State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

Operator:

Chateau Oil And Gas (Williams Field Services)

Telephone:

(801) 584-6361

Address:

P.O. Box 58900, Salt Lake City, Utah 84158-0900

WellName:

CHAMPLIN #3A

(85083)

Location:

Unit or Qtr/Qtr Sec F Sec 35 T 27N R 4W

County Rio Arriba

PitType

Dehydrator

LandType:

Jicarilla

Pit Location: Pit dimensions: length 15ft., width 15ft., depth 15ft.

(Attach diagram)

Reference: Wellhead

Footage from reference:

71 ft.

Direction from reference:

90 Degrees East of North

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)

Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)

(20 points) Yes

No (0 points) 0

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 1,000 feet(10 points)

Greater than 1,000 feet(0 points)

Ranking Score (TOTAL POINTS):

0

0

0

Date Remediation Started: 7/21/98

Date Completed: 7/22/98

Remediation Method: Excavation 🗸

Approx. Cubic Yard 125

(check all appropriate

sections)

Landfarmed 🗸

Insitu Bioremediation -

Other

Landfarmed soil after mechanical aeration. LF Headspace Oppm

Remediation Location:

Onsite 🗹 Offsite

(ie. landfarmed onsite. name and location of offsite facility)

General Description Of Remedial Action:

The pit was excavated to remove gross petroleum contamination. The excavated material was mechanically aerated and placed into an onsite landfarm. Returned to site 1-14-99 and used soil probe to collect sample at 22'. BTEX and TPH were non-detect.

Ground Water Encountered:

No

Final Pit:

Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location CHAMPLIN 3A-V-EXFL-01

Two samples were collected, one sample from the excavation bottom and the second sample was made up of 4 points from each excavation wall.

Sample depth 22 ft

Sample date 11/14/99

Sample time 11:40

Sample Result

Benzene (ppm) <0.05

Total BTEX (ppm) < 0.05

Field Headspace (ppm)

TPH (ppm) < 2.0

Ground Water Sample:

No

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 11-19-99

SIGNATURE WALE

AND TITLE

PRINTED NAME Mark Harvey for Williams Field Services PROJECT COORDINATOR

- 1 · 1	PIT RETIREMENT FO	RM
Date: 7/21/18	85083	Weather
Well Name CHAMPUN #34 Or	perator <u>CHATEAV</u>	Sec_35T27N_R4W_UL
Land Type: BLM STATE FEE	INDIAN	County PIO ARRIBA
One Call Made (505-765-1234)?	Ø N	
Line Marking Evident?		(P)
-		
met to the second	ALO	\ ® \
Pit Location: Reference Wellhead <u>*X</u>	Other Edward	Tom
	Other	
Distance from: \$\\ 71	XE NX -A	101
Direction: <u>90</u> Degrees	of N_*	313
	w s	
	vv _ 3	Sa .
Charles - Dit Dimensions 12	, 17 v 2	
Starting Pit Dimensions 12 x		•
Final Pit Dimensions	<u> 15 x 15 </u>	
Observed	Soil Description	On: STATE CLAY
Organic Vapor Readings: Start _	Soil Description	1/
~ · · ·		//
@ 6′ <u> </u>		
@ 8'		
		SAND SAND
@ <u>/S</u>		UAIN-5
Well Proximity To: Residence, D	omestic Water Well, Sto	ck Well
Arroyo, Wash	, Lake, Stream	
Estimated or 1	Known Distance to Grou	ind Water
Source of Backfill (if other than pr	ocessed material	
Source of Backilli (if office fridit pr		
Samples collected: Type Pr	ogress: Verification:	D CHAMPLIN 34-V-EXWA-01 OD/ water
	ogress: Verification:	D CHARPUN 3A-V-EXFL-01 soit / water
	ogress: Verification:	Dsoil / water
		Process actives ICE Other
Sample sent to Lab Via: Courier	Hana Carried Other_	Preservative: ICE Other
		FXCANATED SOILS AND
	SHREDDED MATE	THIAL, SHREDDED MATERIAL
		MED ON-SITE EXCAVAGED
	UNTL SOIL C	LEANED-UP - FURTHER EXCAVATION
		SIBLE BECAUSE OF THE CLOSE EQUIPHENT AND THE SLOVEHING
		EO TO SITE ON 11-14-99 TO ESTABLISH VERTICAL
		LYSIS SHOWED TPH + STEX A NO.
	Soil Shipped to: Prepared by:	Alla S. Hasis
(pit sketch-show sample pts.)		

2911 ROTARY TERRACE, P.O. BOX 562/ PITTSBURG, KS 66762/(316)232-1970

LABORATORY REPORT: REFERENCE #: 9911573

SENT WILLIAMS FIELD SERVICE DATE REPORTED:

TO: '295 CHIPETA WAY DATE COLLECTED: 11/14/99
SALT LAKE CITY, UTAH 84158 DATE RECEIVED: 11/17/99

MARK HARVEY P.O. #:

PROJECT: WFS/NM-PITS

Sample ID: CHAMP 3A-V-EXSB-01 (21-23) Sample Matrix: SOIL

Collection Date: 11/14/99 11:40:00

TEST	METHOD-CAS #	result	UNITS	PQL	ANALYZED	EXTRACTED
ТРН	SW846-8015	ND	UG/L	2	11/21/99BEN	1
BTEX	OA1/8021B			3.0		
BENZENE	71-43-2	ND	MG/KG	0.050	11/18/99KK	<u> </u>
TOLUENE	108-88-3	ND	MG/KG	0.050	11/18/99KK	4
RTHYLBENZENE	100-41-4	ND	MG/KG	0.050	11/18/9 9KK I	ւ
TOTAL XYLENES	1330-20-7	ND	MG/KG	0.050	11/18/99KK	<u>ւ</u>
BFB (SURROGATE)	-	125	125	75		
QA/QC PACKAGE LEVEL	NONE		SU			

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

+BACKGROUND CONTAMINATION

Q=OUTSIDE LIMITS

B=DETECTED IN METHOD BLANK

SUR=SURROGATE

APPROVED BY:-

LABORATIONY DIRECTOR

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316)232-1970

LABORATORY REPORT:

REFERENCE #: 9807797

SENT WILLIAMS FIELD SERVICE-MS4JI

TO: P.O. BOX 58900

SALT LAKE CITY, UTAH 84108

MARK HARVEY

PROJECT: JICARILLA PIT REMEDIATION

Reference Fraction: 9807797-16A

Sample ID: CHAMPLIN 3A-V-EXFL-01 / 85083

Sample Date Collected: 07/23/9812:50:00

DATE REPORTED: 08/05/98
DATE COLLECTED: 07/23/98

DATE RECEIVED: 07/28/98

Sample Matrix: SOIL

Dampie zace							
TEST	METHOD	RESULT	UNITS	DL		ANALYZED	BY
TPH	SW846-8015 SW846 8021	1210	MG/KG		2.0	07/29/98	SKW
BTEX BENZENE TOLUENE ETHYLBENZENE TOTAL XYLENES BFB (SURROGATE)	54040 0021	ND 46.1 22.6 377 88	MG/KG MG/KG MG/KG MG/KG 125		5.0 5.0 5.0 5.0	08/04/98 08/04/98 08/04/98 08/04/98	JLC

-NONE DETECTED
DI=DETECTION LIMIT
SU=STANDARD UNITS
B=DETECTED IN METHOD BLANK

APPROVED BY:

TERRY KOESTER

LABORATORY DIRECTOR

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316)232-1970

LABORATORY REPORT:

REFERENCE #: 9807797

SENT WILLIAMS FIELD SERVICE-MS4JI

TO: P.O. BOX 58900

SALT LAKE CITY, UTAH 84108

MARK HARVEY

PROJECT: JICARILLA PIT REMEDIATION

Reference Fraction: 9807797-15A

Sample ID: CHAMPLIN 3A-V-EXWA-01 / 85083

Sample Date Collected: 07/23/9812:45:00

DATE REPORTED: 08/05/98
DATE COLLECTED: 07/23/98

DATE RECEIVED: 07/28/98

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
ТРН	SW846-8015	8.63	MG/KG	2.0	07/29/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		. ND	MG/KG	0.050	08/04/98	JLC
TOLUENE		0.240	MG/KG	0.050	08/04/98	JLC
ETHYLBENZENE		ND	MG/KG	0.050		
TOTAL XYLENES		0.700	MG/KG	0.050		
BFB (SURROGATE)		121	125	75	, ,	

:NONE DETECTED
DL=DETECTION LIMIT
SU=STANDARD UNITS
B=DETECTED IN METHOD BLANK

APPROVED BY:

TERRY KOESTER LABORATORY DIRECTOR

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316)232-1970

LABORATORY REPORT:

REFERENCE #: 9808562

DATE REPORTED:

DATE RECEIVED:

SENT WILLIAMS FIELD SERVICE-MS4JI

TO: P.O. BOX 58900

SALT LAKE CITY, UTAH 84108

MARK HARVEY

PROJECT: JICARILLA PIT PROJECT 98

Reference Fraction: 9808562-02A

Sample ID: CHAMPLIM #3A-V-LF-01 Sample Date Collected: 08/11/9806:45:00 Sample Matrix: SOIL

DATE COLLECTED: 08/11/98

ANALYZED BY DL RESULT UNITS METHOD TEST MG/KG 08/20/98 SKW ND 2.0 SW846-8015 TPH

ND=NONE DETECTED DL-DETECTION LIMIT SU=STANDARD UNITS B=DETECTED IN METHOD BLANK

TERRY KOESTER LABORATORY DIRECTOR

08/21/98

08/18/98