

PIT REMEDIATION AND CLOSURE REPORT

Operator: Phillips Petroleum Company **Telephone:** (505) 599-3460

Address: 5525 Hwy. 64, NBU 3004, Farmington, NM 87401

Facility Or: San Juan 29-6 Unit #90

Well Name

Location: Unit or Qtr/Qtr Sec SW NE Sec 15 T 29N R 6W County Rio Arriba

Pit Type: Separator X Dehydrator Other

Land Type: BLM X , State _____, Fee _____, Other _____

Pit Location: Pit dimensions: length 25', width 25', depth 4'
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 100'

Direction from reference: 90 Degrees X East North X
of
West South

Depth To Ground Water: 60'

(Vertical distance from
contaminants to seasonal
high water elevation of
ground water)

Less than 50 feet (20 points)
 X 50 feet to 99 feet (10 points) 10
 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)

MAY - 9 1994

X Yes (20 points) _____
 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 1000 feet (10 points)
 X Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS):

Date Remediation Started: n/a Dated Completed: _____

Remediation Method: Excavation _____ Approx. cubic yards _____
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite _____
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: n/a
Initial assessment of pit showed soils to be clean
at the surface and at three feet below pit bottom.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit: Sample location Deepest part of pit. Sampled with a backhoe.
Closure Sampling: _____
(if multiple samples, attach sample results and diagram of sample locations and depths)
Sample depth 3' below pit bottom
Sample date 1/4/94 Sample time -

Sample Results
Benzene(ppm) -
Total BTEX(ppm) -
Field headspace(ppm) 3
TPH 10

Ground Water Sample: Yes _____ No X (If yes, attach sample results)

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

DATE 4-13-94
SIGNATURE Ed Hasely PRINTED NAME Ed Hasely
AND TITLE Environmental Engineer

REC

REVISED DATE: JANUARY 7, 1994

PIT NO.	WELL NAME	U. S. T. R.	PIT TYPE	RANK SCORE	CLOSURE STANDARD TPH (PPM)	DATE 93/04	GROUNDWATER ENCOUNTERED Sub-Surf. Depth	SOIL TYPE	PIT TYPE	SAMPLE NO.	Organic Vapor Meter (PPM)	Total Recoverable Per. Hydro. (PPM)	EPA METHOD 8020 (PPB) METHOD 5030 PURGE - AND - TRAP					STATUS
													Benzene	Toluene	Ethyl Benzene	Xylene	TOTAL BTEX	
PA108	SAN JUAN 29-6, #04	G002006	SEP	10	1000	1-3	NO	OL	EARTHEN	T1-5 T1-7.5	0 0	0					CLOSE	
PA109	SAN JUAN 29-6, #20	N032006	SEP	0	5000	1-3	NO	OL	EARTHEN	T1-5 T1-7.5	41.3 1.1	0					CLOSE	
PA110	SAN JUAN 29-6, #102	G102006	SEP	0	5000	1-3	NO	OL/SM	EARTHEN	T1-4.5 T1-7	42 1.1	0					CLOSE	
PA111	SAN JUAN 29-6, #32	L112006	SEP	0	5000	1-3	NO	OL	EARTHEN	T1-4.5 T1-7	0 1.1	0					CLOSE	
PA112	SAN JUAN 29-6, #89	M112006	SEP	20	100	1-3	NO	SM	EARTHEN	T1-5 T2-5	277 13.2	0000 22					REM	
PA113	SAN JUAN 29-6, #17	A012006	SEP	10	1000	1-3	NO	OL	EARTHEN	T1-5 T1-7.5	12 92.7	110	18200	60100	16400	42000	130700	REM/TEST
PA114	SAN JUAN 29-6, #111	C012006	SEP	0	5000	1-4	NO	SM	EARTHEN	T1-4 T2-5	1845 1236	5400 12	0	119	0	235.7	354.7	REM
PA115	SAN JUAN 29-6, #92	M122006	SEP	10	1000	1-4	NO	OL	EARTHEN	T1-4 T1-6.5	20 45	20					CLOSE	
PA116	SAN JUAN 29-6, #33 DK	A132006	SEP	10	1000	1-4	NO	OL	EARTHEN	T1-5	32	0					CLOSE	
PA117	SAN JUAN 29-6, #33 MV	A132006	SEP	10	1000	1-4	NO	OL	EARTHEN	T1-4.5 T1-7	2 233	16					CLOSE	
PA118	SAN JUAN 29-6, #90	H152006	SEP	10	1000	1-4	NO	CL	EARTHEN	T1-4.5 T1-7	1.2 2.5	10					CLOSE	
PA119	SAN JUAN 29-6, #14A	I072006	SEP	0	5000	1-4	NO	CL	EARTHEN	T1-6 T1-11 T1-17 T2-5 T2-10 T2-16	1049 2131 1752 12 324 2077	10900 350	1260 4920	31500 63100	3550 8200	49100 74800	85410 151020	REM/TEST
PA120	SAN JUAN 29-6, #12A	J002006	SEP	10	1000	1-5	NO	CL	EARTHEN	T1-6 T1-11 T1-16 T2-5 T2-10 T2-16	1000 1425 717 990 87 272	8100 6900 310	338	12900	1890	37400	52528	REM
PA121	SAN JUAN 29-6, #13A	D062006	SEP	10	1000	1-5	NO	CL	EARTHEN	T1-4.5 T1-9.5 T1-17 T2-5 T2-10 T2-16	889 830 863 0 3 2	2000 2000 920						REM
PA122	SAN JUAN 29-6, #81	L252006	SEP	0	5000	1-5	NO	SM/ML	EARTHEN	T1-5 T1-10	549 452	13400 2900	0	105	0	204	300	REM
PA123	SAN JUAN 29-6, #91	H212006	SEP	0	5000	1-6	NO	SP/CL	EARTHEN	T1-4 T1-6.5	339 2.6	10	34.0	85	0	35.9	155.5	CLOSE
PA124	SAN JUAN 29-6, #11A	D072006	SEP	0	5000	1-6	NO	SM	EARTHEN	T1-4.5 T1-7	828 849	2000	2130	58400	6300	71300	136130	REM/TEST

FIELD REPORT: SITE ASSESSMENT

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PROJECT: PIT ASSESSMENT
CLIENT: PHILLIPS PETROLEUM
CONTRACTOR: ENVIROTECH, INC.
EQUIPMENT USED: CASE EXTEND-A-DIG

DATE STARTED: 1-4-77
DATE FINISHED: 1-4-77
ENVRG. SPOLT. REC
OPERATOR: CIMARRON
ASSISTANT: K.C.

LOCATION: LEASE: SAN JUAN 29-6 WELL: # 90 QD: 1850' N. 620' E. (H)
SEC: 15 TWP: 29N RNG: 6W PM: NM CNTY: R. A. ST: NM PIT: SEP

LAND USE: -RANGE - LEASE # SF078278

SURFACE CONDITIONS: EARTHEN PIT - FENCED 25' x 25' - SOME YELLOW SURFACE STAIN

FIELD NOTES & REMARKS: PIT IS LOCATED APPROXIMATELY 100 FEET EAST OF WELLHEAD
CLOSURE STD: 1000 PPM TPH

RANKING SCORE: 10

T1: moist, brown, silty-sandy clay - no odor

[illegible]

5 x 2 = 10 • 6AC# 0358

RECOMMEND PIT CLOSURE.

TEST HOLE LOGS:

TH#:	SOIL TYPE:	SMPLE TYPE:	OVM. TPH
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SOIL TYPE: C = Clay, S = Silt, F = Sand, G = Gravel Plasticity: L = Liquid, P = Plastic Unconsolidated: B = Boulders, G = Gravel

SCALE

0 10 20 FEET

SITE DIAGRAM

