

Denny E. Foust
JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
DEPUTY OIL & GAS INSPECTOR
P.O. BOX 507
DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

JUN 23 1998

PIT REMEDIATION AND CLOSURE REPORT

Approved

Operator: Golden Oil Company Chace Telephone: (713) 622-8492
Address: 550 Post Oak Boulevard, Suite 550 Houston, Texas 77027
Facility or Well Name: Jicarilla 47-3
Location: Unit or Qtr/Qtr Sec C Sec 11 T 23N R 4W County Rio Arriba
Pit Type: Separator Dhydrator Other Production Tank
Land Type: Range

Pit Location: Pit dimensions: length 15', width 15', depth 11'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 264'
Direction from reference: 20 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 (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet (10 points) Greater than 100 feet (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 (20 points) No (0 points)	<u>0</u>
Distance To SurfaceWater: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: June 6, 1997 Date Completed: October 10, 1997

Remediation Method: Excavation X Approx. cubic yards 71
(Check all appropriate sections) Landfarmed X Insitu Bioremediation _____
Other _____

Remediation Location: Onsite X Offsite _____
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Excavation

Groundwater Encountered: No X Yes _____ Depth _____

Final Pit: Sample location see Attached Documents
Closure Sampling: _____
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 4 wall composite

Sample date 10-10-97 Sample time 1250

Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>0.2</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>34</u>	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

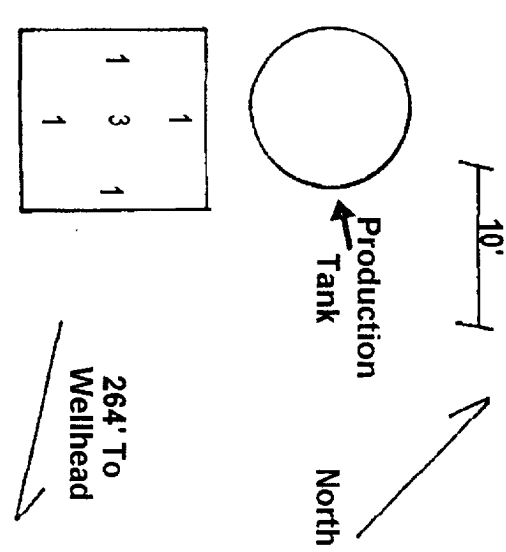
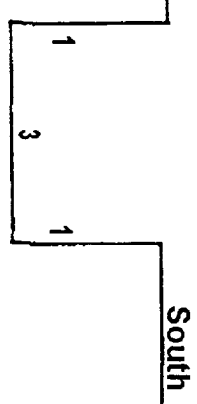
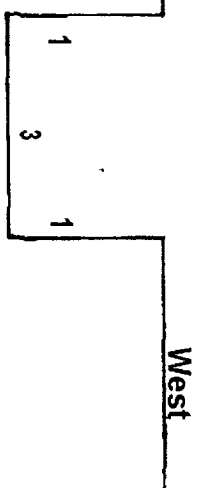
DATE December 22, 1997 PRINTED NAME Frank McDonald

SIGNATURE Frank McDonald AND TITLE Environmental Specialist

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: Kurt Mamm DATE: 2-6-98

Location: Jicartilla 47-3		Overview of Location and Sampling:	
Quad: C Section: 11			
Range: 4W Township: 23N			
Pit: Production Tank Reference: 264' N 20 W Of wellhead Initial Size: 12' x 12' x 4' deep Final Size: 15x15x11' deep Yds. Excavated: 71 cubic yards			
Depth to Groundwater: > 100			
Nearest Water Source: > 1000			
Nearest Surface Water: > 1000			
NMOC Ranking Score: 0			
TPH Closure Standard: 5000			
Comments: 0' - 3' Sandy loam, light brown, no odor or staining 3' - 8' Sandy loam, brown, damp, no HC odor 8' - 10' sandy loam, grey clay layers, damp, slight odor 10' Bottom, sandy clay, moist some odor All Production to pit has ceased.			
Pit Profile: North to South:		Pit Profile: East to West:	
			

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Frank McDonald*
Company: *Cimarron Oilfield Service*
Address: *P.O. Box 3235*
City, State: *Farmington, NM 87401*

Date: *15-Oct-97*
COC No.: *6521*
Sample No.: *16575*
Job No.: *2-1000*

Project Name: *Cimarron Oil Field Service*
Project Location: *47-3; Tank Pit*
Sampled by: *BS*
Analyzed by: *HR*
Sample Matrix: *Soil*

Date: *10-Oct-97* Time: *12:50*
Date: *14-Oct-97*

Laboratory Analysis

Parameter	Results as Received	Limit of Quantitation	Unit of Measure	Method
<i>Total Petroleum Hydrocarbons, TPH</i>	<i>34</i>	<i>25</i>	<i>mg/kg</i>	<i>EPA Method 418.1</i>

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

Laboratory Fortified Blank/Spike Soil

Laboratory Identification	Analyzed Value	Acceptable Range	Unit of Measure
<i>Laboratory Fortified Blank Soil - QCBS2</i>	<i>ND</i>	<i>ND</i>	<i>mg/kg</i>
<i>Laboratory Fortified Spike Soil - QCSS1</i>	<i>913</i>	<i>800-1200</i>	<i>mg/kg</i>

Duplication

Laboratory Identification	RPD	Limit RPD
<i>16574-6521</i>	<i>0.7</i>	<i>15.0</i>

Approved by: *J.G.*
Date: *10/14/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

ON SITE

CHAIN OF CUSTODY RECORD

6521

TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 10-10-97

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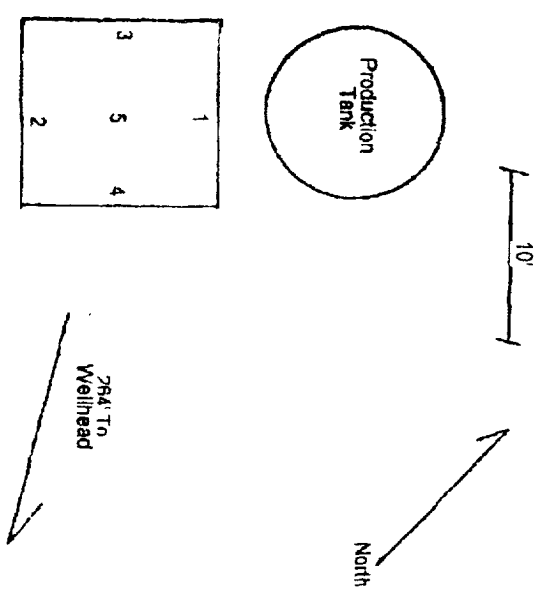
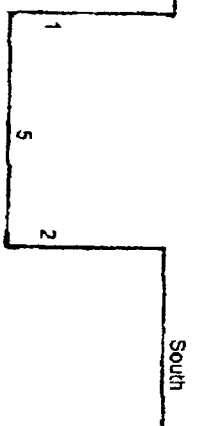
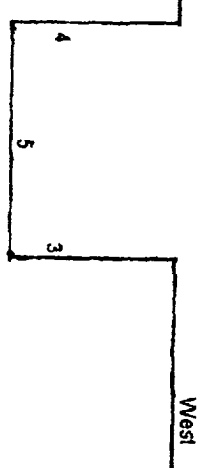
Purchase Order No.:		Job No.	
SEND INVOICE TO		Name: <u>Dimension Oil Field Service-Front M. Nevada</u>	
Company: <u>Dimension</u>		Dept.:	
Address: <u>P.O. Box 3235</u>		City, State, Zip: <u>Farmington N.M. 87401</u>	
Sampling Location:		REPORT RESULTS TO	
Sampler: <u>Billy Schaeppke</u>		Name: <u>Front M. Nevada</u>	
SAMPLE IDENTIFICATION		Title:	
DATE		TIME	
MATRIX		PRES.	
Number of Containers		LAB ID	
47-2 Tank P.T		1	
47-3 Tank P.T		1	
54-10 Landfarm 1-2		1	
47-26 Landfarm 1-1		1	
71-9 Tank P.T		1	
71-11 Tank P.T		1	
15-2 Landfarm 1		1	
71-14 Tank P.T		1	
Relinquished by: <u>Billy Schaeppke</u>		Received by: <u>[Signature]</u>	
Relinquished by: <u>[Signature]</u>		Received by: <u>[Signature]</u>	
Relinquished by: <u>[Signature]</u>		Received by: <u>[Signature]</u>	
Method of Shipment: <u>[Signature]</u>		Received by: <u>[Signature]</u>	
Authorized by: <u>[Signature]</u>		Received by: <u>[Signature]</u>	
(Client Signature Must Accompany Request)		Date: <u>10-10-97</u>	
Distribution: White - On Site Yellow - LAB Pink - Sampler Goldenrod - Client		24-48 Hours 10 Working Days Special Instructions:	

ILLEGAL

Client : Golden Oil Co

Date Started : 6-18-97

Date Completed : 6-18-97

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Environmental Specialist: BS

Chinaron Oilfield Services

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