

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

3004521228

6. If Indian, Allottee or Tribe Name

NAVAJO

I 149 IND 7971

7. If Unit or CA, Agreement Designation

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

3. Address and Telephone No.

200 Amoco Court, Farmington, N.M. 87401 Tel: (505) 326-9200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1785' FNL. 1850' FEL. SEC. 29, T 26N, R 11W NMPM  
G

8. Well Name and No.

GALLEGOS #1

9. API Well No.

3004521228

10. Field and Pool, or Exploratory Area

DAKOTA

11. County or Parish, State

SAN JUAN, N.M.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Pit closure
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Pit closure verification - see attached documentation.

SEPARATOR / DEHYDRATOR PIT - ABANDONED.

Denny E. Foust  
DEPUTY OIL & GAS INSPECTOR

JUL 11 8 1996

Approved

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APR 11 1995  
OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

B. Shaw

Title

Enviro. Coordinator

Date

3-17-95

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

### 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**

**Operator:** Amoco Production Company **Telephone:** (505) - 326-9200

**Address:** 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: GALLEGOS # 1  
Well Name \_\_\_\_\_

Location: Unit or Qtr/Qtr Sec G Sec 29 T26 N R 11 W County SAN JUAN

**Pit Type:** Separator ☒ Dehydrator ☒ Other

**Land Type:** BLM , State , Fee , Other NAVAJO

Pit Location: Pit dimensions: length 100', width 20', depth 8'  
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 90

Direction from reference: 0 Degrees      East North X  
  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) 20

**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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Yes (20 points)  
No (0 points) ☐

**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)

**RANKING SCORE (TOTAL POINTS):** 20

Date Remediation Started: \_\_\_\_\_ Date Completed: 3-6-95

Remediation Method: Excavation X Approx. cubic yards 800  
 (Check all appropriate sections) Landfarmed X Insitu Bioremediation \_\_\_\_\_  
 Other \_\_\_\_\_

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

General Description Of Remedial Action: \_\_\_\_\_

Excavation

Ground Water Encountered: No \_\_\_\_\_ Yes X Depth 8'

Final Pit: Sample location see Attached Documents  
 Closure Sampling: \_\_\_\_\_  
 (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 8'

Sample date 3-6-95 Sample time \_\_\_\_\_

#### Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX(ppm) \_\_\_\_\_

Field headspace(ppm) 45

TPH 20 ppm

Ground Water Sample: Yes X No \_\_\_\_\_ (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 3-17-95

SIGNATURE B. Shaw

PRINTED NAME  
AND TITLE

Buddy D. Shaw  
ENVIRONMENTAL COORDINATOR

NAVAJO

CLIENT: <u>Amoco</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80240</u> C.O.C. NO: <u>2634</u>
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## FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: <u>GALLEGOS</u>	WELL #: <u>1</u>	PIT: <u>SEP/DEPT.</u>	DATE STARTED: <u>3-6-95</u>
QUAD/UNIT: <u>G</u> SEC: <u>29</u> TWP: <u>26N</u> RNG: <u>11 W</u> BM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u>			DATE FINISHED: _____
SW/NE QTR/FOOTAGE: <u>1785 FNL, 1850 FEL</u>	CONTRACTOR: <u>MOSS</u>		ENVIRONMENTAL SPECIALIST: <u>PLO</u>

EXCAVATION APPROX. 20 FT. x 100 FT. x 8 FT. DEEP. CUBIC YARDS: ~ 800  
DISPOSAL FACILITY: ON SITE REMEDIATION METHOD: LANDFARM  
LAND USE: RANGE LEASE: 3004521228 FORMATION:

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 90 FEET NORTH FROM WELLHEAD.  
DEPTH TO GROUNDWATER: 8' NEAREST WATER SOURCE: >100' NEAREST SURFACE WATER: >100'  
NMOC Ranking Score: 20 NMOC TPH Closure Std: 100 PPM

SOIL AND EXCAVATION DESCRIPTION: PIT DISPOSITION: ABANDONED

WELL ABANDONED: EXCAVATED TO GROUNDWATER - LARGE EXCAVATION ENCOMPASSING TWO ABANDONED PITS, WATER SEEPING FROM SIDEWALLS, - EXCAVATION ENCOMPASSES BOTH. GRAY STAINING EVIDENT 1-2 FEET ABOVE WATER, - NO ODOR. SAMPLES OBTAINED FROM STAINED AREA.

(PIT IN AREA OF PRODUCTION + SEPARATE PLTS ASSESSED IN 5/93.)

FIELD 418.1 CALCULATIONS

FIELD 418.1 CALCULATIONS						
SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
SWS-8'	1410	10.0	20.0	-	10	20

CLOSED

SCALE

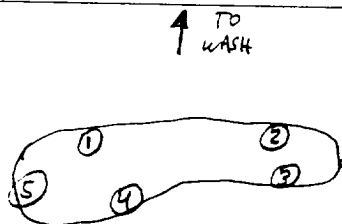


0 20 40 FT

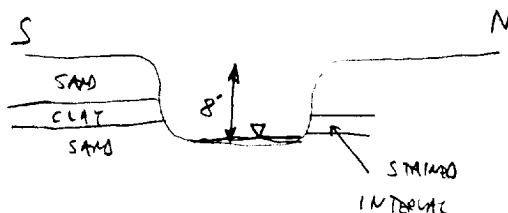
PIT PERIMETER

## OVM RESULTS

PIT PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 NWS - 7'	0
2 NES - 7'	0
3 SES - 7'	2
4 SWS - 8'	45
5 WS - 8'	0
LAB	SAMPLES
PIT water @ 8'	BTEX - ok



TRAVEL NOTES:

CALLOUT: 3-6-95

ONSITE:

3-6.95

1300

**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:	Amoco	Project #:	
Sample ID:	SW Side @ 8'	Date Analyzed:	3-6-95
Project Location:	Gallegos 1	Date Reported:	3-6-95
Laboratory Number:	TPH-1410	Sample Matrix:	Soil

Parameter -----	Result, mg/kg -----	Detection Limit, mg/kg -----
Total Recoverable Petroleum Hydrocarbons	20	10

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg -----	Duplicate TPH mg/kg -----	% *Diff. -----
	3,000	3,182	6

\*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: Separator/Dehydrator Pit - B0240

R. E. O'Neill  
Analyst

\_\_\_\_\_  
Review

OFF: (505) 325-8786



LAB: (505) 325-5667

**AROMATIC VOLATILE ORGANICS**

Attn: *R. E. O'Neill*  
Company: *Blagg Engineering*  
Address: *P.O. Box 87*  
City, State: *Bloomfield, NM 87413*

Date: *3/8/95*  
Lab ID: *2634*  
Sample ID: *5411*  
Job No. *2-1000*

Project Name: *Gallegos #1*  
Project Location: *Pit Water @ 8'*  
Sampled by: *REO* Date: *3/6/95*  
Analyzed by: *DLA* Date: *3/8/95*  
Sample Matrix: *Water*

Time: *13:25*

**Aromatic Volatile Organics**

<b>Component</b>	<b>Measured Concentration ug/L</b>	<b>Detection Limit Concentration ug/L</b>
<i>Benzene</i>	ND	0.2
<i>Toluene</i>	0.7	0.2
<i>Ethylbenzene</i>	ND	0.2
<i>m,p-Xylene</i>	4.8	0.2
<i>o-Xylene</i>	1.1	0.2
	<b>TOTAL 6.6 ug/L</b>	

*ND - Not Detectable*

**Method** - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *DLA*  
Date: *3/8/95*

P. O. BOX 2606 • FARMINGTON, NM 87499

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