JICARILLA APACHE TRIBE ENVIRONMENTAL PROTECTION OFFICE P.O. BOX 507 DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO

NATURAL RESOURCE DEPT

AND OIL & GAS ADMINISTRATION



PIT REMEDIATION AND CLOSURE REPORT

	227 1021
Operator: DUGAN PRODUCTION CORP.	Telephone: <u>505-625-1821</u>
Address: P.O. Bux 420, FARMINGTON, NM	
Facility or Well Name: A NEW DAWN #3	
Location: Unit or Qtr/Qtr Sec Sec T_2	24N RSW County RIO ARRIBA
Pit Type: Separator Other Other	
_	
	15 , width 24 , depth 11
(Attach diagram) Reference: wellhead	other
Footage from reference: 2	20
Direction from reference: 3	O Degrees X East North X
	West South
	(00 ::)
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet (10 points) Greater than 100 feet (0 points)
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet (10 points) 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)	Yes (20 points) No (0 points)
Distance To SurfaceWater: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)
ji Is	RANKING SCORE (TOTAL POINTS):

			0 22 00
Date Remediation Sta	erted: <u>9-23-98</u>	Date Completed: _	9-23-98
Remediation Method:	× ·	Approx. cubic yards	150
Theck all appropriate etions)	Landfarmed X	Insitu Bioremediation	
Cuoisy			
Remediation Location (i.e. landfarmed onsite,	: Onsite Onsite		
name and location of offsite facility)			
	of Remedial Action: Exc	avation	
General Description			
Groundwater Encoun	tered: No X	Yes Depth	
Final Pit:	Sample location see At	tached Documents	
Closure Sampling: (if multiple samples,			
attach sample results and diagram of sample	Sample depth		
locations and depths)	Sample date $9-23-$	98 Sample time	1120
	Sample Results		
ji	- ·	(ppm) Water: Ber	nzene (ppb)
			uene (ppb)
	Field Headspace		ylbenzene (ppb)
			al Xylenes (ppb)
	TPH	(ррш)	47 /
Groundwater Sample	: Yes No _	(If yes, attach sample re-	sults)
I HEREBY CERTIFY	THAT THE INFORMATIO	ON ABOVE IS TRUE AND COMP	LETE TO THE BEST OF MY
KNOWLEGE AND B	ELIEF		
DATE 10	- 26-98PRI	INTED NAME	C. BLAGE
SIGNATURE 1	Un C. Slogs A	AND TITLE NMPE 116	07
A PERED DEVINEY OF	THE PIT CLOSURE INFO	RMATION, PIT CLOSURE IS AP	PROVED IN ACCORDANCE
TO THE JICARILLA	APACHE TRIBE PIT CLO	SURE ORDINANCE.	•
ADDROVED VES	X NO GEASON)	
APPROVED: YES _	/ NO (REASON)	/	
₩ . \./	c >>> 00	DATE: 10-27-98	•
SIGNED:	- C MC	DATE: ()	

	•				
	DIACC EN	GINEERING, I	NC.	LOCATION NO:	<u> </u>
LIENT: DUGAN	PO BOX 87. BI	OOMFIELD, N	M 87413	C.□.C. N□: <u>6</u>	275
1	(505)	632-1199		C.B.C. 110	
			NA TOLONI		
FIELD REPOF	RT: CLOSUR	E VERIFIC	CATION	PAGE No:	
OCATION: NAME: A NEW	T. WELL 4.	3 PIT: 5	FPACE-OK	DATE STARTED: 9-23	-98 98
DCATION: <u>name: A New</u> quad/unit: D sec: 23	V JANN WELL #.	A/ PM: A/MCNTY	: RA ST: NM	DATE FINISHED: 9-23	
QUAD/UNIT D SEC: 25	5 TWP: 29N RNG: 51	TOD. FOLTZ		ENVIRONMENTAL JC	<u> </u>
OTF/FOOTAGE: 800FNL	- 800 FWL CONTRAC	7 00/C			
XCAVATION APPROX.	<u>5</u> ft. x <u>24</u> ft.	x// FT. DE	EP. CUBIC	YARDAGE:	
,	a. C - LAGENEM	DEMEDIAT	ION MEIDU	D	
DISPOSAL FACILITY: LAND USE:RAMAGE	LEASE:	Jic. APA. CONT.	<u>37-B</u> F01	RMATION: <u>Jakot</u>	<u> </u>
			20 ET /	JSOE FROM WE	LLHEAD
IELD NOTES & REMA	RKS: PIT LOCATED A	APPRUXIMATELT _	NEADEST SURFAC	E WATER - 100	<u>) </u>
DEPTH TO GROUNDWATER >	100 NEAREST WATER SOUR	RCE:	THE STATE OF THE S	CHECK DNE	
NMOCT RANKING SCORE:	NMOCD TPH CLOSURE	STD: <u>5000</u> PPM	<u>×</u>	_ PIT ABANDONED _ STEEL TANK INSTAL	
SOUL AND EXCAVATI	ON DESCRIPTION			_ STEEL TANK INSTALL _ FIBERGLASS TANK I	NSTALLEI
Contain 107 - Col	I Emm Gracial Sch	1 + -0 9 Je+ 3	plack L=		
N=0	Slaa Na Chai				
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				x obor.	•
	AURTE PAT HAVE P HL. PAT BOTTUM,			L ODGR	
		No Discolorat	· DIG GA	L OBOR	
	AUFER AT HAVE I	No Discolora	AL CHILATIONS		LC. ppm
	AUFER AT HAVE I	No Discolora	AL CHILATIONS	DILUTION READING CA	LC. ppm
	AUFER AT HAVE I	No Discolora	AL CHILATIONS		LC. ppm
SUENTLE IN EXC. From 4'-7' Dep	AUFER AT HAVE I	No Discolora	AL CHILATIONS		LC. ppm
SCALE O FT	AUTER PIT HAVE I'S HAVE I'S HAVE I'S BOTTOM,	FIELD 418.1 C	ALCULATIONS)) mL. FREON [DILUTION READING CA	LC. ppm
SCALE	AUTER PIT HAVE I'S HAVE I'S HAVE I'S BOTTOM,	No Discolora	ALCULATIONS)) mL. FREON [PROFILE	
SCALE SCALE TT	ALTER PIT HAVE I TIME SAMPLE I.D. METER SAMPLE SAM	FIELD 418.1 C LAB No: WEIGHT (C OVM RESULTS FIELD HEADSPACE PID (SPM)	ALCULATIONS)) mL. FREON [PROFILE	
SCALE SCALE PIT PERIM	ALTER PAT HAVE I TIME SAMPLE I.D. METER SAMPLE 10 12015	FIELD 418.1 C LAB NO: WEIGHT (OVM RESULTS FIELD HEADSPACE PID (PPPM) 7 46	ALCULATIONS)) mL. FREON [DILUTION READING CA	
SCALE SCALE PIT PERIM	TIME SAMPLE I.D. METER SAMPLE SAMPL	FIELD 418.1 C LAB NO: WEIGHT (OVM RESULTS FIELD HEADSPACE PID (PPPM) 7 46	ALCULATIONS)) mL. FREON [PROFILE	
SCALE SCALE PIT PERIM	ALTER PT HAVE I TIME SAMPLE I.D. METER SAMPLE 1.00 15 2.00 15 2.00 15 3.4	FIELD 418.1 C LAB NO: WEIGHT (OVM RESULTS FIELD HEADSPACE PID (PPPM) 7 46	ALCULATIONS)) mL. FREON [PROFILE	
SCALE SCALE O FT PIT PERIM	TIME SAMPLE I.D. TIME SAMPLE I.D. METER SAMPLE 1.0. 2.0. 3.	FIELD 418.1 C LAB NO: WEIGHT (OVM RESULTS FIELD HEADSPACE PID (PPPM) 7 46	ALCULATIONS)) mL. FREON [PROFILE	
SCALE O FT PIT PERIN	ALTER PT HAVE I TIME SAMPLE I.D. METER SAMPLE 1.00 15 2.00 15 2.00 15 3.4	FIELD 418.1 C LAB NO: WEIGHT (OVM RESULTS FIELD HEADSPACE PID (PPPM) 7 46	ALCULATIONS)) mL. FREON [PROFILE	
SCALE SCALE PIT PERIN	TIME SAMPLE I.D. TIME SAMPLE I.D. METER SAMPLE 100 15 200 15 200 15 3 4 5	FIELD 418.1 C LAB NO: WEIGHT (OVM RESULTS FIELD HEADSPACE PID (PPPM) 7 46	ALCULATIONS)) mL. FREON [PROFILE	
SCALE O FT PIT PERIN	ALTER PT HAVE I TIME SAMPLE I.D. METER SAMPLE 1.00 15 2.00 15 2.00 15 3.4	FIELD 418.1 C LAB No: WEIGHT (S OVM RESULTS FIELD HEADSPACE PID (ppm) 3 88	ALCULATIONS)) mL. FREON [PROFILE	
SCALE SCALE PIT PERIN	ALTER PIT BOTTOM, TIME SAMPLE I.D. METER SAMPLE 1.D. 1 C. O. I. C.	FIELD 418.1 C LAB NO: WEIGHT (C OVM RESULTS FIELD HEADSPACE PID (PPM) 3 88 AB SAMPLES	ALCULATIONS)) mL. FREON [PROFILE	
SCALE SCALE PIT PERIN	ALTER PIT BOTTOM, TIME SAMPLE I.D. METER SAMPLE I.D. SAMPLE I.D. 1 0 0 10 10 10 10 10 10 10 10 10 10 10 1	FIELD 418.1 C LAB NO: WEIGHT (C OVM RESULTS FIELD HEADSPACE PID (PPM) 3 88 AB SAMPLES ANALYSIS TIME	ALCULATIONS)) mL. FREON [PROFILE	
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SCALE SCALE PIT PERIN	TIME SAMPLE I.D. TIME SAMPLE I.D. METER SAMPLE 1.D. 100 100 200 3 4 5	FIELD 418.1 C LAB NO: WEIGHT (C OVM RESULTS FIELD HEADSPACE PID (PPM) 3 88 AB SAMPLES ANALYSIS TIME	ALCULATIONS)) mL. FREON [PROFILE	
SCALE O FT PIT PERIN N IS D D D D D D D D D D D D D	TIME SAMPLE I.D. TIME SAMPLE I.D. METER SAMPLE 1.D. 100 100 200 3 4 5	FIELD 418.1 C LAB NO: WEIGHT (C OVM RESULTS FIELD HEADSPACE PID (PPM) 3 88 AB SAMPLES ANALYSIS TIME	ALCULATIONS)) mL. FREON [PROFILE	



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / Dugan	Project #:	04034-10
Sample ID:	Separator C @ 10'	Date Reported:	09-24-98
Laboratory Number:	D957	Date Sampled:	09-23-98
Chain of Custody No:	6275	Date Received:	09-24-98
Sample Matrix:	Soil	Date Extracted:	09-24-98
Preservative:	Cool	Date Analyzed:	09-24-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	oncentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	1.0	0.1
Total Petroleum Hydrocarbons	1.0	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

A New Dawn #3.

Analyst

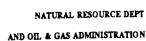
Review Jende

CHAIN OF CUSTODY RECORD

Client / Project Name	4		Project Location	# #			ANALY	'SIS / PAR	ANALYSIS / PARAMETERS		
	7		Client No.	0403410	sıəni					Remarks	
a No./	Sample Date	Sample	Lab Number	Sample	Conta	108					
	9-53-68	02//	D 957	Soil	× -	_					
	1	1430	D958	11	_	X					
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			deservations of the second								
	_										
Relinquished by: (Signature)				Time	Received by: (Signature)	nature)	2		S	Date	Time
Refinquished by: (Signature)	8			7-24-70 01-42-7 Réce	Received by: (Signature)	nature)	3	3		2 -	
Relinquished by: (Signature)				Reck	Received by: (Signature)	nature)					
				FOVIROTECH IOC	CHU	2			Sample	Sample Receipt	
				-						>	N/N
				5796 U.S. Highway 64 Farmington New Mexico 87401	Jhway 64 Mexico 87	£04		_	Received Intact	7	
				(505) 632-0615	-0615	-			Cool - Ice/Blue Ice	. 1	\

NATURAL RESOURCE DEPT

JICARILLA APACHE TRIBE ENVIRONMENTAL PROTECTION OFFICE P.O. BOX 507 **DULCE, NEW MEXICO 87528**





ON-SITE SOIL REMEDIATION REPORT

Live en		
Operator: DUGAN PROD CORP.		Telephone: <u>325, 182)</u>
Address: 709 E MURRAY DE	FARMINGTO	N NM. 87401
Facility or Well Name: A NEW		
Location: Unit or Qtr/Qtr Sec	Sec_ <u>23</u> T <u>2</u>	41 R SW County PIO APRIBA
Land Type: <u>PANBE</u>		
Date Remediation Started: 9.23	98	Date Completed:
Remediation Method: Landfarmed		Approx. cubic yards
Composted		
Other		
epth To Groundwater:	(pts.)	Final Closure Sampling:
Distance to an Ephemeral Stream	_	Sampling Date: 7.13.99 Time: 1135
Distance to Nearest Lake, Playa, or Watering Pond	(pts.)	Sample Results: Field Headspace (ppm) 12.6
Wellhead Protection Area:	(pts.)	TPH (ppm) <u>208</u> Method (8015)
Distance To SurfaceWater:	(pts.)	Other
RANKING SCORE (TOTAL POIN	NTS):	
I HEREBY CERTIFY THAT THE INFO	ORMATION ABOV	E IS TRUE AND COMPLETE TO THE BEST OF MY
DATE 9-24-99	PRINTED 1	NAME JEFFREY C. BLAGE
		AND TITLE <u>NMPE</u> 11607
ACCORDANCE TO THE JICARILLA	APACHE IRIDE F	
APPROVED: YES NO	(REASON)	
SIGNED: Le CM	DATI	E: 9-27-99

CLIENT: DUBAH	BLAGG ENGI	NEERING, INC.	LOCATION NO:
	(505)	632-1199	
FIELD REPORT:	LANDFARM/COM	POST PILE CLOSUR	E VERIFICATION
_OCATION: NAME: A NEW!	DAWN WELL #: 3	PITS: SEP	DATE STARTED: 7.13.99 DATE FINISHED: 7.15.99
QUAD/UNIT: D SEC: 2	3 TWP: Z4N RNG: SW 800W CONTRACTOR:	PM: NM CNTY: RA ST: NN	ENVIRONMENTAL SPECIALIST: PEP
SOIL REMEDIATION:			VARDAGE: 150
REMEDIATION SYS	STEM: LANDFARM RANGE		
DEPTH TO GROUNDWATER: >/	OO' NEAREST WATER SOURCE	E: > 1000' NEAREST SURF	ACE WATER: > 1000
BANKING SCOPE.	O NMOCD TPH CLOSURE ST	TD: <u>5000</u> PPM	
AL APPROPRIENT STAINING	DEANLIE SAND. NON COP IG OBSERVED. NO HC OD	HESIVE, SUBHTLY MOIST, F OR DETECTED, SAMPUNG D MOSUTE SAMPLE FOR LA	EPTHS
RANGE FROM 6"-10"	COLLECTED A SPT. CO	MPOSITE SAMPLE FOR LA	BANACTOIS.
: 		18.1 CALCULATIONS HT (g) ml. FREON DILUTION REA	DING CALC: ppm
SAMP. TIME	SAMPLE I.D. LAB No: WEIGH	HI (g) ML. FREON BILOTION KE	
SKETCH/SAMI	PLE LOCATIONS	_	
	1		
	(a)	OVM RESULTS	LAB SAMPLES
90'			AMPLE ANALYSIS TIME RESULTS
		LF-1 12.4 LF	1 (BOIS) 1135 208
•			
0			
126.			
	79° W		
0	1	SCALE	
	-	0 FT	
TO WIFE NAMES		ONSITE: 7.13.99	
TRAVEL NOTES: CALL	OJT: _ <i>NA</i>	ONSITE.	



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

	Blagg / Dugan	Project #:	403410
Client:	LF - 1	Date Reported:	07-15-99
Sample ID:	F668	Date Sampled:	07-13-99
Laboratory Number:		Date Received:	07-14-99
Chain of Custody No:	7089	Date Extracted:	07-14-99
Sample Matrix:	Soil		07-14-99
Preservative:	Cool	Date Analyzed:	•,
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Parameter	, , , , , , , , , , , , , , , , , , , ,	
Gasoline Range (C5 - C10)	0.9	0.2
Diesel Range (C10 - C28)	207	0.1
Total Petroleum Hydrocarbons	208	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

A New Dawn 3

5 Pt. Composite.

Den L. Open

Stacy W Sendler
Review

7	Cool - ice/Blue ice	0615	(505) 632-0615				
\	Received Intact	hway 64 Mexico 87401	5796 U.S. Highway 64 Farmington, New Mexico 87401				
Y N N/A							
eipt .	Sample Receipt	CHINC	ENVIROTECH INC				
		Received by: (Signature)	Recei			ure)	Relinquished by: (Signature)
		Received by: (Signature)	Recei			ure)	Relinquished by: (Signature)
te Time	2.149	Received by: (Signature)	Date Time Recei			ure)	Relinquished by (Signature)
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\	coor						
SAMPLE POESEAVE	SAMPLE						
CONPOSIE	SPR CON	7	5016	8993	1135	7.1399	LF-1
		No Cont	Sample Matrix	Lab Number	Sample Time	Sample Date	Sample No./
Remarks	Ren	o. of rainers	0	Client No. 403410			Sampler:
	METERS	ANALYSIS / PARAMETERS	mari 3	A NEW DAWN 3		PAN	BALL DUGAN
				Project Location			Client / Project Name