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

Tommye L. Trust
DEPUTY OIL & GAS INSPECTOR
JUN 23 1998

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

Approved

Operator : Devon Energy Corporation Telephone: (505) 324-0033

Address: 3300 North Butler Avenue, Suite 211, Farmington, NM 87401

Facility Or: N.E. Blanco Unit # 24 A
Well Name

Location: Unit or Qtr/Qtr Sec I Sec 17 T 30N R 7 W County Rio Arriba

Pit Type: Separator _____ Dehydrator X Other Production Tank

Land Type: BLM _____, State X, Fee _____, Other _____

Pit Location: (Attach diagram)
Pit dimensions: Length 15 ft, width 15 ft, depth 2 ft

Reference: wellhead X other _____

Footage from reference: 75 ft

Direction from reference: 90 Degrees X East North X of West South _____

Depth to Ground Water: (vertical distance from contaminants to seasonal highwater elevation of ground water)	_____	Less than 50 feet	(20 points)	
	_____	50 ft to 99 feet	(10 points)	
	X	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)	
	X	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)	
	X	200 feet to 1000 feet	(10 points)	
	_____	Greater than 1000 feet	(0 points)	10

P:\pits\PrrC@.WK3

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 8/27/96 Date Completed: 8/27/96

Excavation NA Approx. cubic yards _____

Landfarmed NA Insitu Bioremediation _____

Other _____

Remediation Method: Onsite NA Offsite _____

(Check all appropriate sections)

General Description of Remedial Action : A fiberglass pit was installed in 1995 into the original earthen pit. Samples were extracted from the original pit area. Bedrock was encountered at depths of 3 ½ and 4 feet, thereby determining vertical extent. Although analysis above the bedrock were above closure standards, there is little to no risk to human health or environment.

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 of pit

Sample depth 4' below ground level

Sample date 8/27/96 Sample time 14:35

Sample Results

Benzene(ppm) _____.

Total BTEX (PPM) _____.

Field Headspace (ppm) 17.4 .

TPH 1850 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 2-27-98 PRINTED NAME Jim Abbey

SIGNATURE James K Abbey and TITLE Operations Engineer

FIELD PIT SITE ASSESSMENT FORM

1750' FSL & 870' FEL

GENERAL

Meter: _____ Location: NE BLANCO UNIT NO. 24A

Operator #: _____ Operator Name: Blkwood-Nichols P/L District: _____

Coordinates: Letter: ___ Section 17 Township: 30N Range: 7W

Or Latitude _____ Longitude _____

Pit Type: Dehydrator X Location Drip: ___ Line Drip: ___ Other: ~~SEP~~

Site Assessment Date: 22 Aug 96 Area: ___ Run: ___

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps)

Inside ☒ (1)

Outside ☒ (2)

Land Type:

BLM ☐ (1)

State ☒ (2)

Fee ☐ (3)

Indian _____

Depth to Groundwater

Less Than 50 Feet (20 points) ☐ (1)

50 Ft to 99 Ft (10 points) ☐ (2)

Greater Than 100 Ft (0 points) ☒ (3)

Wellhead Protection Area :

Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☐ (1) YES (20 points) ☒ (2) NO (0 points)

Horizontal Distance to Surface Water Body

Less Than 200 Ft (20 points) ☐ (1)

200 Ft to 1000 Ft (10 points) ☒ (2)

Greater Than 1000 Ft (0 points) ☐ (3)

Name of Surface Water Body Navajo Reservoir

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only)

☒ (2) > 100'

TOTAL HAZARD RANKING SCORE: 10 **POINTS**

REMARKS

Remarks : _____

NEBU No. 34 A

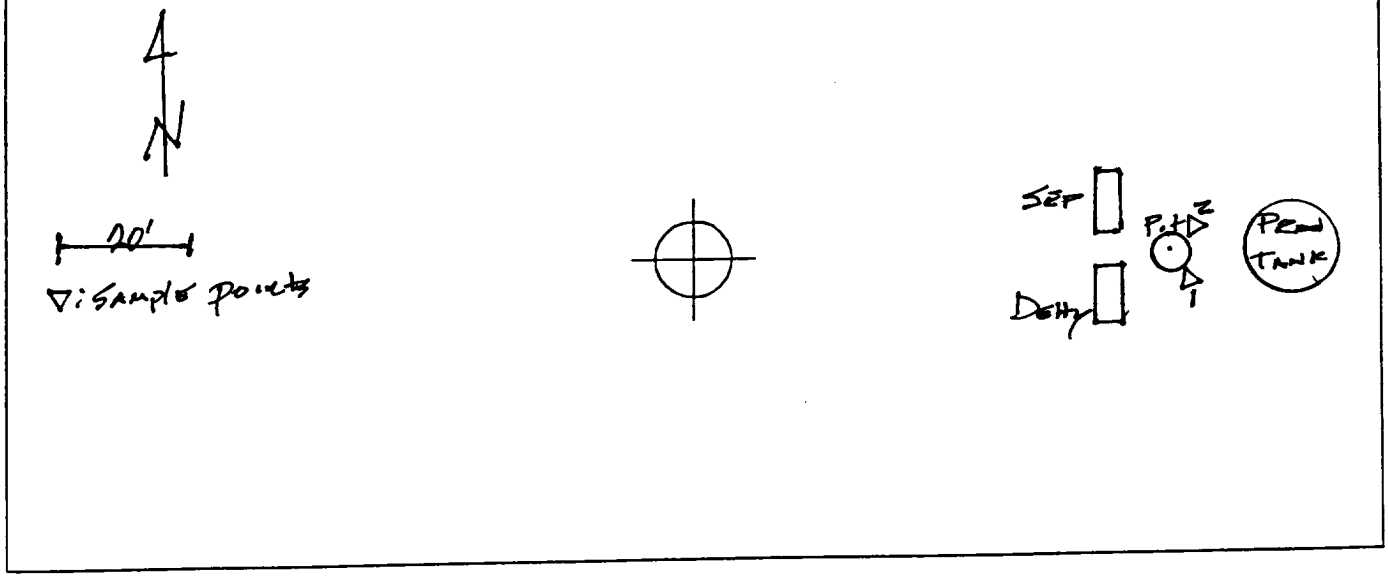
ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 90°E Footage from Wellhead 75'

Fiberglass Pit b) Length : _____ Width : _____ Depth : _____

Diameter = 8' He=4'



REMARKS

Remarks :

Soil is Brown, Slightly Moist, Silty Sand. Bedrock was encountered @ 4' on Sample Site #1 & @ 3'6" @ Sample Site #2. Some gray staining @ 3'9" of Sample #1.

Sample #1 @ 4' : OVM = 17.4 ppm

Sample #2 @ 3'6" : OVM = 3.3 ppm

TPH of Sample #1 @ 2:35 pm (418.1)

Completed By:

_____ _____

Signature Date

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:	Cimarron/Blackwood-Nichols	Project #:	
Sample ID:	@ 1435	Date Analyzed:	8-27-96
Project Location:	NEBU 24A	Date Reported:	8-27-96
Laboratory Number:	TPH #1802	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	**1,850**	**50**

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	1,420	1,344	5

*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: Cimarron - Frank McDonald

R. E. O'Neal
Analyst

J. C. Blagg
Review