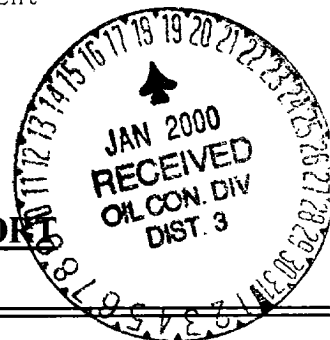


State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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



**PIT REMEDIATION AND CLOSURE REPORT**

Operator: Phillips Petroleum (Williams Field Services) Telephone: (801) 584-6361  
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900  
WellName: SJ 31-6 UNIT #11 ( 71991 )  
Location: Unit or Qtr/Qtr Sec *A* Sec 31 T 31N R 6W County San Juan  
PitType Dehydrator  
LandType: Fee

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

Reference: Wellhead

Footage from reference: 80 ft.

Direction from reference: 10 Degrees West of South

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) 10  
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) 10  
irrigation canals and ditches)

Ranking Score (TOTAL POINTS): 20

Date Remediation Started: 9/18/99

Date Completed: 9/18/99

Remediation Method: Excavation ☐

Approx. Cubic Yard

(check all appropriate sections)

Landfarmed ☐

Insitu Bioremediation

Other ☐ AssessedRemediation Location: Onsite ☐ Offsite

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

General Description Of Remedial Action:

Assessed location by advancing hand probe to 3 feet below ground surface and collecting composite sample.

Ground Water Encountered: No

Final Pit:

Sample location SJ 31-6 #11-A-HP-01

Closure Sampling:

Assessed.

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

Sample depth 3 feet

Sample date 9/8/99

Sample time 11:40

Sample Result

Benzene (ppm) 0.094

Total BTEX (ppm) 0.094


Field Headspace (ppm)

TPH (ppm) &lt;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 12-20-99

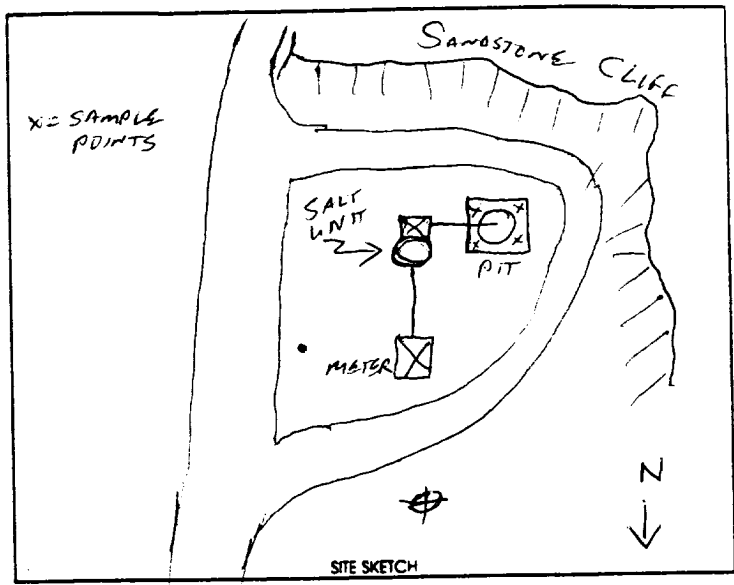
SIGNATURE PRINTED NAME Mark Harvey for Williams Field Services  
AND TITLE

# PIT RETIREMENT FORM

71991

Date: 9/18/99  
 Well Name: SJ 31-6 #11 Operator: PITILLIPS Weather: CLR, WARM  
 Land Type: BLM STATE FEE INDIAN Sec: 31 T31N R6W UL  
 One Call Made (505-765-1234)? Y N County: SAN JUAN  
 Line Marking Evident? Y N

Pit Location:  
 Reference Wellhead X Other \_\_\_\_\_  
 Distance from: 80'  
 Direction: 10 Degrees \_\_\_\_\_ E \_\_\_\_\_ N \_\_\_\_\_  
 \_\_\_\_\_ of \_\_\_\_\_  
 \_\_\_\_\_ W \_\_\_\_\_ S \_\_\_\_\_  
 Starting Pit Dimensions 15 x 15 x 1  
 Final Pit Dimensions \_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_



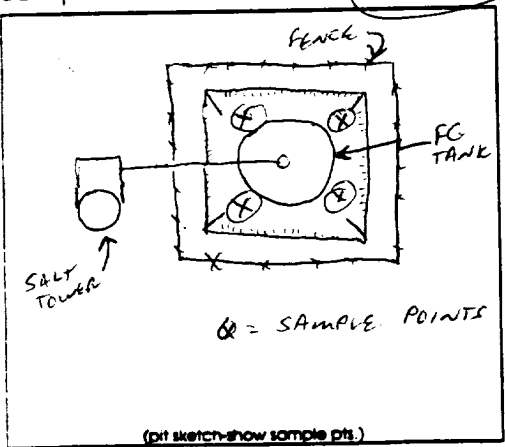
Organic Vapor Readings: Start N/A Soil Description: BRN SILTY SAND / SANDY SILT  
 @ 2' \_\_\_\_\_  
 @ 4' \_\_\_\_\_  
 @ 6' \_\_\_\_\_  
 @ 8' \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE  
 Arroyo, Wash, Lake, Stream 50'  
 Estimated or Known Distance to Ground Water 50'-100'

Source of Backfill (if other than processed material) N/A

Samples collected: Type \_\_\_\_\_ Progress: Verification: ASSESS ID SJ 31-6 #11-A-HP-D1 soil / water  
 Progress: Verification: ID \_\_\_\_\_ soil / water  
 Progress: Verification: ID \_\_\_\_\_ soil / water

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



Comments: SALT TOWER UNIT DEHYDRATION. FG TUB  
INSTALLED IN EARTHEN PIT. COLLECTED  
ASSESSMENT SAMPLE BY ADVANCING HAND  
PROBE TO 2.5'-3' BELOW PIT FLOOR. NO  
SOIL STAINING OR ODOOR. PIT SITS IN/NEAR  
DRAINAGE AND HAS SILTED IN SEVERAL TIMES

Soil Shipped to: N/A  
 Prepared by: JPS

## 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 #: 9909359

SENT WILLIAMS FIELD SERVICE  
TO: 295 CHIPETA WAY  
SALT LAKE CITY, UTAH 84158  
MARK HARVEY  
PROJECT: WFS/NM PITS

DATE REPORTED: 09/21/99  
DATE COLLECTED: 09/08/99  
DATE RECEIVED: 09/10/99

Reference Fraction: 9909359-14A  
Sample ID: SJ31-6 #11-A-HP-01 71991  
Sample Date Collected: 09/08/99 11:40:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	ND	MG/KG	2	09/16/99	BEM
BTEX	OA1/8021B			3.0		
BENZENE		0.094	MG/KG	0.050	09/14/99	KKL
TOLUENE		ND	MG/KG	0.050	09/14/99	KKL
ETHYLBENZENE		ND	MG/KG	0.050	09/14/99	KKL
TOTAL XYLENES		ND	MG/KG	0.050	09/14/99	KKL
BFB (SURROGATE)		82	125	75		

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:

q.p.

TERRY KOESTER  
LABORATORY DIRECTOR