PO Box 1980, Hobbs, NM

State of New Mexico Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO

DISTRICTION OF AND STATE OF THE PORT OF THE PROPERTY OF A GAS INSPECTOR 1000 Rio Brazos Rd, Azzoc, NM \$7410

FUAN 113

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

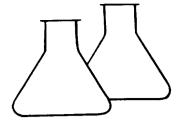
SANTA FE OFFICE

00.01	PIT REMEDIATION	I AND CLOSURE	REPORT
A W. OVEVI	÷	•	•
- <i>* </i>	•		f.

Operator: Amoco Production Company	Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmingto	n, New Mexico 87401
Pacility Or: JC Gordon D SE Well Name	
Location: Unit or Qtr/Qtr Sec K s	
Pit Type: Separator Dehydrator	other blow production
Land Type: BLM, State, Fee	_, Other
(Attach diagram) Reference: wellhead v Footage from reference	
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)
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) <u>O</u>
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)
ii	RANKING SCORE (TOTAL POINTS): \underline{C}

Date Remediation Started: Remediation Nethod: Concert and Secretary Conservation Check all appropriate sections) Cher Check all appropriate Sections Cother Cother Consider of Coffsite Insitu Bioremediation Other Cother Consider of Coffsite Coffsite Coffsite Coffsite Coffsite Sections Coffsite Facility) General Description of Remedial Action: Excavation Consider of Coffsite Coffsite Coffsite Coffsite Coffsite Section Coffsite C	_	
Approx. cubic yards 10 Consections) Landfarmed Insitu Bioremediation Other Consite Offsite Landfarmed Offsite Landfarmed Offsite Consite Offsite Consite Offsite Considering Offsite Consider		
Compared Consider	/ cuecy arr abbrobiles	Approx. Cubic vards
Consider The Action of Consider Conside	sections)	
General Description of Remedial Action: Excavation Excavation Excavation Should Water Encountered: No Yes Depth		Other
General Description of Remedial Action: Excavation Excavation Excavation Sound Water Encountered: No Yes Depth		
General Description of Remedial Action: Excavation Excavation Excavation Sound Water Encountered: No Yes Depth	(ie. landfarmed onsite	onsite offsite
Excavation Ground Water Encountered: No Yes Depth	name and location of offsite facility)	
Ground Water Encountered: No Yes Depth	General Description	Of Remedial Action:
Sample location see Attached Documents	Excavati	on
Sample location see Attached Documents Final Pit: Closure Sampling: if multiple samples, ttach sample results and diagram of sample ocations and depths) Sample depth 7' Sample date 6/23/94 Sample time 955 Sample Results Benzene(ppm) Total BTEX(ppm) Field headspace(ppm) 15 TPH 1700 pm Found Water Sample: Yes No (If yes, attach sample results) HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST MY KNOWLEDGE AND BELIEF		
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Sample focation See Attached Documents Sample samples, stach sample results Sample date 6/23/94 Sample time 455 Sample Results Sample Results Benzene(ppm) Total BTEX(ppm) Field headspace(ppm) 15 TPH 1700 pm Found Water Sample: Yes No (If yes, attach sample results) HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST MY KNOWLEDGE AND BELIEF		Yes Depth
Sample depth 7' Sample date 6/23/94 Sample time 955 Sample Results Benzene(ppm) Total BTEX(ppm) Field headspace(ppm) 15 TPH 1700 pm Found Water Sample: Yes No (If yes, attach sample results) HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST ATE 6/74/94	Closure Sampling: if multiple samples	Sample location see Attached Documents
Sample date 6/23/44 Sample time 955 Sample Results Benzene(ppm) Total BTEX(ppm) Field headspace(ppm) 15 TPH 1700 pm Found Water Sample: Yes No (If yes, attach sample results) HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST ATE 6/74/94	nd diagram of sample	
Sample Results Benzene(ppm) Total BTEX(ppm) Field headspace(ppm) 15 TPH 1700 pm Found Water Sample: Yes No (If yes, attach sample results) HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST MY KNOWLEDGE AND BELIEF		Sample date 6/23/94 Sample time 955
Total BTEX(ppm) Field headspace(ppm) 15 TPH 1700 pm round Water Sample: Yes No (If yes, attach sample results) HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST MY KNOWLEDGE AND BELIEF		
Field headspace(ppm) 15 TPH 1700 pm round Water Sample: Yes No (If yes, attach sample results) HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST MY KNOWLEDGE AND BELIEF		Benzene(ppm)
TPH 1700 pm round Water Sample: Yes No (If yes, attach sample results) HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST THE 6/74/94		Total BTEX(ppm)
TPH 1700 pm round water sample: Yes No (If yes, attach sample results) HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST MY KNOWLEDGE AND BELIEF		Field headspace(ppm) 15
HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST ATE 6/74/94		TPH 1700 pm
ATE 6/74/94 .	round Water Sample:	Yes No (If yes, attach sample results)
TE 6/74/94 .		
GNATURE BAShaw PRINTED NAME Buddy D. Shaw and TITLE Environmental Coordinator		SELLER TO THE BEST
- SOLGINAISK		2W AND TITLE ENVIRONMENTAL COOLING
		TORAINAIR CORAINAIR

its copied to Johnny 7/6/94 ENVIROTECH PIT NO A 0068 CLIENTE AMOCO 5796 US HWY. 64, FARMINGTON, NM 87401 CLE.C. NO. 3769
(505) 632-0615 FIELD REPORT: CLOSURE VERIFICATION PAGE No: LOCATION: NAME: JE Gordon D WELL #: 5E PIT: blow/prod, DATE STARTED: DATE FINISHED: _ QUAD/UNIT: K SEC: 24 TWP: 27N RNG: 10W BM: NM CNTY: ST ST:NM CONTRACTOR: EPC QTR/FOOTAGE: NE/4 SW/4 SOIL REMEDIATION: EXCAVATION APPROX. 5 FT. x 7 FT. x 7 FT. x 7 FT. x 7 FT. x 10 _ LEASE: <u>SF-0779</u>S2 LAND USE: ____ (angl FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 15 FEET NOTE FROM WELLHEAD DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000 NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 27M SOIL AND EXCAVATION DESCRIPTION: sample 2 = moist; yellow brown sound + silt, chosive (collected below prod. line) surples 1,3,4,5 = dry, light yellows brown sond, slightly cohesive no surface stammer noor was evident FIELD 418.1 CALCULATIONS WEIGHT (g) | mL. FREON DILUTION | READING | CALC. ppm SAMPLE I.D. LAB No: SCALE FEET OVM RESULTS SAMPLE FIELD HEADSPACE 6/22194 TRAVEL NOTES 6/23/94



ENVIROTECH LABS

5796 US Highway 64-3014 • Farmington, New Mexico 87401 Phone: (505) 632-0615 • Fax: (505) 632-1865

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client: Sample ID:	Amoco 5 @ 7'	Project #: Date Sampled:	92140 06-23-94
Laboratory Number:	7654	Date Received:	06-23-94
Sample Matrix:	Soil	Date Analyzed:	06-26-94
Preservative:	Cool	Date Reported:	06-30-94
Condition:	Cool and Intact	Analysis Needed:	TPH

Parameter	Concentration (mg/kg)	Limit (mg/kg)
Total Petroleum Hydrocarbons	1700	30.0

ND = Parameter not detected at the stated detection limit. N/A = Not applicable

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and

Waste, USEPA Storet No.4551, 1978

Comments: JC Gordon D 5E Blow/Prod Pit A0068

Robert M Grang

Review James

District I
PO Box 1980, Hobes, NM
D: Strict II
PO. Drawer DD, Arless, NM 85211
District III
1000 Rio Brazos Rd, Azzec, 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

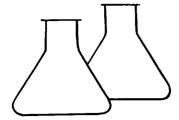
Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

A0068 _____ Telephone: (505) - 326-9200 Amoco Production Company Operator: 200 Amoco Court, Farmington, New Mexico 87401 Facility Or: JC Gordon D SE Well Name Location: Unit or Qtr/Qtr Sec K sec ZY T 27NR 10W county San Juan Pit Type: Separator / Dehydrator Other Land Type: BLM /, State ___, Fee ___, Other_ Pit Location: Pit dimensions: length 15', width 15', depth 14' (Attach diagram) Reference: wellhead $\sqrt{\ }$, other Footage from reference: 130 Direction from reference: 10 Degrees East North West South V Less than 50 feet (20 points) Depth To Ground Water: 50 feet to 99 feet (10 points) (Vertical distance from Greater than 100 feet (0 Points) O contaminants to seasonal high water elevation of ground water) Wellhead Protection Area: Yes (20 points) No (0 points) O (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources) Less than 200 feet (20 points) Distance To Surface Water: (Horizontal distance to perennial 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points) $\overline{\mathcal{O}}$ lakes, ponds, rivers, streams, creeks, irrigation canals and ditches) 0 RANKING SCORE (TOTAL POINTS):

demediation Metho Check all appropriate ections)	Date Completed: 6/23/94 ed: Excavation Approx. cubic yards 117 Landfarmed Insitu Bioremediation
	Insitu Bioremediation
	Other
Remediation Locat: (ie. landfarmed onsit name and location of offsite facility)	ion: Onsite / Offsite
General Descriptio	on Of Remedial Action:
Excavat	
	·
round Water Encou	ntered: We
	ntered: No Yes Depth
Final Pit: Closure Sampling: (if multiple samples, attach sample results	Sample location see Attached Documents
nd diagram of sample ocations and depths)	Sample depth 14'
and depens)	Sample date $\frac{6/23/94}{9}$ Sample time $\frac{1005}{9}$
	Sample Results
	Benzene(ppm)
	Total BTEX(ppm)
	Field headspace(ppm) 50
	TPH 105 pm
ound Water Sample:	: Yes No (If yes, attach sample results)
	(II yes, attach sample results)
HEREBY CERTIFY THA MY KNOWLEDGE AND	AT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST
/ i	
re 6/24/94	and TITLE Environmental Coordinator

copied to Johnny 7/6/94 CLIENT AMOCO PIT NO. 40068 . C.E.C. NO. 3769 5796 US HWY 64, FARMINGTON, NM 87401 (505) 632-0615 JOB No: 92140 FIELD REPORT: CLOSURE VERIFICATION PAGE No: ______ DATE STARTED: 60 LOCATION: NAME: JC Gordon D WELL #: 5E PIT: SeD. DATE FINISHED: 16/23 44 QUAD/UNIT: K SEC: 24 TWP: 27N RNG: 10W BM: NM CNTY: ST ST: NM ENVIRONMENTAL SPECIALIST: OTR/FOOTAGE: NE/4 SW/4 CONTRACTOR: EPC SOIL REMEDIATION: EXCAVATION APPROX. 15 FT. x 15 FT. x 14 FT. DEEP. DISPOSAL FACILITY: landfarmed on-site ____CUBIC YARDAGE: /\7 LAND USE: Congl FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 130 FEET 510 F FROM WELLHEAD. DEPTH TO GROUNDWATER: 7/00 NEAREST WATER SOURCE: 7/000 NEAREST SURFACE WATER: 7/000 NMBCD RANKING SCORE: O NMBCD TPH CLOSURE STD: 5000 FOM SAIL AND EXCAVATION DESCRIPTION: light yellow brown sand, moist, cohesive FIELD 418.1 CALCULATIONS LAB No: WEIGHT (g) mL. FREON DILUTION READING CALC. ppm SAMPLE I.D. SCALE FEET OVM PIT PERIMETER **RESULTS** SAMPLE FIELD HEADSPACE ID PID (ppm) 6 SAME Be 14' Gr TPH/418.1 TRAVEL NOTES 6/22/94 6/23/94



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Amoco	Project #:	92140
Sample ID:	5 @ 14'	Date Sampled:	06-23-94
Laboratory Number:	7655	Date Received:	06-23-94
Sample Matrix:	Soil	Date Analyzed:	06-26-94
Preservative:	Cool	Date Reported:	06-30-94
Condition:	Cool and Intact	Analysis Needed:	TPH

	Concentration	Det. Limit
Parameter	(mg/kg)	(mg/kg)
Total Petroleum Hydrocarbons	105	30.0

ND = Parameter not detected at the stated detection limit. N/A = Not applicable

Method:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: JC Gordon D 5E Separator Pit A0068