

80729

District I
P.O. Box 1910, 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

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: Gen # 193E
Well Name _____
Location: Unit or Qtr/Qtr Sec M Sec 30 T 28N R 12W County SAN JUAN
Pit Type: Separator ABANDONED Dehydrator ☒ Other _____
Land Type: BLM ☒ State _____ Fee _____ Other _____

Pit Location: Pit dimensions: length NA, width NA, depth NA
(attach diagram) Reference: wellhead ☒, other _____
Footage from reference: 126'
Direction from reference: 21 Degrees _____ East North ☒
of _____
☒ 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 Greater than 100 feet (0 Points) 0
high water elevation of
ground water)

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points) 0
domestic water source, or; less than
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)
horizontal distance to perennial 200 feet to 1000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 0
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 3/27/00Remediation Method: Excavation ☒ Approx. cubic yards NA
(check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____

Other _____

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

General Description Of Remedial Action: _____

Excavation. TEST HOLE ADVANCED. SUBSURFACE EXPOSED BEDROCK @ 4'
BELOW GRADE. SAMPLE COLLECTED FROM BEDROCK, THEREFORE NO TPH
ANALYSIS WAS CONDUCTED. RISK ASSESSED.Ground Water Encountered: No ☒ Yes _____ Depth _____Final Pit:
Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)Sample location see Attached DocumentsSample depth 4' (TEST HOLE BOTTOM)Sample date 3/27/00 Sample time 1000

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) 587TPH NAGround Water Sample: Yes _____ No ☒ (If yes, attach sample results)I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST
OF MY KNOWLEDGE AND BELIEFDATE 3/27/00

SIGNATURE

B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
Environmental Coordinator

CLIENT: AMOCO		BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: 80729 C.D.C. NO:																																																																																																
FIELD REPORT: CLOSURE VERIFICATION			PAGE No: 1 of 1																																																																																																
LOCATION NAME: Gen WELL #: 193E PIT: AGAN DEHY		DATE STARTED: 3/27/00 DATE FINISHED:																																																																																																	
QUAD/UNIT: M SEC: 30 TWP: 28N RNG: 12W PM: NW CNTY: SJ ST: NM		ENVIRONMENTAL SPECIALIST: NV																																																																																																	
QTR/FOOTAGE: 830'S / 970' W SWSW CONTRACTOR: FLINT																																																																																																			
EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA																																																																																																			
DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS IS																																																																																																			
LAND USE: RANGE LEASE: FORMATION: DK																																																																																																			
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 126 FT. N21W FROM WELLHEAD																																																																																																			
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'																																																																																																			
NMOC RANKING SCORE: 0 NMOC TPH CLOSURE STD: 5000 PPM		CHECK ONE: <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED <input type="checkbox"/> FIBERGLASS TANK INSTALLED																																																																																																	
SOIL AND EXCAVATION DESCRIPTION:		OVM CALIB READ: 52.5 ppm TIME: 7:50 am/pm																																																																																																	
<p>PALE TO MOD. YEVL. BROWN SAND NON COHESIVE SLIGHTLY MOIST, FIRM, NO APPARENT DISCOLORATION OBSERVED, HC ODOR DETECTED @ BEDROCK SURFACE - RECOMMEND BACKFILLING.</p> <div style="margin-top: 20px;">SCALE 0 FT</div> <div style="float: left; width: 20%;">BEDROCK ((BOTTOM APPROX. 4' BG5</div> <div style="float: right; width: 20%; border: 1px solid black; padding: 5px; border-radius: 10px;">RISK ASSESSED</div> <div style="clear: both;"></div> <table border="1" style="width: 100%; margin-top: 10px;"><caption>FIELD 418.1 CALCULATIONS</caption><thead><tr><th>TIME</th><th>SAMPLE I.D.</th><th>LAB No:</th><th>WEIGHT (g)</th><th>mL FREON</th><th>DILUTION</th><th>READING</th><th>CALC. ppm</th></tr></thead><tbody><tr><td>1000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table> <div style="display: flex; justify-content: space-between; margin-top: 20px;"><div style="width: 45%;"><p align="center">PIT PERIMETER</p><p>↑ UP SLOPE</p><p>PIT DEPRESS. APPROX. 3' BG5 →</p><p>TEST HOLE APPROX. 1' BELOW PIT DEPRESSION ↓</p><p>↓ SURFACE ↘ TO WELL HEAD</p></div><div style="width: 50%;"><p align="center">OVM RESULTS</p><table border="1" style="width: 100%;"><thead><tr><th>SAMPLE ID</th><th>FIELD HEADSPACE PID (ppm)</th></tr></thead><tbody><tr><td>1 @ 4'</td><td>587</td></tr><tr><td>2 @</td><td></td></tr><tr><td>3 @</td><td></td></tr><tr><td>4 @</td><td></td></tr><tr><td>5 @</td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></tbody></table><p align="right">NOT APPLICABLE</p><p align="center">LAB SAMPLES</p><table border="1" style="width: 100%;"><thead><tr><th>SAMPLE ID</th><th>ANA.YSIS</th><th>TIME</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table></div></div> <div style="margin-top: 20px;">TRAVEL NOTES: CALLOUT: 3/24/00 - AFTER ONSITE: 3/27/00 - MORNING 9:40</div>				TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm	1000																																SAMPLE ID	FIELD HEADSPACE PID (ppm)	1 @ 4'	587	2 @		3 @		4 @		5 @																						SAMPLE ID	ANA.YSIS	TIME																					
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Well Name:

Well Site location:

Pit Type:

Producing Formation:

Pit Category:

Horizontal Distance to Surface Water:

Vicinity Groundwater Depth:

GCU #193E

Unit M, Sec. 30, T28N, R12W

Dehydrator Pit

Basin Dakota

Non Vulnerable

> 1000 ft.

> 100 ft.

RISK ASSESSMENT (non-vulnerable area)

Pit remediation activities were terminated when trackhoe encountered competent sandstone at 4 feet below grade.

No past or future threat to surface water or groundwater is likely based on the following considerations:

1. Groundwater levels located on or close to the well pad are estimated to be at a much greater depth below shallow sandstone bedrock.
2. Topographic information does not indicate off site lateral fluid migration near the earthen pit.
3. Daily discharge into the earthen pit has been terminated (pit abandoned). Prior discharge into the pit is believed to be under 5 barrels per day.
4. Well site located within the **non-vulnerable area** and is approximately 0.97 miles west northwest of the nearest vulnerable area boundary (Gallegos Canyon wash).

(Refer to Farmington South Quadrangle, New Mexico - San Juan County, 7.5 Minute Series (Topographic), Provisional edition, 1979, (vulnerable area boundary developed by Mr. William C. Olson, Hydrogeologist, Environmental Bureau, New Mexico Oil Conservation Division).

Based upon the information given, we conclude that the subsurface lateral impact from the earthen pit is very limited and that the sandstone bottom creates enough of a impermeable barrier as to subdue impact to groundwater below it (please refer to AMOCO's report "Post Excavation Pit Closure Investigation Summary, July, 1995", with cover letter dated November 30, 1995). BP AMOCO therefore request pit closure approval on this location