

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION
Denny & Sons
DEPUTY OIL & GAS INSPECTOR

AUG 23 1996

PIT REMEDIATION AND CLOSURE REPORT

APPROX 353

Operator: Conoco, Inc. Telephone: (505) 324-5894
Address: 3315 Bloomfield Hwy. Farmington, NM 87401
Facility or Well Name: JICARILLA D18
Location: Unit or Qtr/Qtr Sec A Sec 30 T26N R3W County RIO ARriba
Pit Type: Separator X Dehydrator Other AND PRODUCTION TANK COMBO.
Land Type: RANGE

Pit Location: Pit dimensions: length 27', width 31', depth 8'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 102'
Direction from reference: 35 Degrees East of North X
X West of South

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points)	<u>10</u>
Distance to an Ephemeral Stream (Dry Wash greater than ten feet in width)	Less than 100 feet Greater than 100 feet	(10 points) (0 points)	<u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond (Dry Wash greater than ten feet in width)	Less than 100 feet Greater than 100 feet	(10 points) (0 points)	<u>0</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or: less than 1000 feet from all other water sources)	Yes No	(20 points) (0 points)	<u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)	<u>0</u>

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OIL CON. DIV.
DIST. 3

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: _____ Date Completed: 4/10/96
Remediation Method: Excavation X Approx. cubic yards 225
(Check all appropriate sections) Landfarmed X Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite X JICARILLA L.L.P. - LANDFARM #2
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: EXCAVATION & HAUL. ENTIRE EXCAVATION IN BEDROCK.

Groundwater Encountered: No X Yes _____ Depth _____

Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)
Sample location SEE CLOSURE VERIFICATION FIELD REPORT - ATTACHED.
Sample depth _____
Sample date _____ Sample time _____

Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	_____	Ethylbenzene	(ppb)	_____
TPH	(ppm)	_____	Total Xylenes	(ppb)	_____

Groundwater Sample: Yes _____ No X (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 4-11-96 PRINTED NAME JEFFREY C. BLAGG
SIGNATURE Jeffrey C. Blagg AND TITLE NMPE # 11607

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO _____ (REASON) _____

SIGNED: Kenneth C. Mamm DATE: 4-15-96

CLIENT: <u>CONOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CA353</u> C.D.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>JICARILLA</u> WELL #: <u>D18</u> PIT: <u>SEP/PROD</u>		DATE STARTED: <u>4/10/96</u> DATE FINISHED: _____
QUAD/UNIT: <u>A</u> SEC: <u>30</u> TWP: <u>26N</u> RNG: <u>3W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>
QTR/FOOTAGE: <u>800' FNL/800' FEL</u> CONTRACTOR: <u>P+S/ACME</u>		

EXCAVATION APPROX. <u>27</u> FT. x <u>31</u> FT. x <u>8</u> FT. DEEP.	CUBIC YARDAGE: <u>225</u>
DISPOSAL FACILITY: <u>JICARILLA L.L.P. LANDFARM #2</u>	REMEDIAATION METHOD: <u>LANDFARMED</u>
LAND USE: <u>RANGE</u>	LEASE: <u>CONTRACT #100</u> FORMATION: _____

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>102</u> FT. <u>N35W</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u><100'</u>	NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>
NMDCD RANKING SCORE: <u>10</u>	NMDCD TPH CLOSURE STD: <u>1000 PPM</u>

SOIL AND EXCAVATION DESCRIPTION:	CHECK ONE: <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED
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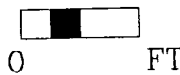
ENTIRE EXCAVATION CONSIST OF BEDROCK. INTERVALS: FROM GROUND SURFACE:
 0-1 FEET: SILTY SAND; 1-3 FEET: SOFT TO HARD SHALE, VARIOUS COLORS SLIGHT HC ODOR IN OUM SAMPLE (EAST SIDEWALL); 3-6 FEET: SHALE-SANDSTONE CONTACT AT VARYING DEPTHS, HARD TO VERY HARD, SLIGHT HC ODOR IN OUM SAMPLE (SOUTH SIDEWALL); 6-8 FEET & BOTTOM: SANDSTONE, HARD TO VERY HARD, MOST LT. GRAY IN COLOR, OVERLYING PULVERIZED MATERIAL CONTAINED SLIGHT TO STRONG HC ODOR. DUE TO ENTIRE PIT CONSISTING OF BEDROCK, NO TPH (FIELD 418.1) ANALYSIS WAS CONDUCTED.

ALL BEDROCK

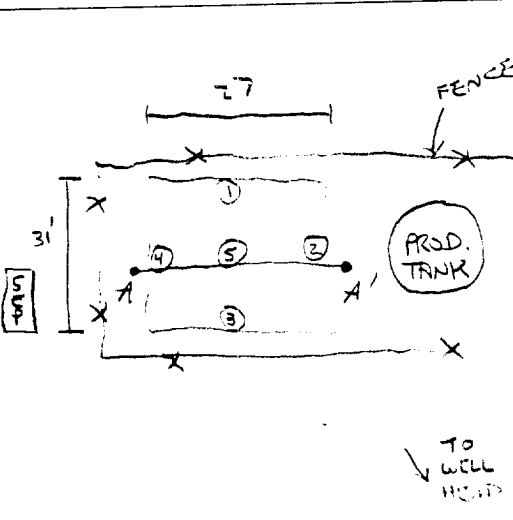
FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	ML. FREON	DILUTION	READING	CALC. ppm

SCALE



PIT PERIMETER



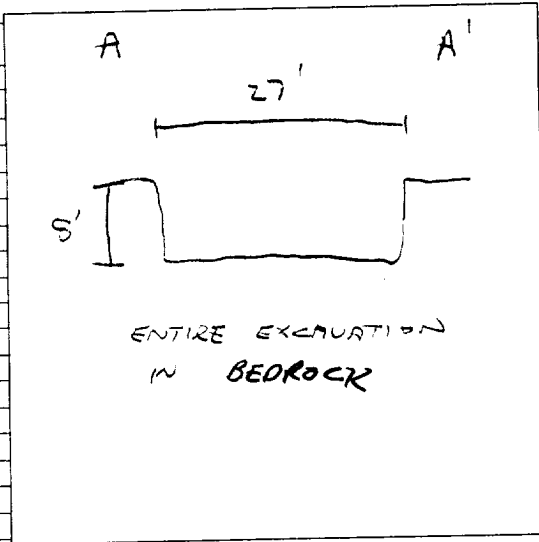
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 3'	0.0
2 @ 3'	43.7
3 @ 4'	46.0
4 @ 5'	0.7
5 @ 8'	24.7

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE



TRAVEL NOTES:	CALLOUT: <u>4/9/96</u>	ONSITE: <u>4/10/96</u>
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