

Denny & Faust
DEPUTY OIL & GAS INSPECTOR

AUG 19 1999

State of New Mexico
Energy Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

NO BTEX-LF

Risk Belrock

RECEIVED
MAY 27 1999

Approved
PIT REMEDIATION AND CLOSURE REPORT

OIL CON. DIV.
DIST. 3

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 #1 DK (86476)
Location: Unit or Qtr/Qtr Sec M Sec 35 T 27N R 4W County Rio Arriba
PitType Dehydrator
LandType: Forest

Pit Location: Pit dimensions: length 20 ft., width 14 ft., depth 19 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 135 ft.

Direction from reference: 330 Degrees East of North

Depth To Ground Water:	Less than 50 feet	(20 points)	
(Vertical distance from	50 feet to 99 feet	(10 points)	
contaminants to seasonal	Greater than 100 feet	(0 points)	0
high water elevation of			
ground water)			

Wellhead Protection Area:	Yes	(20 points)	
(Less than 200 feet from a private	No	(0 points)	0
domestic water source, or; less than			
1000 feet from all other water sources)			

Distance To Surface Water:	Less than 200 feet	(20 points)	
(Horizontal distance to perennial	200 feet to 1,000 feet	(10 points)	
lakes, ponds, rivers, streams, creeks,	Greater than 1,000 feet	(0 points)	0
irrigation canals and ditches)			

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 7/22/98

Date Completed: 7/22/98

Remediation Method: Excavation ☒

Approx. Cubic Yard 200

(check all appropriate sections)

Landfarmed ☒

Insitu Bioremediation

Other

Landfarmed soil after mechanical aeration.

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.

Ground Water Encountered: No

Final Pit:

Sample location CHAMPLIN #1DK-V-EXFL-02

Closure Sampling:

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

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 19 Feet

Sample date 8/22/98

Sample time 9:05

Sample Result

Benzene (ppm) <0.050

Total BTEX (ppm) 0.08

Field Headspace (ppm)

TPH (ppm) 1920

Ground Water Sample: No

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

DATE 5-20-99

SIGNATURE



PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE

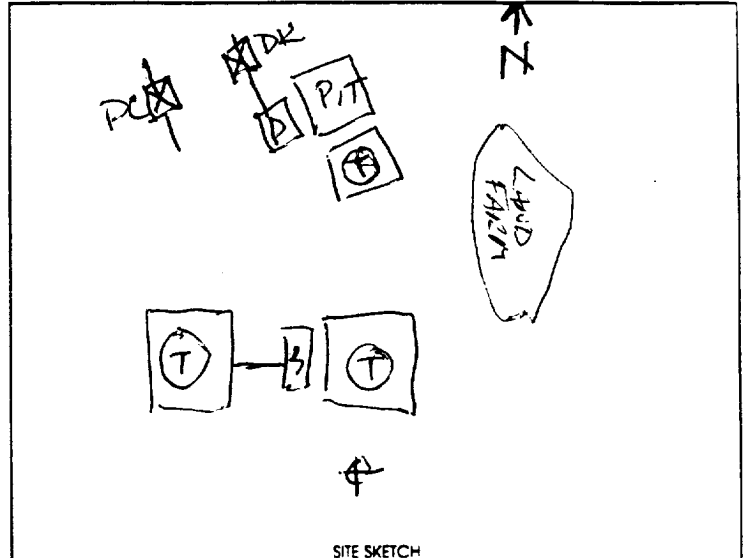
PIT RETIREMENT FORM

Date: 7/22/98 86476
 Well Name: CHAMPAIN #1 DK Operator: CHATEAU Weather: SUNNY
 Land Type: BLM STATE FEE INDIAN Forest Sec: 35 T: 27N R: 4W UL: M
 One Call Made (505-765-1234)? (Y) N County: RIO ARriba
 Line Marking Evident? (Y) N

Pit Location:

Reference Wellhead: X Other: _____
 Distance from: 135'
 Direction: 330 Degrees X E N X
 of _____
 W S _____

Starting Pit Dimensions 12 x 12 x 3
 Final Pit Dimensions 20 x 14 x 19



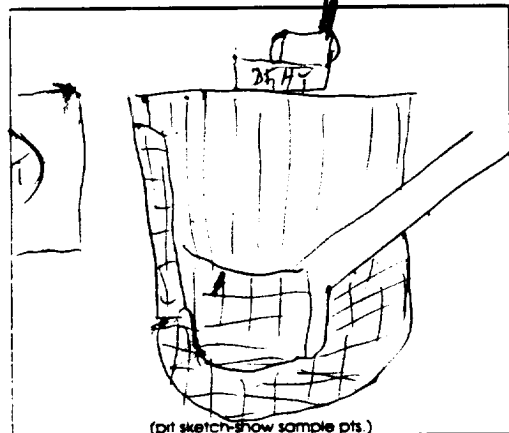
Organic Vapor Readings: Start _____ Soil Description: SILTY SAND CLAY
 @ 2' _____ SILTY CLAY
 @ 4' _____ "
 @ 6' _____ "
 @ 8' _____ "
 @ 15' _____ SILTY SAND
 @ 19' _____ " ROCK FLOOR

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE
 Arroyo, Wash, Lake, Stream _____
 Estimated or Known Distance to Ground Water >100 feet

Source of Backfill (if other than processed material) _____

Samples collected: Type _____ Progress: Verification: ID CHAMPAIN #1 DK -V- EX-100 soil / water
 Progress: Verification: ID CHAMPAIN #1 DK -V- EX-01 soil / water
 Progress: Verification: ID _____ soil / water

Sample sent to Lab Via _____ Courier _____ Hand Carried _____ Other _____ Preservative: ICE Other _____



Comments: EXCAVATED + SHREDDED SOIL -
THE EXCAVATED SOIL WAS LAND FARMED ON
SITE. ROCK FLOOR

Soil Shipped to: _____
 Prepared by: W. J. Harris

QWAL LABORATORIES, INC.

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

LABORATORY REPORT:

REFERENCE #: 9808764

SENT WILLIAMS FIELD SERVICE-MS4JI
TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY

DATE REPORTED: 08/31/98
DATE COLLECTED: 08/22/98
DATE RECEIVED: 08/26/98

PROJECT: 98 PIT REMEDIATION

Reference Fraction: 9808764-01A

Sample ID: CHAMPLIN #1DK-V-EXWA-02 / 86476

Sample Matrix: SOIL

Sample Date Collected: 08/22/98 09:55:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	1300	MG/KG	40.0	08/27/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/27/98	JLO
TOLUENE		0.068	MG/KG	0.050	08/27/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	08/27/98	JLO
TOTAL XYLENES		0.134	MG/KG	0.050	08/27/98	JLO
BFB (SURROGATE)		82	125	75		

ND=NONE DETECTED

DL-DETECTION LIMIT

SU-STANDARD UNITS

B-DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR

QWAL LABORATORIES, INC.

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

LABORATORY REPORT:

REFERENCE #: 9808764

SENT WILLIAMS FIELD SERVICE-MS4JI
TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY
PROJECT: 98 PIT REMEDIATION

DATE REPORTED: 08/31/98
DATE COLLECTED: 08/22/98
DATE RECEIVED: 08/26/98

Reference Fraction: 9808764-02A

Sample ID: CHAMPLIN #1DK-V-EXPL-02 / 86476

Sample Matrix: SOIL

Sample Date Collected: 08/22/98 09:50:00

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
TPH	SW846-8015	1920	MG/KG	2.0	08/27/98	SKW
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/27/98	JLO
TOLUENE		ND	MG/KG	0.050	08/27/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	08/27/98	JLO
TOTAL XYLENES		0.080	MG/KG	0.050	08/27/98	JLO
BFB (SURROGATE)		85	125	75		

ND=NONE DETECTED

DL=DETECTION LIMIT

SU-STANDARD UNITS

B-DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR

Q W A L L A B O R A T O R I E S, I N C.

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

LABORATORY REPORT:

REFERENCE #: 9808562

SENT WILLIAMS FIELD SERVICE-MS4JI
TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY
PROJECT: JICARILLA PIT PROJECT 98

DATE REPORTED: 08/21/98
DATE COLLECTED: 08/11/98
DATE RECEIVED: 08/18/98

OVM 9 0827

Reference Fraction: 9808562-04A
Sample ID: CHAMPLIN #1DK-V-LP-01
Sample Date Collected: 08/11/98 07:00:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED BY
TPH	SW846-8015	1230	MG/KG	40.0	08/20/98 SKW

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

APPROVED BY:

Terry Koester

TERRY KOESTER
LABORATORY DIRECTOR