SUBMIT 1 COPY

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

P.O. Drawer DD, Artesia, NM 89214.

District III

1000 Rio Brazos Rd, Artec, NM 87410

State of New Mexico

TO

TO

Energy, Minerals and Natural Resources APPROPRIAGE

Department

DEPUTY OIL & CASINGPECTOR

OCI OFFICE 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: Conoco, Inc | Telephone: 915-686-5453 |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Address: 10 Destra Drive, Suite 100W, | Midland, TX 79705-4500 |
| Facility Or: 28-7 # 202 Pit # 1 Well Name | |
| Location: Unit or Qtr/Qtr I _Sec 8 | T27N R7W County San Juan |
| Pit Type: Separator_X DehydratorC | Other |
| Land Type: BLM X , State , Fee , | Other |
| <pre>Pit Location: Pit dimensions: length (Attach diagram)</pre> | 8', width 4', depth 5' |
| Reference: wellhead X | , other, |
| Footage from reference: | 33' , |
| Direction 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) 10 , |
| 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) |
| 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): 10 . |

District OUT 0 1 1997 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)

JANOCE PIT REMEDIATION AND CLOSURE REPORT

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| 1 A | | | |
| Operator: Conoco | , Inc | Telephone: 9 | 15-686-5453 |
| | · · · · · · · · · · · · · · · · · · · | | |
| Address: 10 Des | tra Drive, Suite 100W, | Midland TV 70705 | _4500 |
| | tra brive, burte 100W, | Midiand, IX 79703 | -4500 |
| Facility One 20 | 7 # 202 5:+ # 1 | | The second second second second |
| | 7 # 202 Pit # 1 | | page quant terre and the second secon |
| Well Name | | | |
| | | | - a feel for |
| Location: Unit or | gtr/Qtr <u>W</u> Sec <u>5</u> <u>T27</u> | N R7W County San Juan | DEGELVED |
| | | • | |
| Pit Type: Separat | or <u>X</u> Dehydrator Other | | IN 1 1 1007 |
| t | <u> </u> | | 1111 101 3 1 1001 |
| Land Type: BIM V | State For Oth | | LAST STATE |
| hand type. BLM_A | , State, Fee, Othe | ər | COM COM |
| | | | OUTS OF S |
| | | | Udba- |
| Pit Location: Pi | it dimensions: length <u>8′</u> | , width <u>4'</u> , depth _ | <u>5 ′</u> |
| (Attach diagram) | | | |
| Re | eference: wellhead X ot | her | |
| | | | |
| · Fo | ootage from reference <u>: 33</u> | <u>'</u> | |
| | | | |
| Di | rection from reference: <u>22</u> | DegreesXEast | North X |
| | | | of |
| | | w | est South |
| | | | |
| | | | |
| | | | |
| Depth To Ground W | Vater: | Less than 50 feet | (20 points) |
| (Vertical distance fr | | 50 feet to 99 feet | · • |
| contaminants to seaso | onal | Greater than 100 feet | |
| high water elevation | | | |
| | of | | (U points) |
| ground water) | of | 10 | (U points) |
| ground water) | of | | (U points) |
| ground water) | of | | (U points) |
| | | 10 | |
| Wellhead Protecti | on Area: | 10 | Yes (20 points) |
| Wellhead Protecti (Less than 200 feet f | .on Area: rom a private | 10 | |
| Wellhead Protecti (Less than 200 feet f domestic water source | on Area: from a private o. or: less than | 10 | Yes (20 points) |
| Wellhead Protecti (Less than 200 feet f | on Area: from a private o. or: less than | 10 | Yes (20 points) |
| Wellhead Protecti (Less than 200 feet f domestic water source | on Area: from a private o. or: less than | 10 | Yes (20 points) |
| Wellhead Protecti (Less than 200 feet f domestic water source 1000 feet from all ot | on Area: rom a private , or: less than her water sources) | 0 | Yes (20 points) |
| Wellhead Protecti (Less than 200 feet f domestic water source 1000 feet from all ot Distance To Surfa | on Area: irom a private c. or: less than ther water sources) | | Yes (20 points) |
| Wellhead Protecti (Less than 200 feet f domestic water source 1000 feet from all ot Distance To Surfa (Horizontal distance | on Area: irom a private c. or; less than ther water sources) ce Water: to perennial | | Yes (20 points) No (0 points) (20 points) (10 points) |
| Wellhead Protecti (Less than 200 feet f domestic water source 1000 feet from all ot Distance To Surfa (Horizontal distance lakes, ponds, rivers. | con Area: from a private from a priv | | Yes (20 points) No (0 points) (20 points) (10 points) |
| Wellhead Protecti (Less than 200 feet f domestic water source 1000 feet from all ot Distance To Surfa (Horizontal distance | con Area: from a private from a priv | | Yes (20 points) No (0 points) (20 points) (10 points) |
| Wellhead Protecti (Less than 200 feet f domestic water source 1000 feet from all ot Distance To Surfa (Horizontal distance lakes, ponds, rivers. | con Area: from a private from a priv | | Yes (20 points) No (0 points) (20 points) (10 points) (0 points) |

| Data Baradiation Charle | |
|--------------------------------------------------------------------|-------------------------------------------------------------------|
| Date Remediation Start | ced: |
| Remediation Method: E | Excavation Approx. cubic yards |
| | ndfarmed Insitu Bioreediation |
| c | ther <u>Natural attenuation</u> |
| | |
| | |
| Remediation Location: (ie. landfarmed onsite, name and location of | Onsite X Offsite |
| offsite facility) | |
| General Description Of | Remedial Action: Pit sampled by Conoco on 7-16-9. |
| Conoco's sampler encou | ntered bedrock at six inches below bottom of the |
| pit.Sample headspace r | eading using PID =41.83 ppm, Lab results of sample |
| for TPH using EPA Meth | od 418.1 were 478 ppm. Contamination is below |
| NMOCD soil action leve | ls for Volatile Organics of 100 ppm and TPH of 1000 |
| ppm. Pit closed by bac | kfilling during P&A and site rehabilitation. |
| pp III olobed by buc | willing during ran and site renabilitation. |
| Ground Water Encounter | ed: No X Yes Depth |
| | |
| Final Pit: | Sample location: Samples take at center and NE corner of pit |
| Closure Sampling: | |
| (if multiple samples, | |
| attach sample results | |
| and diagram of sample locations and depths) | Sample depth <u>Six inches below bottom of the pit at bedrock</u> |
| recarrens and depuns, | Sample date 7-16-1996 Sample time 1340 hours |
| | Sample Results |
| | Benzene (ppm) |
| | Total BTEX (ppm) |
| | Field headspace (ppm) 41.83 |
| | TPH478 |
| Ground Water Sample: | Yes No <u>X</u> (If yes, attach sample results) |
| I HEREBY CERTIFY THAT T OF MY KNOWLEDGE AND BEI DATE | _ |
| SIGNATURE CAL () | PRINTED NAME CALL I. COY AND TITLE F.ELD SHEAR SIEC |
| SIGNATURE (and y long | AND TITLE FIELD SHEAR SIEC |
| , , | 1 |

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

| WELL LOCATION: DATE STARTED: | SJ 28-7 # 202 g 8 T 27 R 7 UNIT W 7/14/96 DATE COMPLETED: |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Unknown Pi+ 2 ** ** ** ** ** ** ** ** ** | * |
| Unknown Pit 1 | Pit Clean - No stains () - Sampled TPH C b" Whand tugar OUN; 41.83 W Conrector |
| | . 74° = sample 2) · sample TPH Cb" w/ hand Augar · pt clean. No stains · OWN: 59.22 W collection 279° |
| X = denotes | sample point |

⁰ SOIL SAMPLE LOCATION

A BACKGROUND SAMPLE LOCATION

TOTAL PETROLEUM HYDROCARBONS FDA METHOD 418.1

Client: Conoc Project: Not Giv Matrix: Soil Condition: Intact/C 202 pit 1

| Date Reported: | 07/26/ 96 |
|-----------------|------------------|
| Date Sampled: | 07/17/ 96 |
| Date Received: | 07/17/96 |
| Date Extracted: | 07/19/96 |
| Date Analyzed: | 07/19/96 |

| | LAUTU | result | CATIR. |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| : Benefit () and sucker against grade grade and analysis of | and of the second secon | The state of the s | tities and was |
| 28-7 #72 A - LF | 0396G01350 | 822 | 20.0 |
| 28-7 #72 - LF | 0396G01351 | 94.9 | 19 .9 |
| 28-7 #167 Pit 1 | 0396G01352 | 20,700 | 1002 |
| 28-7 #167 Pit 2 | 0396G01353 | 29,700 | 1002 |
| 28-7 #167 Pit 3 | 0396G01354 | 82.1 | 19.9 |
| 28-7 #202 Pit 2 | 0396G01355 | 44.3 | 20.0 |
| 78_7 #202 PH 1 | 0396601356 | 478 | 20.0 |
| 28-7 #67 Pit 1 | 0396G01357 | 9,190 | 996 |

ND - Analyte not detected at stated detection level.

References: Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

Method 3550: Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds from Solids, USEPA SW-846, Rev. 1, July 1992.

Analyst:_db

Reviewed:

| 7/14/96 1: | Known # 1_ 40 pm - Sampled 6 89pm (before tack) 41,83 | $\frac{\omega}{2}$ when $\frac{\omega}{2}$ hand $\frac{\omega}{2}$ | 02 |
|--------------|-------------------------------------------------------------|--------------------------------------------------------------------|---------|
| OUM = | 89 pm (lecture tacts) 41.83 | (affired) @ 740 | |
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| 7.4% | | | |
| 7.500 | | | |
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PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

| L OCATION OF PIT | 7.8.7 | 3 | | TYPE OF PI | TYPE OF PITE UNKNOWN # 1 | 1 # 40 | |
|-----------------------------------|---------------|-------------------|-------------------|-------------------|--------------------------|-------------------|--------|
| DESCRIPTION OF SAMPLE | EVENT! EVENT! | SAMPLE EVENT # | SAMPLE EVENT # | SAMPLE EVENT # | SAMPLE EVENT# | SAMPLE EVENT # | SAMPLE |
| DATE OF SAMPLE | 2/10/46 | | | | | | |
| LOCATION OF SAMPLE | なな | | | | | | |
| (3RABICOMPOSITE) | | | | | | | |
| DEPTH OF SAMPLE(S) | (6" | | | | | | |
| TEMPERATURE OF SAMPLE | | | | | | | |
| IEI D METHOD RESULTS (PPMS | | | | | | | |
| TPH VAPORS (EQUIV UNITS) | 89 fem | | | · · | | | |
| BENZENE RESPONSE FACTOR | Ch: | | | | | | |
| ADJUST 3D FOR BENZENE EQUIV UNITS | 41.83 ppm | | | | | | |
| AN RESULTS IN PPM: | | | | | | | |
| METHOD (4:8.1 OR MOD 8015) | 418.1 | | | | | | |
| HAI | 478 | | | | | | |
| NOIES | BROROCK | | | | | | |
| | | | | | | | |
| | | | | <i>:</i> | | | |
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