" Denny & Fourt JICARILLA APACHE TRIBE DEPUTY OIL & GAS INSPEND RONMENTAL PROTECTION OFFICE P.O. BOX 507

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

JUN 23 1998

DULCE, NEW MEXICO 87528

PIT REMEDIATION AND CLOSURE REPORT

Operator: Golden Oil Company Chace	Telephone: (713) 622-8492
Address: 550 Post Oak Boulevard, Suite 550 Houst	on, Texas 77027
Facility or Well Name: Jicarilla 47-2	
Location: Unit or Qtr/Qtr Sec_DSec_11T_23	N R 4W County Rio Arriba
Pit Type: Separator Dchydrator Other Pro	oduction Tank
Land Type: Range	
(Attach diagram)	, width 18', depth 12'
Footage from reference: 96'	
Direction from reference: 10	Degrees East North
	X West South X
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) O
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)
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) O
R.A.	ANKING SCORE (TOTAL POINTS):0_

Date Remediation S	tarted: June 19, 1997 Date Completed: October 10, 1997
Remediation Method:	Excavation X Approx. cubic yards 76
(Check all appropriate sections)	Landfarmed X Insitu Bioremediation
	Other
Remediation Location (i.e. landfarmed onsite, name and location of offsite facility)	n: Onsite X Offsite
General Description	of Remedial Action: Excavation
Groundwater Encour	ntered: No X Yes Depth
Final Pit: Closure Sampling: (if multiple samples,	Sample location see Attached Documents
attach sample results and diagram of sample	Sample depth 4 wall composite
locations and depths)	Sample date10-10-97
	Sample Results
	Soil: Benzene (ppm) Water: Benzene (ppb)
	Total BTEX (ppm) Toluene (ppb)
	Field Headspace (ppm) 21.9 Ethylbenzene (ppb)
	TPH (ppm) 811 Total Xylenes (ppb)
Groundwater Sample	Yes NoX (If yes, attach sample results)
I HEREBY CERTIFY KNOWLEGE AND B	THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY ELIEF
DATE Dece	mber 22, 1997 PRINTED NAME Frank McDonald
SIGNATURE	AND TITLE Environmental Specialist
AFTER REVIEW OF TO THE JICARILLA	THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE APACHE TRIBE PIT CLOSURE ORDINANCE.
APPROVED: YES	XNO (REASON)
. /	Q > 11 M
SIGNED:	DATE: 2-6-98

Client: Golden Oll Company

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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:

16574

P.O. Box 3235

Sample No.:

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

Cimarron Oil Field Service

Project Location:

47-2; Tank Pit BS

Date: Date: 10-0ct-97 Time:

12:57

Sampled by: Analyzed by:

HR

14-Oct-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Results as Received	Limit of Quantitation	Unit of Measure	Method
Total Petroleum Hydrocarbons, TPH	811	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

Approved by: Date: 10/16/97

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(2)

CHAIN OF CUSTODY RECORD

ÒN SITE

TECHNOLOGIES, LTD.

Date: 10-10-97

Page.

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

Date/Time (4/0/17) 1438 LAB ID Special Instructions: Date/Time. 7401 LECIBLE Telefax No. ANALYSIS REQUESTED Title 10 Working Days Name Cunt Company Comp Name Frank My Morail Telephone No. 33 7 - 52 4 73 City, State, Zip Furn, Cy 24-48 Hours 1:3/4 Received by: Received by: Received by: 7 7 Containers Rush **TRO93R** Number of MATRIX PRES. 1000 000 Date/Time/cts / u.s. Frank My Chrain Date 16-70-5-7 10704 11239 81 10-10-57 1257 52.1 1. 45 5 50.11 1237 XX 1 X3.1 12-12-61 10 X4 6.3. 1.2 26/18 4-11-01 1000 SO (SO) VIVE 1300 50.1 TIME Date/Time Date/Time SAMPLE DATE 5010,00 12742 Client Signature Must Accompany Request) Job No. Name Cinagra Cil Felsi City, State, Zip Faum 'ngthe SAMPLE IDENTIFICATION Address 1, 62 150x 3235 and triin Tank 414年 Authorized by: QLLL Purchase Order No.: Sampling Location: Method of Shipment Relinquished by: Relinquished by: Relinquished by: OT 7 ΙΝΛΟΙCΕ 1-/ SEND

Goldenrod - Client

Pink - Sampler

Distribution: White - On Site Yellow - LAB

Pit Profile : North to South : Comments: 0'-1' Sandy clay, some staining, slight Nearest Water Source: Nearest Surface Water: Initial Size: 12" x 15" x 3" deep Final Size: 12" x 15" x 11" deep Reference: 96'S 10 W Depth to Groundwater: Yds. Excavated: 88 cy Pit: Production tank Range: 4W NMOCD Ranking Score: TPH Closure Standard: Quad : D Location : Jicarilla 47-2 Nortof wellhead 4" - 10" gray, clay/sand, some staining, odor 1' - 4' sandy clay, moist, odor Bottom, hard packed shale All production to pit has ceased Hard Packed Shale Township: 23N Section 11 ¥ 200 **8**00 5,7 Sample # Location ö Swall@8 Nwell@8' Swall@8' Swall@8' Swall@8' Ewall@8' Ewall@8' Btrn@10' Wwall@8' Btrn@11' South OVM 192.9 Pit Profile : East to West : Overview of Location and Sampling E83 96' To' wellhead 3,6,8 <u></u> 3,6,9 5.7 West Production Tank

Client : Golden Oil Co.

Date Started 0-19=97

Date Completed: 6-19-97

Environmental Specialist: BS

Cimeron Oilfield Services

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