	·	Duage: Dateur 110, 1007-0133
BUREAU OF LA	AND MANAGEMENT	Expires: March 31, 1993
134		5. Lease Designation and Serial No.
No C-134 SUNDRY NOTICES	AND REPORTS ON WELLS	E-289-9
•	to deepen or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name
	PERMIT-" for such proposals	
SUBMIT IN TRIPI	ICATE	7. If Unit or CA, Agreement Designation
A.T. CHUN		Northeast Blanco Unit
1. Type of Well Oil Gas		
Well Well Other		8. Well Name and No.
2. Name of Operator		NEBU # 15A
Blackwood & Nic	hols Co., A Limited Partnership	9. API Well No.
3. Address and Telephone No .		30-039-23686
P.O. Box 1237, Du	rango, CO 81302	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey De	escription	Mesaverde
11001ENI 7001	WL Sec.02 T30N - R7W	11. County or Parish, State
1190'FNL - /90' F	WL Sec. 02 130N - R/W	Rio Arriba, NM
12. CHECK APPROPRIATE BOX(s	TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
		,
TYPE OF SUBMISSION	TYPE OF ACT	ION
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other Pit Closure Acceptance	Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
<ol> <li>Describe Proposed or Completed Operations (Clearly st directionally drilled, give subsurface locations and me</li> </ol>	ate all pertinent details, and give pertinent dates, including esting assured and true vertical depths for all markers and zones perting	nated date of starting any proposed work. If well is
, , ,	,,	,,
Blackwood & Nichols requests two pit closure	approvals on the NEBU. #15A	
Two approved below grade double-lined fibers	class containment tanks were installed in each ex-	veryated area
1 wo approved below gride dodore mied noorg	auss contaminent tanks were instance in each ca	cavatcu died.
	and monitored periodically to determine when	TPH & OVM concentrations are below closure
standards. Remediated soils will remain on le	ase.	
Attachments: NMOCD Pit Remediation Close	ire Report, Field diagram, TPH analysis (EPA N	Method 418 1) on two soil samples
	( <b></b> 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	rond (16, 1) on two son samples.
14. I hereby certify that the foregoing is true and correct		
Signed James All James	K Abbey Title Operations Engineer	Date 2-7-95
The forest of the second of th		
(This space for Federal or State office use)		<b>~</b>
Approved by	Title	Datenny S. Fourt
		DEPUTY OIL & GAS INSPECTOR
Fitle 18 U.S.C. Section 1001, makes it a crime for any person tatements or representations as to any matter within its jurisc	n knowingly and willfully to make to any department or agency liction.	of the United States any false, fictitious or fraudulent
		JUL 11 3 1995

14.500

District I P.O. Box 1980, Hobbs, NM

P.O. Drawer DD, Artesia, NM 88211

District III
1000 Rio Brazos Rd, Azlec, NM 87410

### State of New Mexico Energy, Minerals and Natural Resources Department

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

# OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

(Revised 3/9/94)

# PIT REMEDIATION AND CLOSURE REPORT

Reverse Page for Pit Closure	e Report Blackwood	d NEBU #15A: Dehy	
Date Remediation Start	:ed: 08/25/94	Date Completed:	08/25/94
Remediation Method: E	xcavation <u>x</u>	Approx. cubic yards _	4
11	andfarmed X	Insitu Bioremediation	
o	ther		
Remediation Location: (ie. landfarmed onsite, name and location of	Onsite X Offsite		
offsite facility)			
General Description Of	Remedial Action:	Excavate contaminate	ed soils in
immediate area of prio	r unlined pit using	g a backhoe. Excavat	ed to soils
below closure standard	s and bedrock refus	sal. Spoil material	thin spread for
landfarm treatment. C	losure samples take	en and tested by PID	and TPH. Place
double lined fiberglas			
double lined libergius			CO CAIIK.
<del></del>	Pit Clos	sed.	
Ground Water Encounter	ed: No X Yes	Depth	
Final Pit: Closure Sampling: (if multiple samples,	Sample location <u>See</u>	attached diagram	
attach sample results and diagram of sample	Sample depth Bedroo	ck (shale)	
locations and depths)	Sample date08/25/9	94 Sample time	
	Sample Results		
	Benzene (ppm)	N/A	
	Total BTEX (ppm)	N/A	
	Field headspace (	(ppm) <u>&gt;2500</u>	
	TPH24.0 mg/kg		
Ground Water Sample:	Yes No <u>X</u> (I	f yes, attach sample res	ults)
I HEREBY CERTIFY THAT TO OF MY KNOWLEDGE AND BEI		VE IS TRUE AND COMPL	ETE TO THE BEST
DATE 2-7-95			
SIGNATURE James K all	PRINTED NAM	E Jim Abbey Operations Engin	near

n

District I P.C. Box 1980, Hobbs, NM

<u>District\_II</u> 2.0. Drawer DD, Albera, Not 86211

District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico SUBMIT 1 COI Energy, Minerals and Natural Resources Department APPROPRIATE

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

### OIL CONSERVATION DIVISION

P.O. Box 2088

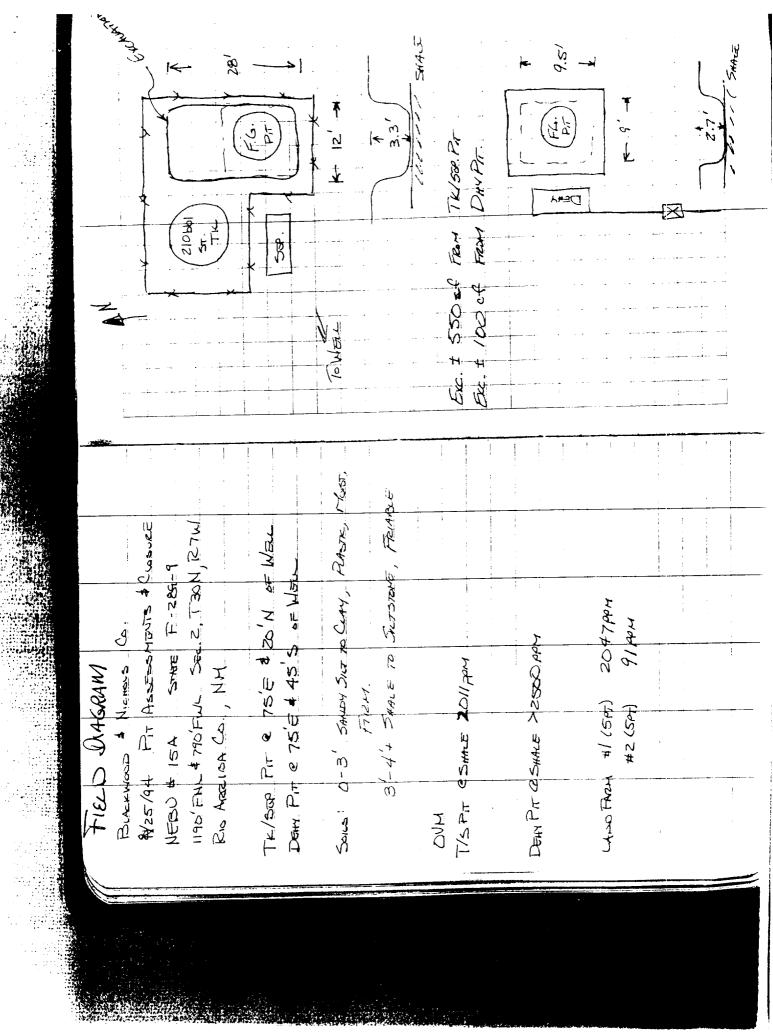
Santa Fe, New Mexico 87504-2088

(Revised 3/9/94)

# PIT REMEDIATION AND CLOSURE REPORT

Operator: Blackwood & Nichols Cempany	Telephone: (303) 247-0728
Address: P.O. Box 1237, Durango, CO	81302-1237
Facility Or: NEBU #15A Well Name	
Location: Unit or Qtr/Qtr Sec_D Sec_02	T_30N_R_7W_County_Rio_Arriba
Pit Type: Separator Dehydrator Other	r <u>Tank/Separator</u>
Land Type: BLM, State, Fee, O	therBOR
Pit Location: Pit typical dimensions: lend (Attach diagram)	gth 10', width 10', depth 3-4'
	ther
Footage from reference:	
Direction from reference:	Degrees 75' East & North 20'
	West South
Depth To Ground Water:	Less than 50 feet (20 points)
(Vertical distance from	50 feet to 99 feet (10 points)
contaminants to seasonal high water elevation of ground water)	Greater than 100 feet (0 points)0
Wellhead Protection Area:	Yes (20 points)
(Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	No (0 points) 0
Distance To Surface Water:	Less than 200 feet (20 points)
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks,	200 feet to 1000 feet (10 points)  Greater than 1000 feet (0 points)
irrigation canals and ditches)	RANKING SCORE (TOTAL POINTS):10

Reverse Page for Pit Closus	re Report Blackwoo	d NEBU #15A: Tank/Sep
Date Remediation Star		
Remediation Method:	Excavation X	Approx. cubic yards20
(Check all appropriate sections)	Landfarmed <u>X</u>	Insitu Bioremediation
	Other	
Remediation Location: (ie. landfarmed onsite, name and location of offsite facility)	Onsite X Offsite	
General Description O	f Remedial Action:	Excavate contaminated soils in
immediate area of prid	or unlined pit usin	g a backhoe. Excavated to soils
below closure standard	ds and bedrock refu	sal. Spoil material thin spread for
		en and tested by PID and TPH. Place
		n and backfill flush to tank.
Pit Closed.		
Ground water Encounter	rea: No X Yes	Depth
Final Pit: Sample location <u>See attached diagram</u> Closure Sampling: (if multiple samples,		
attach sample results and diagram of sample locations and depths)	Sample depth <u>Bedro</u>	ck (shale)
	Sample date08/25/	94 Sample time
	Sample Results	
	Benzene (ppm)	N/A
	Total BTEX (ppm)	N/A
	Field headspace	(ppm)2011
	TPH <u>29.4 mg/kg</u>	•
Ground Water Sample:	Yes No _X (	If yes, attach sample results)
I HEREBY CERTIFY THAT OF MY KNOWLEDGE AND BE	THE INFORMATION ABO	VE IS TRUE AND COMPLETE TO THE BEST
DATE		
SIGNATURE	PRINTED NAM AND TITLE	E Jim Abbey Operations Engineer





#### TOTAL PETROLEUM HYDROCARBONS

Attn:

Myke Lane

Date:

8/26/94

Company: On Site Technologies, Ltd.

Lab ID:

**FIELD** 

Address:

Sample No.

**TEST** 

City, State: Farmington, NM 87401

657 W. Maple

Job No.

4-1116

**Blackwood & Nichols Company** 

Project Name: **Project Location:** 

NEBU No. 15A Tank/Sep. Pit; Shale @ \$4'

Sampled by:

MKL

Date: Date: 8/25/94 Time:

NR

Analyzed by:

MKL Soil

8/25/94

Type of Sample:

### Mobil Laboratory Analysis

Laboratory		Total Petroleum
Identification	Sample Identification	Hydrocarbons
	Blackwood & Nichols Company	
FIELD TEST	NEBU No. 15A Tank/Sep. Pit; Shale @ \$4'	29 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons



#### TOTAL PETROLEUM HYDROCARBONS

Attn:

Myke Lane

Date:

8/26/94

Company: On Site Technologies, Ltd.

Lab ID:

**FIELD** 

Address:

657 W. Maple

Sample No.

**TEST** 

City, State: Farmington, NM 87401

Job No.

4-1116

Project Name:

Blackwood & Nichols Company

**Project Location:** 

NEBU No. 15A Dehy. Pit; Shale @ 4'

Sampled by:

MKL **MKL** 

Date: Date:

8/25/94 Time:

NR

Analyzed by: Type of Sample:

Soil

8/25/94

## Mobil Laboratory Analysis

Laboratory		Total Petroleum
Identification	Sample Identification	Hydrocarbons
	Blackwood & Nichols Company	
FIELD TEST	NEBU No. 15A Dehy. Pit; Shale @ 4'	24 <i>mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by:

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