00318
Matrix: Soil
Condition: Cool/Intact

Date Reported: 02/10/03
Date Sampled: 01/27/03
Date Received: 01/29/03
Date Extracted: N/A
Date Analyzed: 02/08/03

Parameter	Analytical Result	PQL	Units
TPH-Method 8015			
Diesel Range Organics (C10 - C22)	<5	5	mg/Kg
Gasoline Range Organics(C6-C10)	8	5	mg/Kg
Oil Range Organics (C22 - C32)	<50	50	mg/Kg
Total Petroleum Hydrocarbons (C6-C22)	<50	50	mg/Kg

Quality Control - Surrogate Recovery	%	QC Limits
o-Terphenyl(SUR-8015)	117	50 - 150

Reference: SW-846 - "Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", United States Environmental Protection Agency, November, 1986.
Method 8015-AZ, C10 - C32 Hydrocarbons in Soil, Arizona Department of Health Services, Revision - 1.0, 09/25/98.

Reviewed By: Analyst: 