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

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: Blackwood & Nichols Company Telephone: (303) 259-0728 D. Foust

DEPUTY OIL & GAS INSPECTOR

Address: P.O. Box 1237, Durango, CO 81302-1237

APR 3 1995
Approved

Facility Or: NEBU #18
Well Name

Location: Unit or Qtr/Qtr Sec H Sec 09 T 30N R 7W County Rio Arriba

Pit Type: Separator ____ Dehydrator ____ Other Separator/Dehydrator/Compressor/Tank

Land Type: BLM ____, State ____, Fee ____, Other BUREAU OF RECLAMATION

Pit Location: (Attach diagram)
Pit typical dimensions: length 10', width 10', depth 3-4'
Reference: wellhead X, other ____
Footage from reference: ____
Direction from reference: ____ Degrees 75' East North 10' 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

Reverse Page for Pit Closure Report Blackwood NEBU #18 : Sep/Dehy/Comp/Tank

Date Remediation Started: 08/17/94 **Date Completed:** 08/17/94

Remediation Method: (Check all appropriate sections) Excavation _____ Approx. cubic yards N/A

Landfarmed _____ Insitu Bioremediation _____

Other _____

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

General Description Of Remedial Action: _____

Place double lined fiberglass pit in excavation and backfill flush to tank.

Contamination limited to soils above bedrock (shale) at 7' bgs. No additional remediation effort necessary.

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 See attached diagram

Assessment following tank installation

Sample depth 3' below pit bottom (7' bgs)

Sample date 08/17/94 Sample time _____

Sample Results

Benzene (ppm) N/A

Total BTEX (ppm) N/A

Field headspace (ppm) 975

TPH 6000 mg/kg

Ground Water Sample: Yes ____ No X (If yes, attach sample results)

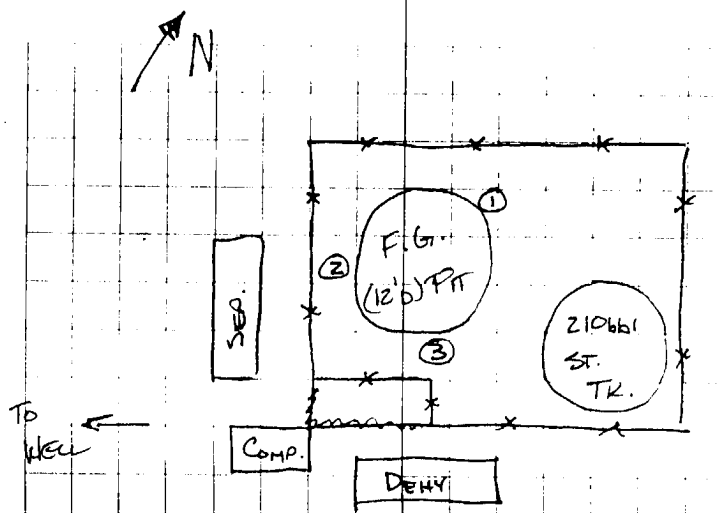
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 2-6-95

SIGNATURE James K Abbey PRINTED NAME AND TITLE Jim Abbey Operations Engineer

BLACKWOOD & NICHOLS CO. 4-1116
8/17/94 PIT ASSESSMENT & CLOSURE
NEBU No. 18 SF-079043
1650'FNL - 990'FEL, S9-T30N-R7W
RIO ARRIBA CO., NM.
SEP./DEHY/TANK PIT @ 75'E & 10'N OF WELL

FIBERGLASS PIT (12'DIA x 4') FLUSH MOUNTED BELOW GROUND SURFACE. SAMPLE 3' BELOW PIT BOTTOM.



OVM
1@ 7' 890PPM SHALE
2@ 7' 67.5PPM "
3@ 7' 975 PPM "
STOCKPILE (5PT. COMPOSITE) ND
TPH COMP:

TEST HOLE LOG: SANDY SILT & CLAY, BROWN.
SURF TO 6'

6'+ GREY SHALE / SILTSTONE.
STIFF, DIFFICULT TO
HAND AUGER.

ON SITE TECHNOLOGIES, LTD.

TOTAL PETROLEUM HYDROCARBONS

Attn:	*Michael Lane*	Date:	8/19/94
Company:	*On Site Technologies, Ltd.*	*Lab ID:*	*1854*
Address:	*657 W. Maple*	*Sample No.*	*2553*
City, State:	*Farmington, NM 87401*	*Job No.*	*4-1116*

Project Name:	***Blackwood and Nichols Co., Durango, CO***				
Project Location:	***NEBU #18 , Comb. Pit Composite @ Shale (7')***				
Sampled by:	MKL	Date:	8/17/94	Time:	13:20
Analyzed by:	DLA	Date:	8/19/94		
Type of Sample:	*Soil*				

Laboratory Analysis

Laboratory Identification	***Sample Identification***	***Total Petroleum Hydrocarbons***
2553-1854	*Blackwood and Nichols Co., Durango, CO* ***NEBU #18-9, Comb. Pit Composite @ Shale (7')***	6,000 *mg/kg*

Method - *EPA Method 418.1 Total Petroleum Hydrocarbons*

Approved by:
Date: 8/19/94

FAX: (505) 327-1496 ▪ 24 HR. – (505) 327-7105 ▪ OFF.: (505) 325-8786
3005 NORTHRIDGE DRIVE ▪ SUITE F ▪ P. O. BOX 2606 ▪ FARMINGTON, NEW MEXICO 87499