

SAN JUAN BASIN

Conoco Inc.

PIT CLOSURE DOCUMENTATION

LOCATION:

SAN JUAN 28-7 #183

RCRA EXEMPT
WASTES:Yes ☒ No ☐

PIT TYPE:

BP RELIEF TACTIC S-1, T-27N, R-7W, Unit G

FE FLOW TO PIT STOPPED:

6/95

TYPE REPLACEMENT PIT:

☐

NONE

☐

BACKFILLED - BELOW GROUND

☒

ABOVE GROUND

ACREAGE

TYPE:

☒

FEDERAL

☐

JICARILLA

☐

NAVAHO

☐

STATE

☐

FEE

SITE ASSESSMENT

1) Groundwater Depth: ESTIMATE < 50'

Ranking Score

Basis: ELEVATION FROM WASH

20

2) Wellhead Protection Area:

Distance To

Water Sources: < 1000' Private Domestic Water Sources: > 200'

Basis: CARRIZO WASH DOMESTIC USE ± 500'

20

3) Distance To Surface Body of Water: 200 - 1000'

Basis: CARRIZO WASH ACTUAL ± 500' NORTH

10

Total Score:

50

Soil Characteristic

☐

Highly Contaminated/Saturated

☒

Unsaturated Contaminated

RANKING CRITERIA

GUIDELINE REMEDIATION LEVELS

Depth to Groundwater	Wellhead Protection Area	Distance to Surface Water Body
	<1000' from water sources or < 200' from private domestic water sources	
Score	Score	Rank
<50 ft 20	yes 20	<200' horiz 20
<50 - 99 10	no 0	200 - 1000' horiz 10
>100 ft 0		>1000' horiz 0

Total Ranking Score			
	>19	10-19	0-9
Benzene (ppm)	10	10	10
BTEX (ppm)	50	50	50
Field Headspace			
Method for BTEX	100	100	100
TPH (ppm)**	100	1,000	5,000

** Concentration above background

DEFINITION OF CONTAMINATION

Date: 6/23/95

Depth Excavated:

5

Full Excavation:

☒

Maximum Extent Practicable

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLE RESULTS NOTES" FORM

Groundwater Encountered:

Yes ☐No ☒

If yes, approximate depth:

Groundwater Sampling?

☐

Yes

☒

No

Where was gw sample taken?

Attach GW Sample Results

NOTES:

DEPUTY OIL & GAS INSPECTOR
JUN 13 1996
JUN 18 1996

RECEIVED
MAR 18 1996

OIL CON. DIV.
DIST. 3

Approved

REMEDIATION PROFILE

Soil Treated Onsite

☐

Date Remediation Started: _____

☐ In Situ Bio☐ w/vapor venting☐ Landfarmed☐ Composted

	Date: _____		Date: _____	
	Description	Amount/Rate	Description	Amount/Rate
Tilled				
Nutrients				
Moisture				
Bulking Agent				
Organic Material				

	Date: _____		Date: _____	
	Description	Amount/Rate	Description	Amount/Rate
Tilled				
Nutrients				
Moisture				
Bulking Agent				
Organic Material				

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLING RESULTS NOTES" FORM

SOIL TREATED/HANDLED OFFSITE**TO SITE (ATTACH MANIFEST)**

Where Treated: _____

Type of Land (Fed/Nav/Jic/State/Fee): _____

Quantity Moved: _____

Quantity Disposed At Envirotech: _____

FROM SITE (ATTACH MANIFEST)

To This Location From: _____

Type of Land (Fed/Nav/Jic/State/Fee): _____

Quantity Moved: _____

FINAL CLOSUREBTEX: 1.3 ppm (From Headspace Analysis)TPH: NO ppm (From Lab Results)

Revegetated:

yes ☐no ☒

Active Well or Facility Pad:

yes ☒no ☐NOTES: 6-22-95 - ASSESS PIT w/ WESTERN TECHNOLOGIESDVA & TPH BELOW REQUIREMENTS, CLOSED PIT.



**Westtech
Laboratories
Inc.**

The Quality People
Since 1955

10737 Gateway West, No. 100
El Paso, Texas 79935-4906
(915) 592-3591 • fax 592-3594

CLIENT WESTERN TECHNOLOGIES, INC.
400 LORENA AVENUE
FARMINGTON, NM 87401

SAMPLE NO. : 6502762
INVOICE NO.: 3185W039
REPORT DATE: 07-04-95
REVIEWED BY: *[Signature]*
PAGE : 1 OF 1

CLIENT SAMPLE ID : 28-7 #183 BPR Conoco Pit
SAMPLE TYPE: Soil
SAMPLED BY: B. Sutton
SUBMITTED BY: B. Sutton
SAMPLE SOURCE: S1T27NR7W Unit G

AUTHORIZED BY : D. Cesark
CLIENT P.O. : --
SAMPLE DATE ...: 06-23-95
SUBMITTAL DATE : 06-30-95
EXTRACTION DATE: --

Modified 418.1 - Total Petroleum Fuel Hydrocarbons

D A T A T A B L E				
Parameter	Result	Unit	Detection Limit	Analysis Date
Total Petroleum Hydrocarbons	<10.	mg/kg	10.	07-03-95

(1) Copy to Client

[Signature]
Managing Director

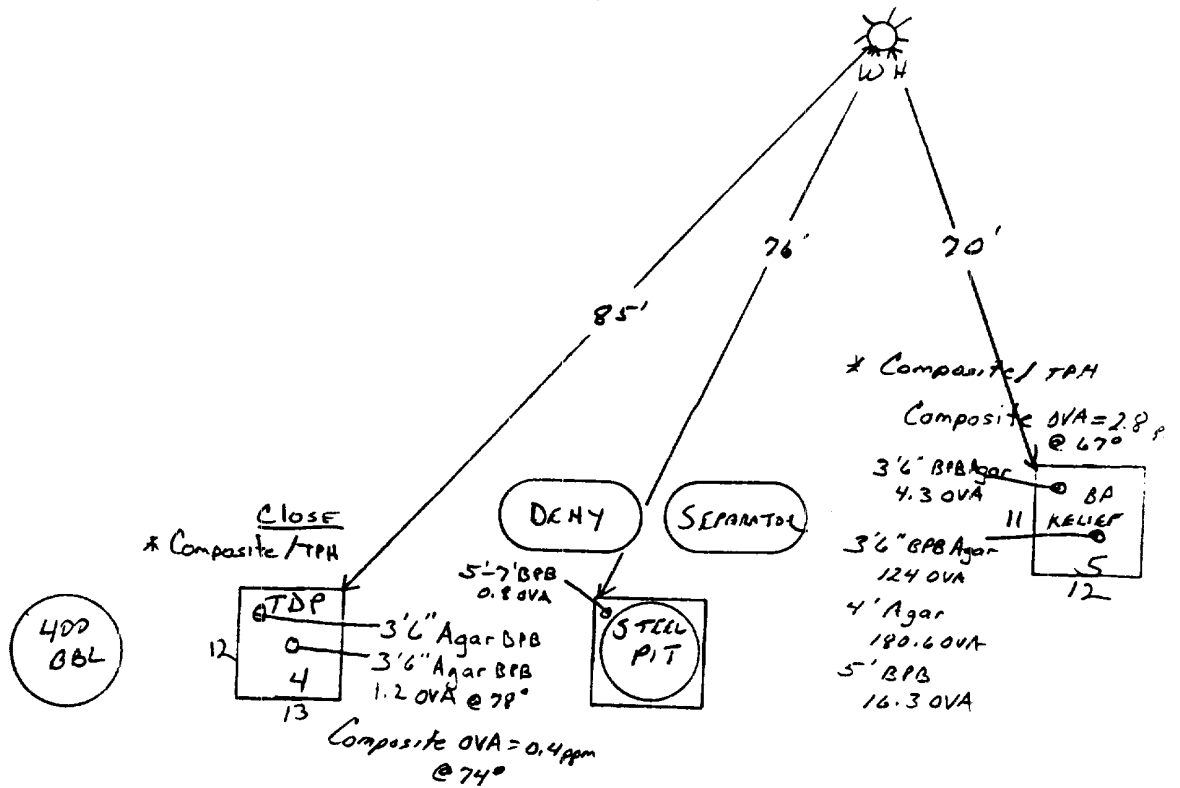
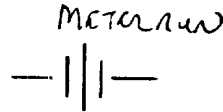
PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP #1

WELL LOCATION: SAN Juan 28-7 #133 S 1 T 27N R 7W UNIT G

DATE STARTED: 6/22/75

DATE COMPLETED: _____

Conoco Inc.



Estimated D.G.

o SOIL SAMPLE LOCATION

Δ BACKGROUND SAMPLE LOCATION

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241 1980

DISTRICT II

811 South First St. Artesia NM 88210 2835

DISTRICT III

1000 Rio Brazos Rd. Aztec, NM 87410 1693

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc.

10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

San Juan 28-7 Unit
Lease

#183

Well No

section 1, T-27-N, R-7-W, G

Unit Ltr Sec Twp Rge

Rio Arriba
County

OGRID NO. 005073 Property Code 016608 API NO. 30-039-20721

Spacing Unit Lease Types (check 1 or more)
Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling.	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Mesaverde 72319		Basin Dakota 71599
2. TOP and Bottom of Pay Section (Perforations)	4451-5185'		7046-7248'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Expected Flowing		Flowing
5. Bottomhole Pressure	a. (Current) 457		a. 751
Oil Zones - Artificial Lift Gas & Oil - Flowing All Gas Zones Estimated Or Measured Original	b. (Original) 1230	b.	b. 2946
6. Oil Gravity (*API) or Gas BT Content	1223		1154
7. Producing or Shut-in?	To be Completed		Producing
Production Marginal? (yes or no)	Expected Yes		Yes
- If Shut-In give date and oil/gas/water rates of last production	Date Rates	Date Rates	Date Rates
Note: For new zones with no production history applicant shall be required to attach production estimates and supporting data.			
- If Producing, date and oil/gas/water rates of recent test (within 60 days)	Allocation method by subtraction - See attached Chart	Date Rates	Mid-1999 (Expected) 80 MCFD, .2 BOPD
8. Fixed Percentage Allocation Formula - % for each zone	% Gas %	% Gas %	% Gas %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, overriding, and royalty interests been notified by certified mail? Yes ☒ No ☐
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☒ Yes ☐ No (If No, attach explanation)12. Are all produced fluids from all commingled zones compatible with each others ☒ Yes ☐ No13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)14. If this well is on, or communized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). R-10476-B

16. ATTACHMENTS

- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- * Production curve for each zone for at least one year. (If not available, attach explanation.)
- * For zones with no production history, estimated production rates and supporting data.
- * Data to support allocation method or formula.
- * Notification list of all offset operators.
- * Notification list of working, overriding and royalty interests for uncommon interest cases.
- * Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kay Maddox TITLE Regulatory Agent DATE December 14, 1998TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798