# Denny & Fourt JICARILLA APACHE TRIBE DEPUTY OIL & GAS INSPECTOR P.O. BOX 507 P.O. BOX 507

NATURAL RESOURCE DEPT AND OIL & GAS ADMINISTRATION

JUN 23 1998

**DULCE, NEW MEXICO 87528** 

PIT REMEDIATION AND CLOSURE REPORT

han	ND CLOSURE REPORT
Operator: Golden Oil Company	Telephone: (713) 622-8492
Address: 550 Post Oak Boulevard, Suite 550 Hou	uston, Texas 77027
Facility or Well Name: Jicarilla 71-11	
Location: Unit or Qtr/Qtr Sec P Sec 3 T	23N R 4W County Rio Arriba
Pit Type: Separator Other Other	Production Tank
Land Type: Range	
	2 feet _, width 12 feet _, depth 8 feet
	other
Footage from reference: 90'	
Direction from reference:5	Degrees X East North X
	West 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)  O
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)
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)
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)  0
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)
	PANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: June 18, 1997 Date Completed: October 10, 1997
Remediation Method: Exeavation X Approx. cubic yards 33
(Check all appropriate sections) Landfarmed X Insitu Bioremediation
Other
Remediation Location: Onsite X Offsite
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 Sample depth 4 wall composite
locations and depths) Sample date 10-10-97 Sample time 1200
Sample Results
Soil: Benzene (ppm) Water: Benzene (ppb)
Total BTEX (ppm) Toluene (ppb)
Field Headspace (ppm) 13.6 Ethylbenzene (ppb)
TPH (ppm) 380 Total Xylenes (ppb)
Groundwater Sample: Yes NoX (If yes, attach sample results)
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF M'KNOWLEGE AND BELIEF
DATE December 22, 1997 PRINTED NAME Frank McDonald
SIGNATURE AND TITLE Environmental Specialist
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANC TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.
APPROVED: YES NO (REASON)
SIGNED: \

				Overview of Location and Sempling I
				10'
Location: Jicarilla 71-11				
Quad: P Section: 3				North
Range : 4W Township: 23N	23N			
Pit : Production Tank	Sample #	Location	OVM	Production
Reference : 90' N 50 E	•	Comp of	13.6	Tank /
Of wellhead	2	Walls		
intial Size: 9' x 9' x 3' deep	3	BTM@8'	0.5	
	4			
Yes, Excavated: 33 cubic yards	•			90' to
				Wellhead
Depth to Groundwaters > 100	7			
Nearest Water Source: > 1000	•			
Nearest Surface Water: > 1000	•			
NMOCD Ranking Score: 0	10			
TPH Closure Standard: 5000	3			
	12			
Comments: 0'-1' Clay/sand, brown/purple, no odor	va/purpie, :	na odor	•	
7' - 7' Hard packed shale, greenpurple, so coor	haie, gree pecked sh	ele, slight od	2 5	
All production to pit has ceased.	cessed.			
PK Profile : North to South :				PN Profile : East to West :
North	7	South		East West
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Environmental Specialist : 58

Cimerron Oilfield Services

Page 1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Attn:

Frank McDonald

Date: 15-Oct-97

Company: Cimarron Oilfield Service

COC No.:

6521

Address:

P.O. Box 3235

Sample No.:

16579

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

Cimarron Oil Field Service

Project Location:

71-11; Tank Pit BS

Date:

10-Oct-97 Time:

12:00

Sampled by: Analyzed by:

HR

Date:

14-Oct-97

Sample Matrix:

Soil

### Laboratory Analysis

Parameter	Results as Received	Limit of Quantitation	Unit of Measure	Method			
Total Petroleum Hydrocarbons, TPH	380	25	mg/kg	EPA Method 418.1			

ND - Not Detected at Limit of Quantitation

### Quality Assurance Report

Laboratory Fortified Blank/Spike Soil

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

**Duplication** 

Laboratory Identification	RPD	Limit RPD			
16574-6521	0.7	15.0			

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# CHAIN OF CUSTODY RECORD

Date: 10-10-77

TECHNOLOGIES, LTD.

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

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Authorized by: Accompany Request)	Method of Shipment:	Relinquished by:	Relinquished by:	Folinquished by: Sally & L.				11-14 Tank P.+		21-11 TanKP:+	71-9 1 and P+	41-26 Land From 1-1	54-10 Land Film 1-3	47-3 Tank P.t	47- 2 Tank P.+	SAMPLE IDENTIFICATION	Billy Schoolphak	Sampler:		Sampling Location:	City, State, Zip Fairn Ston M.M.	52 Address (1, C2 150 + 3) 2 35	OIC Company	1	Purchase Order No.: Job No.
Date (Cond. 47)		Date/Time	Date/Time	Date/Time/ 1 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4			20-1-05	10704 11239 Soll 2010	100 1.05 Soll Food	_	1227 So. 1 2001	10-15-4 ×1125 Soll 4-15-11	1200-51/024 (3.1) 1001	1000 1 1250 (a) Con	10-10-57 1257 SUI) (00)	SAMPLE MATRIX PRES.					7427		Dept.	20- Frank Me Sundel	
	Rush	Receiv	Receiv	Receiv				-		)			~	J			Num Cont	ber o ainer	f s		F	RESI	PO	RT S T	)
	24-48 Hours	Received by:	Received by:	Received by:				~	7	7	<i>V</i> .	*,	7	7	\	4/18					Telephone No. 3) 7. 5	City, State, Zip	Mailing Address [, C, S	3	Name Frank 1912 1)
	10 Working Days																		ANALYSIS REQUESTED		k	L- 11. 19 8	By 3235	,	Mallowaler
	Special I	Dat	Dat	Dat															ESTED		Telefax No.	シャビ			Title
	Special Instructions:	Date/Time	Date/Time	Date/Time /	-	-																/2			
	าร:		-	19/10/A 1438	-											LAB ID			•						

Distribution: White - On Site Yellow - LAB Pink - Sampler Goldenrod - Client

Date Started: 6-18-97

\_Date Completed :\_

Nearest Surface Water: > 1000
NMOCD Ranking Score: 0 Comments: 0'-1' clay/sand, brown/purple, some odor 1' - 7' hard packed shale, green/purple, some odor 7' Bottom, hard packed shale, odor Section: 3 Township: 23N Sample # = စ 10 Location
Nwall@5'
Swall@5'
Vwall@5'
Ewall@5'
Btm@7' South **9**¥ 228.4 Overview of Location and Sampling: Pit Profile : East to West : East 90' To Wellhead Production Tan North

Environmental Specialist: BS

Cimarron Oilfield Services

Page <u>⊆</u>