Two pits

	4010	-8			***						
District DEP	HTY OU 8	a cac	S INICIDED:	, LUB	State C	of New Mex	ico			SUBMIT 1 C	OPY TO
P.O. Box 198	0, floobs,	MM.) IIVOPEL	Energy,	Minerals and N	latural Res	ources De	partme	nt	APPROPRIA	TE
District II	- MAY	13	1999							DISTRICT O	FFICE
P.O. Drawer,	Artesia, N	M 882	211		OIL CONSI	ERVATION	DIVISIO	N		AND 1 COPY	'TO
District III	-				P.	O. Box 208	8			SANTA FE O	FFICE
1000 Rio Bra	zos Rd. Az	tec, N	IM 87410		Santa Fe, N	lew Mexico	87'504-2	2088		(Revised 3/9/	94)
AM	01000	e/1	PIT	REME	EDIATION	AND	CLOS	URE	REPO	ORT !	OK
Operator:	Conoco I	inc.							: 505-32		
Address:	3315 Blo	omfi	eld Hwy	- Farr	mington, NM 8	37401		<u></u>			
Facility Or:	San Juan	28-7	7 # 154								
Well Name								•			
Location:	Unit or Q	tr/Qt	r Sec	(G	Sec	17 T	271	N R	7W County	Rio Arriba
Pit Type:	Separato	r			Dehydrator	·	Oth	er	TDP		
Land Type:	BLM	Х	State		Fee		Oth	er			TM
Pit Location: (Attacn diagr	ram)		Pit dime	nsion:		length	6	· 	width	6' depth	3'
, and and gr	,		Reference	e:		wellhead	<u> </u>		other		
			Footage	from re	eference:		150'			<u>.</u>	
			Direction	from r	reference:		Deg	rees		East of	North
									<u> x</u>	West _	<u>C</u> South
Depth To Gro								than 5	0 feet	(20 points)	
(Vertical dista						, र अभ	ີ່ 50 f∈	et to 9	feet	(10 points)	
contaminants							Grea	ter tha	n 100 fe	et (0 points)	
high water el		F			OCUM	同り					
ground water	r)				CEIV	ען				Total	0
Wellhead Pro	tection An	ea:		<i>u u</i>	MAR 3 1 19	99	Yes	(20 n	oints)		
(Less than 20	00 feet fro	map	orivate	O∏.	GODT I	DUM.	No	(Op	-		
domestic wat	er source,	or; l	ess than	OIL] CON. [סשטש		(• •	٠ک	Total	0
1000 feet froi	m all othe	r wat	er source	5)	DIST. 3					. 5.2.	
Distance To S		-					Less	than 20	00 feet	(20 points)	(20 points)
(Horizontal di		-					200 f	eet to	1000 fee		(10 points)
akes, ponds, rrigation cana			•				Great	ter than	1000 fe	eet (0 points)	(0 points)
			•							Total	0
							RANK	ING SO	CORE (TO	OTAL POINTS):	0

Date Remediation Started	i :	10/28/98		Date Com	pleted:	10/28/98
Remediation Method:	Excavation:	**************************************		Approx. c	ub <u>ic yards</u>	- -
Check all appropriate se	Ctions) Landfarm Other			Insitu Bio	remediation	
Remediation Location: ie. landfarmed onsite,	Onsite		Offsit	e		
name and location of offsite facility)						
General Description Of Revalues taken at site. Sample		One samp	le was ta	ken at 3' below	bottom of pit cen	ter. No PID reading
vas taken at site. Sample malysis per EPA Method 8	020A.	wildool #tory	IUT IPH	anyalysis per EP	A Method 8015 a	nd for BTEX
		 				
round Water Encountered	d: N o	X	_Yes	Depth		
nal Pit: losure Sampling:		Sample loc	ation	Bottom of pit -	center	
f multiple samples ttach sample results		Sample de	oth		3'	
nd diagram of sample cations and depths)		Sample dat	te	10/28/9 8	Sample time	11:00 a.m.
,		Sample Res	suits			
			Benzen	e (ppm)	ND	-
			Total B	TEX (ppm)	ND	
			Field he	eadspace (ppm)	None	
			TPH	ND		
round Water Sample:		_ No	X	(If yes, attac	ch sample results)
EDERY CERTIES THAT T	HE INFORMATION	ABOVE IS T	RUE AND	COMPLETE TO	THE BEST	
MY KNOWLEDGE AND B	ELIEF	-				
MY KNOWLEDGE AND B	ELLEF	· }		PRINTED NA	ME Shirky SHEAR S	/aa -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 10-Nov-98

Client:

Lab ID:

Project:

Conoco, Inc.

Work Order:

9810095

9810095-01A

San Juan 28-7 #154

Matrix: SOIL

Client Sample Info: San Juan 28-7 #154

Client Sample ID: TDP 770147

Collection Date: 10/25/98 2:00:00 PM

COC Record: 5182

Parameter	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS	SV	V8015			Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25	mg/Kg	1	11/5/98
GASOLINE RANGE ORGANICS	SV	V8015			Analyst: HR
T/R Hydrocarbons: C6-C10	ND	0.18	mg/Kg	1	11/3/98
BTEX	SV	V8020A			Analyst: HR
Benzene	ND	1	μg/Kg	1	11/2/98
Toluene	ND	2	μg/Kg	1	11/2/98
Ethylbenzene	ND	1	μg/Kg	1	11/2/98
m,p-Xylene	ND	2	μg/Kg	1	11/2/98
o-Xylene	ND	1	μg/Kg	1	11/2/98

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

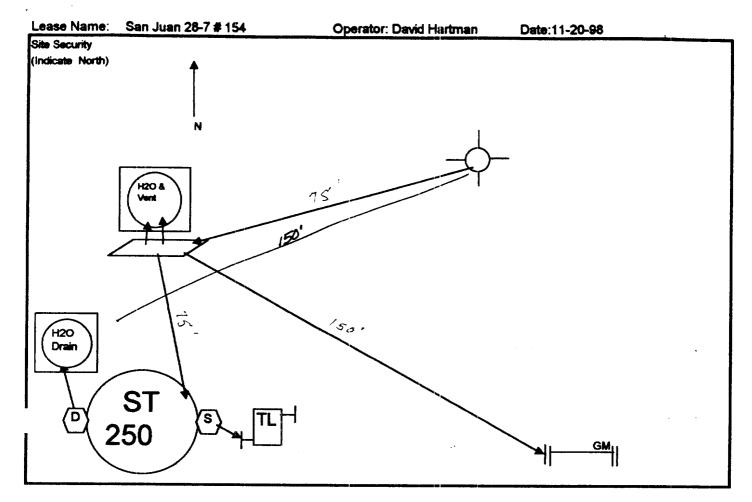
R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

l of l

P.O. BOX 2606 • FARMINGTON, NM 87499



Lease Name: San Juan 28-7 #154

Federal/Indian Lease No: 3F 078440

CA No.:

Unit:

G

Legal Description: T-27 R-7 S-17

County:

Rio Arriba

Load line valves:

Sealed during Production

Drain line valves :

Sealed during Production

This lease is subject to the site security plan for San Juan Basin Operations. The plan is located at:

Conoco inc.

3315 Bloomfield Hwy

Farmington, NM

Production Line valve: Sealed during sales

•												DV.
District I					State Of I	New Mexico	0				SUBMIT 1 CC	PY TO
P.O. Box 198	- 0, Hobbs, N	M	Ener	gy, Mir	nerals and Nat	ural Resou	ırc:es De _l	artmer	nt		APPROPRIAT	TE
District II											DISTRICT OF	FICE
P.O. Drawer,	- Artesia, NM	882	11		OIL CONSER	NOITAVS	OISIVIC	ı			AND 1 COPY	TO
District III	_				P.O	. Box 2088					SANTA FE O	FFICE
1000 Rio Braz	zos Rd. Azte	ec, NI	M 87410		Santa Fe, Ne	w Mexico	87'504-2	880			(Revised 3/9/9	94)
			PIT RE	MED	IATION	AND (CLOS	URE	REPO	RT	·	=======================================
Operator:	Conoco Ir	nc.					Tele	phone	: <u>505-32</u>	4-58	13	
Address:	3315 Bloc	omfie	ld Hwy - I	Farmin	gton, NM 87	7401						
Facility Or: Well Name	San Juan	28-7	# 154		· · · · · · · · · · · · · · · · · · ·		. <u> </u>					
Location:	Unit or Q	tr/Qt	Sec	G		Sec	17 T	27	N R	7W	County	Rio Arriba
Pit Type:	Separator	r		_	Dehydrator	<u>x</u>	Oth	er				
Land Type:	BLM .	X	State		Fee		Oth	er				
Pit Location:			Pit dimension	on:		length	6	•	width	6'	depth	3'
(Attach diag	nann)		Reference:			wellhead	. <u> </u>	<u>. </u>	other			
			Footage fro	m refe	erence:		75'			_		
			Direction fro	om ref	erence:		Deg	rees		-	East of -	North
									X	-	West _	South
Depth To G	round Wate	er:					Les	than	50 feet		(20 points)	
(Vertical dis	tance from	1							9 feet		(10 points)	
contaminan	ts to seaso	nal					Gre	ater th	an 100 fe	et	(0 points)	
high water o	elevation o	f										
ground wat	er)										Total	0
Wellhead Pr	rotection A	геа:					Yes	(20	points)			
(Less than 2	200 feet fro	om a	private				No	(0	points)			
domestic wa	ater source	e, or;	less than								Total	0
1000 feet fr	rom all othe	er wa	iter sources)									
Distance To	Surface W	/ater	;				Les	s than	200 feet		(20 points)	(20 points)
(Horizontal	distance to	per	ennial						o 1000 fe		(10 points)	(10 points)
lakes, pond	s, rivers, s	trean	ns, creeks,				Gre	ater th	an 1000	feet	(0 points)	(0 points)

irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS):

Total

0

Date Remediation Started:	1	/28/98		Date Compl	eted:	10/28/98
Remediation Method:	Excavation:	i	_	Approx. cub	oic yards	
(Check all appropriate sect	•	T				
	Landfarm		-	Insilitu Biore	mediation	
	Other	•	·	······································		
				<u> </u>		
Remediation Location:	Onsite	*	Offsite _	· · · · · · · · · · · · · · · · · · ·		
(ie. landfarmed onsite,	•	5		····		
name and location of		•				
offsite facility)						
General Description Of Rea	mediał Adlian:	One sample	was taker	at 3' belo w bo	ottom of pit center.	No PID reading
was taken at site. Sample	was transported to	aboratory fo	or TPH and	valysis be r EPA	Method 8015 and	for BTEX
analysis per EPA Method 8	020A.					
·		i 		:		
		· .	 			
					 	*
Ground Water Encountered	d: No	X	_Yes _	Depth	 	
Final Pit:		: Sample loca	tion (Rottom of nit	conter	
Closure Sampling:		panipie ioca		Bottom of pit -	Center	
		1				
(if multiple samples attach sample results		\$ample dep	c n _		3'	
and diagram of sample		Sample date	- 10)/28/9 @	Sample time	10:00 a.m.
locations and depths)				7-4-5		10.00 0
		Sample Resi	ults			
		·	Benzene	(ppm)	ND	
			Total BTE	ex (ppm)	ND ND	A
			Field hea	dspace (ppm)	None	
			I ROM I ROM	uspace (ppiii)	Note	
			TPH	ND		
				, <u> </u>		
Ground Water Sample:	Yes	No	<u> </u>	(If yes, atta	ch sample results)	
I HEREBY CERTIFY THAT		BOVE IS T	RUE AND	COMPLETE TO	THE BEST	
OF MY INOWLEDGE AND	BELIEF	- Manager -				
DATE	3/26/98	· the state of the		PREMITED NA	ME Shirley	Ebert
SIGNATURE	realey think	7 4 9		AND TITLE	ME Shirley	ecialist
, ————————————————————————————————————	1	Pri seleption				
		T	· · · · · · · · ·			
÷	. £	å ;		*4		

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 10-Nov-98

Client:

Lab ID:

Project:

Work Order:

Conoco, Inc.

9810095

9810095-02A

San Juan 28-7 #154

Matrix: SOIL

Client Sample Info: San Juan 28-7 #154

Client Sample ID: BDP 770173

Collection Date: 10/25/98 11:00:00 AM

COC Record: 5182

Parameter	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS	sv	V8015			Anaiyst: HR
T/R Hydrocarbons: C10-C28	ND	25	mg/Kg	1	11/5/98
GASOLINE RANGE ORGANICS	SV	V8015			Analyst: HR
T/R Hydrocarbons: C6-C10	ND	0.18	mg/Kg	1	11/6/98
BTEX	SV	V8020A			Analyst: HR
Benzene	ND	1	μ g/K g	1	11/1/98
Toluene	ND	2	μ g /Kg	1	11/1/98
Ethylbenzene	ND	1	μ g /Kg	1	11/1/98
m,p-Xylene	ND	2	μ g/K g	1	11/1/98
o-Xylene	ND	1	μ g /Kg	1	11/1/98

Qualifiers:

PQL - Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

ND - Not Detected at Practical Quantitation Limit

R - RPD outside accepted recovery limits

J - Analyte detected below Practical Quantitation Limit

E - Value above quantitation range

B - Analyte detected in the associated Method Blank

Surr: - Surrogate

P.O. BOX 2606 • FARMINGTON, NM 87499

1 of 1

Lease Name: San Juan 28-7 # 154 Operator: David Hartman Date:11-20-98 Site Security (Indicate North) 75 Drain

Lease Name: San Juan 28-7 #154

Federal/Indian Lease No: SF 078640

CA No.:

Unit: G

T-27 R-7 S-17

Legal Description: County:

Rio Arriba

Load line valves:

Sealed during Production

Drain line valves:

Sealed during Production

Production Line valve: Sealed during sales

This lease is subject to the site security plan for San Juan Basin Operations. The plan is located at:

Conoco Inc.

3315 Bloomfield Hwy

Farmington, NM

CHAIN OF CUSTODY RECORD

557 W. Maple • P. O. Box 2606 • Farmington NM 87499 LAB: (505) 325-5667 • FAX: (505) 325-6256

ON SITE

とうこと コツ LAB ID Telefax No. **ANALYSIS REQUESTED** Title F.41.14 Mailing Address City, State, Zip Telephone No. Company Name Date/Time 1/2/2/2/ 3.0/ Received by REPORT OT STJUSER Number of Containers MATRIX PRES. 11 Cen TIME Dept. SAMPLE DATE 15 to Job No. SAMPLE IDENTIFICATION 41014 70 City, State, Zip Purchase Order No.: Company Sampling Location: Address Relinquished by: Name 700 BAP INVOICE

167

Special Instructions:

10 Working Days

24-48 Hours

Received by: Rush

Received by

Date/Time *

Pink - Sampler Goldenrod - Cilent

Distribution: White - On Site Yellow - LAB

Date_

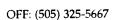
(Client Signature Must Accompany Request)

Method of Shipment:

Authorizéd by:

Relinquished by: Relinquished by:

Date/Time /c Date/Time





LAB: (505) 325-1556

November 10, 1998

Shirley Ebert Conoco, Inc. 3315 Bloomfield Hwy Farmington, NM 87401 TEL: (505) 327-9557 FAX (505) 324-5825

RE: San Juan 28-7 #154

Dear Shirley Ebert,

Order No.: 9810095

On Site Technologies, LTD. received 2 samples on 10/30/98 for the analyses presented in the following report.

The Samples were analyzed for the following tests:

BTEX (SW8020A)
Diesel Range Organics (SW8015)
Gasoline Range Organics (SW8015)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

David Cox