1R- 184

REPORTS

DATE: 196

MONUMENT N.M.

	MONUMENTS	REPLACE	MENTY			MPLES BY	
2 3	CHEMICAL	DATE	6/5/86	6/9/86	6/9/86	6/10/86	6/10/86
	PARAMETERS	Time	9:20AM	7:35 Am	3:38PM	12:4/5PM	7:35801
	ORGANICS	ZABI	86-0675-C	86-0705-C	86-0709-8	86-0702-6	86-0706-C
2	DPURGABLES.						
3	NATURAL GAS COMPONENT	本					3
5	METHANE		490 PPM	930 APM	114 PPM 5 PPM	96 PPM	75 PPM 5
6	PROPANE		13 Ram	20 PPM	4 Prm		2 Ppm 6
. 7	ISOBUTANE		3 PAM	7 PRM		2.3 ppm	
9	BUTANE ISOPENTANE		7 660	6 Pam		2-2 PPM	1-11211
10	PENTANE		16 Rem				
11	A) AROMATICS		111110	TRACE			
13	BENZENE			10001	.001111	0.002/81	0.005 FFM
14	AA - XYLENE						40.001
15	O- XYLENE						
17	P - XYLENE B) HALOGENATED		والا	NID	W/D	NIO	NO
18	DECTIONLimit						
19 20	2) EXTRACTABLES	 					1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
21	GENERAL CHEMISTA		1 3 2				WC 2565 2
22	SOOLUM		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				82.8 PPm 2
23 24	POTASSIUM						6.4 PPM
25	CALCIUM						700 PPP 3
26	MAGNESIUM						30.7 PPm
27 28	CHLORIDE						510.41 PPM ?
29	EL VORIDE ALKALINITY						183 Ppm
30	BICARBONATE						223.5 PPM 3
31	CAR BONATE						0.0 ppm 3
33	SOL FATE TOTAL FILTERAGE	E RES. (TOS)					1750 PPP 3
34	CONDUCTANCE	11 1 1 1 1 1 1 1 1 1					1830
35	PH						7.6/ 3
37	The second secon						
38 39	I-CAP						MM 1097
40	BALIUM	<u> </u>					0. 3 ppn 4
41	BERYLIUM						(0.1 ppm 4
42	BORON						0.1000
44	CALCIUM						260. Ppm 4
45	CHROMIUM			W. F. F.			(0.1 PM) 1
46	COBALT	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -					(0.1PPM)
48	COPPER ERON						0.3 PPN
49	LEAD	k 8					< 0.1 rom 1
50	MAGNESIUM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					33 PPM
	MAGANESE 12-06-10-1 - ME71-6- WHIND " BOUND - GT DA GREEK - 71941	weite		TOTAL TOTAL CONTROL OF THE PARTY OF THE PART			KOIPPA
33	MOLY DO ENUM						20.1 ppm
34	NIC KEL						<0.1 Ppm
35 36	3/2/2024		- 				19 PRM
37	STRONTIUM						1.8 PM
38	TIN	- - - - - - - - - -					<0.1 PPM
39 40	VANADIUM	- - - - - - - - - -	+ + + + + + + + + + + + + + + + + + + +		. - - - - - - -		(0.1 Prm
41	ZINC						D.7 48 "
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43 44		- - -		- - - - - - - - - -			
45			- -				
46			_				
47			. 11 . .	. - - - - - - -			
97 98		' !	' '		1	4	4

		YSES REQUESTED	BOXES BELOW TO	TNDIC.		HB. No.: ORG-					
PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS REQUIRED. WHENEVER POSSIBLE LIST SPECIFIC COMPOUNDS SUSPECTED OR REQUIRED.											
(UAL ITAT 1VE	QUANTITATIVE	PURGEAI SCREE		QUALITATIVE	QUANTITATIV	EXTRACTAE SCREENS					
		ALIPHATIC HYDROCARBON AROMATIC HYDROCARBON HALOGENATED HYDROCARS GAS CHROMATOGRAPH/MAS	SCREEN BON SCREEN			ALIPHATIC HYDROCAR CHLORINATED HYDROC CHLOROPHENOXY ACID HYDROCARBON FUEL SO ORGANOPHOSPHATE PER POLYCHLORINATED BIR POLYNUCLEAR AROMAT TRIAZINE HERBICIDE	ARBON PESTICIDES HERBICIDES CREEN STICIDES PHENYLS (PCB's) IC HYDROCARBONS				
		SPECIFIC COMP	POŪNDS			SPECIFIC COMP	OUNDS				
	· 1	natural gas		-							
		V									
	DENA PRO										
REN	REMARKS:										
	ANALYTICAL RESULTS										
(COMPOUND [PPB]										
1/A	MIR	AL GAS IN HEA	OSPACE	_							
	_1	PETHANE	75 ppm								
	E	THANE	4 ppm								
		nopane	2 ppm								
			70								
		·				44					
		· · · · · · · · · · · · · · · · · · ·									
				* 1	DETE	CTION LIMIT					
R	EMAI	RKS:									
C	hora	marographic F	NOOT DAILE	0/-)	Yanias in He	An CARCE				
	S	CONSISTERT CO	7h Thar	a F	<u> </u>	DATURAL ORS					
	320	CLUD DATA 1	v form	\mathcal{L}	70	9					
Seal	(s)	Intact: Yes NO	ERTIFICATE OF AN. Seal(s) broke	n by:			ate:				
I ce	rtif	y that I followed star	and that the st	proce atemer	edure	es on handling and and n this block and the	alysis of this analytical data				
on t	his	page accurately refle	ct the analytical	l rest	ılts	for this sample.	anday cadda adda				
	on this page accurately reflect the analytical results for this sample. Date(s) of analysis: 6/16/86 . Analyst's signature: & Society Correctly that I have reviewed and concur with the analytical results for this sample and with the statements in this block. Reviewers signature:										

	·		<i>y</i>				
PLI	EASE	YSES REQUESTED CHECK THE APPROPRIATE ED. WHENEVER POSSIBLE			ATE 🗄		AL SCREENS
QUALITATIVE	QUANTITATIVE	PURGEAI SCREE ALIPHATIC HYDROCARBON AROMATIC HYDROCARBON HALOGENATED HYDROCARI GAS CHROMATOGRAPH/MAS SPECIFIC COMF	NS SCREEN SCREEN BON SCREEN SS SPECTROMETER	QUALITATIVE	QUANTITATIVE	EXTRACTAI SCREEN ALIPHATIC HYDROCAI CHLORINATED HYDROC CHLOROPHENOXY ACID HYDROCARBON FUEL ORGANOPHOSPHATE PI POLYCHLORINATED BE POLYNUCLEAR AROMAI TRIAZINE HERBICIDI SPECIFIC COMP	RBONS CARBON PESTICIDES D HERBICIDES SCREEN ESTICIDES IPHENYLS (PCB's) TIC HYDROCARBONS ES
			CUNDO	ļ.,		DI LCTI TC COIII	0000
	-	· NAtural GAS		-			
REMA	RĶS	:					
<u> </u>							
		A	VALYTICAL	RF:	5111	TS.	
			WILL THE STILL				
	201	1POUND		C	OMI	POUND	[PPB]
NATU	ENA	GAS IN DEADSPACE					
		MOTHANE	96 ppm				
		ETHANE	3,5 ppm				
		Propane	2.1 ppm				
		ISOBUTANE	2.3 ppm				
		BUTANG-	2.2 ppm				
			· · · · · · · · · · · · · · · · · · ·				
				*	DETE	CTION LIMIT	
RI	EMA	RKS:					
_ <i>C\f</i> 2 _2	x00	' / 77	that of	`		RAL OFS	The heap gape
13 6	1010					_ /	
Seal I ce samp on t	(s) rtii le u	Intact: Yes NO fy that I followed star unless otherwise noted page accurately reflect of analysis: 6/16/86	ndard laboratory and that the st at the analytica . Analys	n by: proce atement l resu t's si	edure nts i ilts ignat	es on handling and aren this block and the for this sample.	e analytical data
T CG	rtl	fy that I have reviewed	and concur wit	n the	ana]	lytical results for	Mis sample and

with the statements in this block. Reviewers signature:

- PLEASE	YSES REQUESTED CHECK THE APPROPRIATE RED. WHENEVER POSSIBLE			ATE T		L SCREENS
· ·	CED. WILLIEVER 1035 EBLE	TIDI DIEGITIC C	,,	[7]	3031ECIED OK REQUIRED	
QUALITATIVE QUANTITATIVE	PURGEA		QUAL ITAT IVE	QUANTITATIV	EXTRACTAE	_
QUAI	SCREE	NS ·	QUAI	QUA	SCREEN!	<u> </u>
	ALIPHATIC HYDROCARBON AROMATIC HYDROCARBON HALOGENATED HYDROCARI GAS CHROMATOGRAPH/MAS	SCREEN SON SCREEN			ALIPHATIC HYDROCAR CHLORINATED HYDROC CHLOROPHENOXY ACID HYDROCARBON FUEL S	ARBON PESTICIDES HERBICIDES
	CAS CHACTERIOGRAFIA	3 SPECIROPETER		 	ORGANOPHOSPHATE PE	
					POLYCHLORINATED BI	
					POLYNUCLEAR AROMAT	·
				├──	TRIAZINE HERBICIDE	
					TRIAZINE HERBICIDE	2
	SPECIFIC COMP	OUNDS			SPECIFIC COMP	OUNDS
	national gas			ļ		
	0		-	ļ		
·				ļ		
REMARKS	<u> </u>			<u> </u>		
KERKKKS					<u> </u>	
	Al	VALYTICAL	RE	SUI	TS	
COI	MPOUND	REPER !	С	OM	POUND	[PPB]
DATUR	AL GAS IN GEARS	ORCES				
\mathcal{M}	CTHANG	114 poru				
,	thans-	5 porce	_			
P	Yinga	4 00 an				
	JANE	1 1750				
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			¥.	DETI	ECTION LIMIT	
REMA	DVC.		_!			I
KEIII	; CANI	**************************************				
						
	CT	RTIFICATE OF AN	<u>አተ ምምገ</u>	י א ד.	PERCONNET	
Seal(s)	Intact: Yes NO .					ite:
I certi	fy that I followed star	dard laboratory	proce	edur	es on handling and ana	alysis of this
	unless otherwise noted					analytical data
	page accurately reflect of analysis: 6/16/8					· -
I certi	fy that I have reviewed	l and concur wit	t 5 S. h the	ana	lytical/results for the	nis sample and
	e statements in this bl					

- 86- 07 B	SCIENTIFIC LALL ORY DIVISION TO CAP DE Salud NE
ENVITONMENT	Albuquerque A 87106 841-2570
1 1 successions	Priority 2
REPORT TO: Oscar Simpson	S.L.D. No.: OR- 709-A
ETO Water Supply	DATE REC. : 6/12/86
- Santa Me	PHONE $827-2777$ USER CODE: $ S O O / S $
CONTAINERS WHICH ACCOMPANY THIS FORM AR	
SUBMITTER: Roll Ruffner	CODE:
SAMPLE TYPE: WATER , SOIL , OTHER	CODE:
COLLECTED: 61 9186 - 3:38PMBY R. Ruff	Nef CODE: Y Y H H D D H H H I I I
SOURCE: New Monument Well B	CODE: + + +
NEAREST CITY: Monument	CODE:
	CODE:
pH=; Conductivity=umho/cm a	
Dissolved Oxygen=mg/l; Alkalinity	_
Sampling Location, Methods and Remarks	(i.e. odors, etc.)
I certify that the statements in this be of my field analyses, observations and	lock accurately reflect the results
Method of shipment to the Laboratory	A 11
This form accompanies Septum Vials, Containers are marked as follows to individual NP: No preservation; sample served in an ice in P-Na ₂ S ₂ O ₃ ; Sample preserved with Na ₂ S ₂ O ₃ S ₃ S ₂ O ₃ S	/ Glass Jugs,
I (we) certify that this sample was tran	nsferred from
to at (location	on on
	ments in this block are correct.
Signatures	·
(we) certify that this sample was trans	sferred from
toat (location	
and that the statem	ments in this block are correct.
Evidentiary Seals: Not Sealed Sea	als Intact: Yes 🔃 No 🔲
Signatures	

<u> </u>	-} - -	**	·				
	SE	YSES REQUESTED CHECK THE APPROPRIATE			ATE T	.AB. No.: ORG-	SCREENS
QUALITATIVE	-	PURGEAI SCREEI	BLE NS	QUAL ITAT IVE	QUANTITATIVE	EXTRACTAB SCREENS ALIPHATIC HYDROCARE	LE 3
		AROMATIC HYDROCARBON HALOGENATED HYDROCARE GAS CHROMATOGRAPH/MAS	ON SCREEN			CHLORINATED HYDROCA CHLOROPHENOXY ACID HYDROCARBON FUEL SC ORGANOPHOSPHATE PES POLYCHLORINATED BIP POLYNUCLEAR AROMATI TRIAZINE HERBICIDES	ARBON PESTICIDES HERBICIDES CREEN STICIDES PHENYLS (PCB's) C HYDROCARBONS
		SPECIFIC COMP	OUNDS			SPECIFIC COMPO	DUNDS
REMARI	KS	:					
		AL	VALYTICAL	RE:	SUL	TS	
		1POUND		1		POUND	[PPB]
VATE P	<i>N</i>	METHANE ETHANE PRIPANE ISOBUTANE BUTANE	20 ppm 20 ppm 20 ppm 7 ppm 6 ppm				
				*]	DETE	CTION LIMIT	
REM Chro Con Ba	1AI 2 S	issent with	SATURAL ENTIFICATE OF AN	0 L 9A 70 G	s.,	ERSONNEL	p space is

Seal(s) Intact: Yes NO . Seal(s) broken by:

I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements in this block and the analytical data on this page accurately reflect the analytical results for this sample.

Date(s) of analysis: 6/16/86 . Analyst's signature:

I certify that I have reviewed and concur with the analytical results for this sample and with the statements in this block. Reviewers signature:

SCIENTIFIC LA JRY DIVISION 700 no de Salud NE 1 ENVIYONMENT Privity 2
REPORT TO: <u>Oscar Simpson</u> ETO Witer Supply S.L.D. No.: OR- 705-A-B DATE REC.: 6/12/86 PHONE 827-2777
USER CODE: 5 0 0 / 4 CONTAINERS WHICH ACCOMPANY THIS FORM ARE COLLECTIVELY REFERED TO AS SAMPLE.
SUBMITTER: Rolf Ruffue CODE:
SAMPLE TYPE: WATER , SOIL , OTHER CODE:
COLLECTED: 6/9/86-7:35AMBY R. Ru Anet CODE: YYM M D D H H M M I I I
SOURCE: New Monwort Well B CODE: + +
NEAREST CITY: CODE:
LOCATION: CODE:
pH=; Conductivity=umho/cm atOC; Chlorine Residual=
Dissolved Oxygen=mg/l; Alkalinity=; Flow Rate
Sampling Location, Methods and Remarks (i.e. odors, etc.)
709pm WATER SUPPLY
REGULATION SECTION I certify that the statements in this block accurately reflect the resultson
of my field analyses, observations and activities. Religible
Method of shipment to the Laboratory Puralator
This form accompaniesSeptum Vials,Glass Jugs,Containers are marked as follows to indicate preservation: NP: No preservation; sample stored at room temperature. P-Ice Sample stored in an ice bath (not frozen). P-Na ₂ S ₂ O ₃ ; Sample preserved with Na ₂ S ₂ O ₃ to remove chlorine residual.
I (we) certify that this sample was transferred from
to at (location) on
and that the statements in this block are correct.
Evidentiary Seals: Not Sealed Seals Intact: Yes No Signatures
(NA) contify that this cample was transferred from
<pre>(we) certify that this sample was transferred from to at (location) on</pre>
and that the statements in this block are correct. Evidentiary Seals: Not Sealed Seals Intact: Yes No Signatures

PL	EASE	YSES REQUESTED CHECK THE APPROPRIATE ED. WHENEVER POSSIBLE			ATE T		L SCREENS			
QUALITATIVE	QUANTITATIVE	PURGEAI SCREE		QUALITATIVE	QUANTITATIV	EXTRACTAB SCREENS	-			
		ALIPHATIC HYDROCARBON AROMATIC HYDROCARBON HALOGENATED HYDROCARI GAS CHROMATOGRAPH/MAS Suspected petroleum	SCREEN BON SCREEN SS SPECTROMETER			ALIPHATIC HYDROCARE CHLORINATED HYDROCA CHLOROPHENOXY ACID HYDROCARBON FUEL SO ORGANOPHOSPHATE PES POLYCHLORINATED BIF POLYNUCLEAR AROMATI TRIAZINE HERBICIDES	ARBON PESTICIDES HERBICIDES CREEN STICIDES PHENYLS (PCB's) C HYDROCARBONS			
	-	SPECIFIC COMP	POUNDS			SPECIFIC COMPO	PAUNUS			
REM	IARKS			_ 	<u> </u>					
	ANALYTICAL RESULTS									
	COMPOUND [PPB] COMPOUND [PPM]									
a ha	490 pm 13 11 13 11 3 11 4 11 7 11 16 11 1 19 11									
Sea I consami	l(s) ertif ple u	natographic fu	ERTIFICATE OF ANA Seal(s) broken dard laboratory and that the sta	LYTION by: procentement	CAL Fedure	da da son handling and ana dan this block and the for this sample.	te: lysis of this			
		y that I have reviewed statements in this b					Is sample and			

M

4-4	SLD user code No.		-	Hadiological)	TRAW WATER		x	hadar	7				l/gm	-	•				•		•	(1)					NO
I structed	565			U	one:	TREATED WATER	Bacar Somber	white is	IN grade	1 and	LAT.	2000		ORGANIC	39390	Endrin	39732	Lindane	38270	Methoxychlor	39400	aliandex o t	7678	SILWIN	39740	1 (Silvex)	- 1	
July	188 ab No.		[Organic	Check one:		Report to	Address	V '		,								-		RADIOLOGICAL PCI/I	oha	pCi/I	10 BIG		36 111	PCI/I DT FR	REGUL
	Date received C. III		L ANALYSIS	dary	Commy	Cep					Well-Depth	Untrier (specify)		PARAMETER						,	RADIOL	Gross Alpha	03501	Gross Beta	09501	Radium-2	11501 Radium.228	אַ-װמוחיאַ-
Į.		LL POINT PEN.	TYPE of CHEMICAL ANALYSIS	Complete Secondary	\	¥	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1			□ Lake	1,000		l/gm		•		•		•		•		•				•
VANA VOES	S	RINT WITH BA	3		ocation	Monumen	Collector's remarks					- Corream	7/14/17	METALS	01000	Arsenic	01005	Barium	01025	Caullinnin	01030		01049	Lead	07180	Mercury	01145	36161114111
V IVJIJANA R	SAMPL	E. TYPE OR PI	PARAMETER GROUP	3	2 ,	<u> </u>	Collector				SOURCE:				l/6m	1750		-		1830		7.61			1/6w	•		•
HEWICA: PAGE BE	for WATER	FOR PROPER PRESERVATION OF SAMPLES. CONSULT DEFINITIONS ON REVERSE. TYPE OR PRINT WITH BALL POINT PEN	INTERIM PRIMARY PARA	1 2	water supply system code No.	21-13	, , ,	head	,	raplan		Lagu-community		PHYSICAL	70300	Total Filterable Residue	38260	Agents (as Las)	00095	Micromhos 25°C	00400	Ī.	01330	Odor	08000		00070	לווהומוחו
		USULT DEFINI			Water Sup	S	Collection Point	well	4	in the	\ [mg/I		4015		•		•		183		223.5		00		0.14
State of New Mexico	OIVISION	OF SAMPLES. CON	Check individual items for analysis	I Mark appropriate DOX [est]	11.11	16		7:85PM	Owner)	-1		ANIONS	00040	Chloride (as CI)	05600	(as F)	00620		00430	(as CaCO ₃)	00440	Bicarbonate (as HCO ₃)	00445	Carbonate (as CO ₃)	00945	(as SO ₄)
late of New Mexico	HEALTH and ENVIRONMENT DE SCIENTIFIC LABORATORY DIVISION	ESERVATION	Check individ	IMBIK APP	em Name	romanno 1	5	\dashv		Pro	EM (Check one)	1001		mg/1		8178		7.1.0		700		229.6		307		•	1	•
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FOR PROPER PR	CHEMICAL	ANAL TSES:	Water Supply System Name	new M	ion Dai	98-01-9	Collected By	M. Lang	TYPE of SYSTEM (Check one)		-	CATIONS	00030	Sodium (as Na)	00935	(as K)	00600	(as CaCO ₃)	00915	(as Ca)	00925	Magnesium (as Mg)	01045	ron-Total (as Fe)	01056	(as Mn)

LABORATORY REMARKS:

Date reported

Reviewed by

01075 Silver

State of New Mexico
HEAITH and ENVIRONMENT DEPARTMENT
SCIENTIFIC
LABORATORY DIVISION

CHEMICAL and PHYSICAL ANALYSES for WATER SAMPLES

M Date received	moreta so	SLD USer code No.	
6/12/86	1001 MH	50014	.;; —
]]]
ICAL ANALYSIS			

FOR PROPER PRECHEMICAL CANALYSES:	SERVATION O	SERVATION OF SAMPLES. CONS Check individual items for analysis [Mark appropriate box [es]]	VSULT DEFINI	FOR PROPER PRESERVATION OF SAMPLES. CONSULT DEFINITIONS ON REVERSE. TYPE OR PRINT WITH BALL POINT PEN. CHEMICAL Check individual items for analysis INTERIM PRIMARY PARAMETER GROUP TYPE of CHEMICA ANALYSES: [Mark appropriate box(es)]	E. TYPE OR P. METER GROU	RINT WITH BAI	BALL POINT PEN. TYPE of CHEMICAL ANALYSIS Complete Secondary	L ANALYSIS	Organic		Radiological
Water Supply System Name	Name		Water Sup	Water Supply System Code No.	City or	1		County		one:	
New m	nonumen.	twell	37	5/-/3		manual	X	Lex	TT	ED WATE	FRAW WATER
on Date			Collection Point	/ /	Collecto	Collector's remarks		Re	Report to	STUART / CA	CASTLE
98-01-9	7135	PM	well	Sead	_	nel	market	A.d.	A.ddress	7 70	
Collected By	_ 2	Owner	er Cetter,	ilm					77	1-With	hodant
-	₫.	1			SOURCE:		Lake	- Jewell-Depth			
LANNAIE	rubric	Community		Non-community	Drain	n UStream	LPool	Other (specify)		LONG	
						HEAVY					
CATIONS	mg/i	ANIONS	l/bw	PHYSICAL		METALS	l/gm	PARAMETER		ORGANIC	mg/l
00930 Sodium	-	00940 Chloride		70300 Total	l/gm	01000 Arsenic		XICAD		39390 Endrin	
(as Na)		(as CI)		Filterable Residue			•			· · · · ·	. 1
00935 Potassium		00950 Fluoride		38260 Foaming		01005 . Barium			:	39732	
(as K)	•	(as F)		Agents (as Las)		_	•	. !			•
00800		00620		00095		01025				38270	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
(as CaCO ₃)		(as N)		Micromhos 25°C		Cadimum	•			Methoxychior	
	50	00430	5,41	00400		01030	1.5	RADIOLO	RADIOLOGICAL PCI/I	39400	3
SW.		(as CaCO ₃)		I d	•	Caromic	•	Gross Alpha	- RE	loxaphene	
JUI S A F ILA	750	00440		01330		01049		03501	1/12d	39730	
2 (6W ST TIO))))	(as HCO ₃)		Odor	-	Lead	•	Gross Beta		2, 4-D-	
2 (S)	357	00445		00080	l/6m	07180		09501 Padim 226	pCI/I	39740	
EC C	V,	(as CO ₃)	•			, included		78000		(Silvex)	
0 01656	[BY	00945		0000		01145		11501	pCi/i		
		(as 504)		י מנסומונא	•	lliniualac	•	272-IIIIIII			
			,			01075					
	2		•			Silver	•				
LABORATORY R	REMARKS:	-:-/	V-K-					-	1 1 5		
	Jamps	1 0USB	alled,						al value	1. 1. Men	
	7		1+1	MAN	1111				Date	Orted L	\$
8	ree anac	20Ma	wheel the		3	2				123/8/	

Lab Number: HM 1097

Date Submitted: 6/12/86

By: P Lutjens

Date Analyzed: 6/19/86.

Reviewed By: Jally

Date Reported: 6/23/86

Element	ICAP VALUE(MG/L)	AA VALUE (MG/L)
Aluminum	40.1	
Barium	0.3	. Antiquation of the contract
Berylium	20.1	
Boron	0.1	
Cadmium	40.1	Mary Control of the C
Calcium	260.	;
Chromium	40.1	· .
Cobalt	40.1	· · · · · · · · · · · · · · · · · · ·
Copper	20.1	:
Iron	0.3	
Lead	40.1	-
Magnesium	<i>33</i>	Security and the second section and the second section
Manganese	40.05	Para-formation-formation-based
Molybdenum	20.1	
Nickel	<u> </u>	
Silicon	19.	
Silver	40.1	
Strontium	1.8	4
Tin	40.1	
Vanadium		
Zinc	. 40-1	
Arsenic		
Selenium		
Mercury		

MONUMENT N.M.

MONUMENT REPLACE MENTWELL - WATER SAMPLES BY OCD 24 HR PUMPTEST

11 34 04 (9000000000000000000000000000000000					
CHEMICAL	. DATE	6/16/86	6/14/86	6/16/86	686/80
PANAMETERS	T. ME		1140 30-MINUTES		20
	LAB#	5742.7 .86-755-C	86-0752-C	-2 HRS 8 6-0753-5-7	36-0765 €
ORGANICS					
. 1) PURGABLES					
. A) NATURALGAS			N/Q		1/1
METAANE		14 PPM		23 PPM	. } . .
ETHANE		TRACE		TRACE	
PROPAME		TRACE		TITACE	
R) 10 1 Tins				11/0	
B) AROMA TICS			<i>N/D</i>	. , M/D	The state of the s
TOLUFINE					
ZYLENES					
· · · · · · · · · · · · · · · · · · ·					
C) HALOGENATED		N/D	N/O	N.10	1/0
DECTIONLINIT		0.005 Plm	0,005 Plm	0.005 Prm	005 pm
·					
GENERALCHEMI	5/17			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
CALCIUM			2/2 PPM		1646 arm
MAGNESIUM			27.800m		21.0 Pm
SODIUM			78.281M		Co opn
POTASSIUM			4.68 100	•	B.12 den
BICHRBONATE			219 PPM		2GZ Rin
CHLORIDE			384 PPM		wer pen
SULFATE			32.7 P.C.	,	56.10m
TOTAL FILTERABLE RE	SINUE (TOS)		1555 P.P.M.		048 Pam
CO3			O PPM		0 000
CONDUCTIVITY (4			1450C23°C	1410C 24°C	12:00 ZEC
MITTATE-NT NITHATE				2.38 PPM	1 1 1 1
AMMONIAN TOTAL				0.30 CPM	1. 24 KPA
TOTAL KJELDAHL-N		- :		0.500rm	0.5000

NOTE: SAMPLES COLLECTER ON GIGHT AND DELIVERED TOLASIN 6-20-86

SAMPLES: 186.755-C. HAD ASMAIL BUBBLE IN HEADSPACE, COLLECTED 6/16/26 AMAS, THE 6/2785

MONUMENT N. M. MONUMENT REPLACEMENT WELL - WATER SAMPLES 1,000 24 HR PUMPTEST

		== =			
CHEMICAL	DATE	6/16/86	6/16/86	6/17/86	6/17/86
PARAMETERS	TIME	1510	•	,	105
	14B#			X-0751-C	86-07-6-6
		= ಪ್ = : ಕ್ ್ಡ್ = : :	· -=	. *.	
DRGANICS					
1) PURGABLES	• • • • • • • • • • • • • • • • • • • •				
A) NATURALGAS			NID		
METHANE				818Pm	70 8111
ETHINE				1.200m	TRACE
PROPANE					97Pm
8					
B) AROMATICS		M/P	11/0	NID	11/0
BENZENE					, , , , , , , , , , , , , , , , , , , ,
TOLUEXIE					
XYL ENES					
\$ 			· · · · · · · · · · · · · · · · · · ·		
•					
C) HALOGENATED		N/D		<i>N_/D</i>	. N/D .
."	1 1				
DECTION LINIT		0.005PPn	1 .0.00511	0.001100	".5 Prm
	- <u> </u>				
GENERAL CHEM	2.5 Z. 17.7 L				
CALCIUM				247. OPM	
MAGNESIUM				35.8 1PM	
500.Um	+			87.4 PPM	
POTASSIUM				4.68 880	
BICAR BONATE		i		224 PPM	
CHLORIDE	!			558 PPM	
SOLFATE SOLFATE TOTAL FILTERABLE RE	sing to			67.2 PPM 1913. IPM	•
1 CO3	21/20 65. (2.750	/.		O PIM	
" CONIDUCTIV. TY (U	m Ha)			1600c20c	
NITRATE-NT NITROS				A B Falls F	
- AMMONIA M. TO			. ,		
TOTAL KJELDAHL					
·					
ិត់					
₹					

**					
42 g					

NOTE: SAMPLES COLLECTED ON 6/16+17/86 2FL-0000 FOX 650 - 177 20

SAMPLES: 1986-0754-C HADASMALL BUBBLE OF HEADSPACE COLLECTED 6/16 AVALUED 6/27 2) 86-0757-6 11 11 11 11 11 11 11

NO DATA ON HALOGENATED SEPTUM UPSIDEDOWN

3) FOR - COSTIC HAD A BOMALL BUBBLE OF HEXDS FACE . COLLECTED ON A HAR TO CO.

86- **0755-**C

SCIENTIFIC LABORATORY DIVISION :

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



REPORT TO:	David Boyer	s.L.D. No. OR- 755 - A. B
	N.M. Oil Conservation Division	DATE REC. 6/20/86
	P. O. Box 2088	
	Santa Fe, N.M. 87504-2088	PRIORITY
PHONE(S):	827-5812	USER CODE: 8 2 2 3 5
SUBMITTER:	David Boyer	CODE: 2 6 0
SAMPLE COLLI	ection code: (yymmddhhmmiii) 8 6 0 6	1/6/////01/8
SAMPLE TYPE	: WATER 🔀, SOIL 🦳, FOOD 🦳, OTHER:	CODE:
COUNTY: LE	EA ; CITY: MONUMEN	/T CODE: _
LOCATION COI	DE: (Township-Range-Section-Tracts) $1/95+3$	7 E+3 0+ 2 2 (10N06E24342)
required. Whenev	QUESTED: Please check the appropriate box(es) below (ver possible list specific compounds suspected or required PURGEABLE SCREENS	EXTRACTABLE SCREENS
<u>'=</u> '	atic Purgeables (1-3 Carbons) atic & Halogenated Purgeables	(751) Aliphatic Hydrocarbons (760) Organochlorine Pesticides
<u> </u>	Spectrometer Purgeables	[(755) Base/Neutral Extractables
(766) Trihal	!	(758) Herbicides, Chlorophenoxy acid
 ,,	r Specific Compounds or Classes	(759) Herbicides, Triazines
	EAD TEST	(760) Organochlorine Pesticides (761) Organophosphate Pesticides
		(767) Polychlorinated Biphenyls (PCB's)
		(764) Polynuclear Aromatic Hydrocarbons
		(762) SDWA Pesticides & Herbicides
Remarks: /	ST JAMPLE OF 24 HR TES	ア
FIELD DATA:	·	
pH=; C	onductivity= //50umho/cm at 33°C; Chlorine I	Residual=mg/l
Dissolved Oxyger	n=mg/l; Alkalinity=mg/l; Flow Rate	
Depth to water	ft.; Depth of wellft.; Perforation Interv	alft.; Casing:
Sampling Location	on, Methods and Remarks (i.e. odors, etc.)	
activities.(signatu This form accon	the results in this block accurately reflect the results of the collector):	
☐ NP:	No Preservation; Sample stored at room temperature.	
P-Ice	Sample stored in an ice bath (Not Frozen).	
P-Na ₂ S ₀ 3 CHAIN OF CU	Sample Preserved with Sodium Thiosulfate to remove	chlorine residual.
		2
at (location)	his sample was transferred from <u>O</u> . Bail	6 Ullilly
	S. Carlotte and Ca	
	in this block are correct. Evidentiary Seals: Not Sealed	Seals Intact: Yes No 🖂
Digitatutes	of course	C) Williamy
	Jse: Date Owner Notified Ph	one or Letter? Initials



This sample was tested using the analytical screer	ning method(s)	checked below:	
PURGEABLE SCREENS (753) Aliphatic Purgeables (1-3 Carbons) (754) Aromatic & Halogenated Purgeables (765) Mass Spectrometer Purgeables (766) Trihalomethanes Other Specific Compounds or Classes		EXTRACTABLE SCREENS (751) Aliphatic Hydrocarbons (760) Organochlorine Pesticides (755) Base/Neutral Extractables (758) Herbicides, Chlorophenoxy acid (759) Herbicides, Triazines (760) Organochlorine Pesticides (761) Organophosphate Pesticides (767) Polychlorinated Biphenyls (PCB's) (764) Polynuclear Aromatic Hydrocarbons (762) SDWA Pesticides & Herbicides	
····		AL RESULTS	COMO
COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC. [PPB]
Methans	11/20		
6) Thank	7977		
D	1.12	· · · · · · · · · · · · · · · · · · ·	
Propane	T.D.		
V			
aromatic purgeables +	N.D.		
halogenated Aurgeables+	ND		
- Lange state of the state of t			
* DETECTION LIMIT * *	5ppm	+ DETECTION LIMIT +	1006
ABBREVIATIONS USED: N D = NONE DETECTED AT OR ABOVE T R = DETECTED AT A LEVEL BELOW [RESULTS IN BRACKETS] ARE UNCONF	THE STATED		<i>,</i> '
LABORATORY REMARKS: This samp	ele haa	a small bubble of him	k pace
Seal(s) Intact: Yes No No Seal(s) broken by I certify that I followed standard laboratory procedure that the statements on this page accurately reflect to Date(s) of analysis: 6/1/86 Analyst's sign I certify that I have reviewed and concur with the Reviewers signature:	: Nandling ne analytical r nature:	esults for this sample.	and neg



New Mexico Health and English ment Department SCIENTIFIC LABORATOR SION 700 Camino de Salud NE Albuquerque, NM 87106 — (505) 841-2555

FOR OCD USE -- Date Owner Notified





DATE RECEIVED 6	20 86 N	O.WC-2784 USER CODE	59300	☐ 59600 XX OT	THER: 82	235	
Collection DATE 6 16 86		SITE Sample located	on /	MONUMENT		W WEG	
Collection TIME		ATION Collection site	description				
Collected by — Person/Age		/OCD			***************************************	·	
SEND NM FINAL St REPORT TO Sa	OIL CONState Land Inta Fe, David Boy		x 2088	}	Station/ well code		
SAMPLING CONI		, <u>, , , , , , , , , , , , , , , , , , </u>			Owner		
☐ Bailed 🗓	Pump Tap	Water level		Discharge		Sample type	
pH (00400)		Conductivity (Uncorrected)	umho	Water Temp. (00010)	23 °C	Conductivity at 25	°C (00094) µmho
Field comments	30 /	n,N. /NTO	7ε.	57			
SAMPLE FIELD T	REATMEN	T — Check proper boxes					
No. of samples submitted	Ü₽NF		Itered in f 45 µmen	ield with	ml H₂SO₄/	L added	
△ NA: No acid	added 🗆 C	Other-specify:	J A: 5	oml conc. HNO3 add	ded 🗆	A: 4ml fumi	ng HNO ₃ added
ANALYTICAL RE	SULTS from			NF			
NF, NA		Units Date	analyzed			Units	Date analyzed
☐ Conductivity (Cor 25°C (00095)	rected)					Z mall	
☐ Total non-filterable residue (suspend (00530)) ☐ Other: ☐ Other: ☐ Other: ☐ Other: ☐ NF, A-H₂SO₄		mmho mg/l		Calcium (00915) Calcium (00925) Calcium (00930) Calcium (00930) Calcium (00935) Calcium (00940) Calcium (00940) Calcium (00945) Calciu		mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	6.23 "1 "1 "6 "2/1 7/15 6/30 6/24
residue (suspend (00530) Other: Other: NF, A-H ₂ SO ₄ Nitrate-N + , Nitra	(led)	mg/l		Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440) Chloride (00940) Sulfate (00945) Total filterable residue (dissolved) (70300)		mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	11 6 6/24 7/11 7/15 6/30
residue (suspend (00530) Other: Other: Other: NF, A-H ₂ SO ₄ Nitrate-N +, Nitrat total (00630) Ammonia-N total Total Kjeldahl-N () Chemical oxygen demand (00340) Total organic cart	ete-N (00610)			Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440) Chloride (00940) Sulfate (00945) Total filterable residue (dissolved) (70300) Chlorice	78 -4, -2, -3, -15	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	11 4 6/24 7/11 7/15 6/30
residue (suspend (00530) Other: Other: NF, A-H ₂ SO ₄ Nitrate-N +, Nitratotal (00630) Ammonia-N total Total Kjeldahl-N () Chemical oxygen demand (00340)	ete-N (00610)	mg/l mg/l mg/l mg/l		Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440) Chloride (00945) Total filterable residue (dissolved) (70300) Chher: F, A-H ₂ SO ₄ Nitrate-N + Nitrate-N dissolved (00631) Ammonia-N dissolve (00608) Total Kjeldahl-N	15 15	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	11 6 6/24 7/11 7/15 6/30
residue (suspend (00530) Other: Other: Other: NF, A-H ₂ SO ₄ Nitrate-N + Nitrat total (00630) Ammonia-N total Total Kjeldahl-N () Chemical oxygen demand (00340) Total organic cart () Other:	ete-N (00610)	mg/l mg/l mg/l mg/l		Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440) Chloride (00945) Total filterable residue (dissolved) (70300) Chher: F, A-H ₂ SO ₄ Nitrate-N +, Nitrate-N dissolved (00631) Ammonia-N dissolve (00608) Total Kjeldahl-N () Other:	15 15	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	11 6 6 2/24 7/11 7/15 6/30 6/24

Phone or Letter?

TIFIC LABORATORY DIV 700 Camino de Salud NE

STATE OF NEW MEXICO

Albuquerque, NM 87106 841-2570

REPORT TO:	David Boyer	S.L.D. No. OR- 756- H.B
	N.M. Oil Conservation Division	DATE REC. 6/20/20
	P. O. Box 2088	
	Santa Fe, N.M. 87504-2088	PRIORITY 2
PHONE(S):	827-5812	USER CODE: 8 2 2 3 5
SUBMITTER:	David Boyer	CODE: 2 6 0
SAMPLE COLLE	ction code: (YYMMDDHHMMIII) <u>& 6 0 </u>	6/1/1/1/00/4/31
SAMPLE TYPE:	WATER T, SOIL , FOOD , OTHER:	CODE:
COUNTY:	EA ; CITY: MONUME	CODE:
LOCATION COD	E: (Township-Range-Section-Tracts) 1/1915+	3171E+210+/12/21(10N06E24342)
	UESTED: Please check the appropriate box(es) below	I
•	er possible list specific compounds suspected or requi PURGEABLE SCREENS	EXTRACTABLE SCREENS
	tic Purgeables (1-3 Carbons)	(751) Aliphatic Hydrocarbons
(754) Aroma	tic & Halogenated Purgeables	(760) Organochlorine Pesticides
(765) Mass	Spectrometer Purgeables	[(755) Base/Neutral Extractables
(766) Trihalo		(758) Herbicides, Chlorophenoxy acid
	Specific Compounds or Classes	(759) Herbicides, Triazines
	AC SPRCE	(760) Organochlorine Pesticides
<u></u>		(761) Organophosphate Pesticides
		(767) Polychlorinated Biphenyls (PCB's) (764) Polynuclear Aromatic Hydrocarbons
<u> </u>		(762) SDWA Pesticides & Herbicides
Remarks:	LAST SAMPLE OF TEL	5 /-
FIELD DATA:		
pH=; Co	onductivity=/610 umho/cm at 23°C; Chlorine	Residual=mg/l
Dissolved Oxygen	=mg/l; Alkalinity=mg/l; Flow Rate_	
Depth to water	ft.; Depth of wellft.; Perforation Inte	ervalft.; Casing:
Sampling Location	n, Methods and Remarks (i.e. odors, etc.)	
	e results in this block accurately reflect the results	
activities.(signatur	re collector):	Method of Shipment to the Lab: Hond Cassact
This form accom	panies Septum Vials, Glass Jugs, and/	or
	eserved as follows:	
NP:	No Preservation; Sample stored at room temperatur	e.
P-Ice	Sample stored in an ice bath (Not Frozen).	and the transition
P-Na ₂ S ₂ O ₃ CHAIN OF CUS	Sample Preserved with Sodium Thiosulfate to remove STODY	ve chlorine residual.
I certify that th	is sample was transferred from O	Es to a Burney
at (location)	<u> </u>	n 16,20,86 - 09:30 and that
the statements in	n this block are correct. Evidentiary Seals: Not Seals	d Seals Intact: Yes No
Signatures	J. Bouley a	5 Beerrey
		,

For OCD Use: Date Owner Notified _____ Phone or Letter? ____ Initials



This sample was tested using the analytical screer	sing mathod(s)	ahariad balann	
This sample was rested using the analytical screen	ing method(s)	checked below:	
PURGEABLE SCREENS		EXTRACTABLE SCREENS	
(753) Aliphatic Purgeables (1-3 Carbons)		[(751) Aliphatic Hydrocarbons	
(754) Aromatic & Halogenated Purgeables		(760) Organochlorine Pesticides	
(765) Mass Spectrometer Purgeables		[(755) Base/Neutral Extractables	
[(766) Trihalomethanes		(758) Herbicides, Chlorophenoxy acid	
Other Specific Compounds or Classes		(759) Herbicides, Triazines	
		(760) Organochlorine Pesticides	
		(761) Organophosphate Pesticides	
		(767) Polychlorinated Biphenyls (PCB's)	
		(764) Polynuclear Aromatic Hydrocarbons	
		(762) SDWA Pesticides & Herbicides	
ANA	ALYTICA	L RESULTS	
	-		
COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC.
	CO CO		[PPB]
M.Thomas	2000		
Cillo			
eth and	T. IL.	,	
Proporuso	9000		
	1 1 1 1		
<u> </u>			
aromatic purgeables	$\lfloor ND^7 \rfloor$		ļ
11 - flat alle	NAT		
harogonalea pringlatils	/V/)		
			}
	[
* DETECTION LIMIT * *	500m	+ DETECTION LIMIT +	l pob
ABBREVIATIONS USED:	V 4	,	77
	THE COLORED	DEMEGRACIA LINUM	
N D = NONE DETECTED AT OR ABOVE			
T R = DETECTED AT A LEVEL BELOW			
[RESULTS IN BRACKETS] ARE UNCONF	IRMED AND/O	R WITH APPROXIMATE QUANTITATION	
LABORATORY REMARKS: his sample	had	small buffle of head space	0
DADORATORI REMARKS.	Juan A	Franci Justini Pran Spece	
		0	
4984			100
CERTIFICAT	E OF ANALY	FICAL PERSONNEL	27/86
Seal(s) Intact: Yes No No Seal(s) broken by		anney a Shewayre: 24 for	110 916
	7 4 4	and applying this sample will be at the sample	l and
I certify that I followed standard laboratory procedure			u and
that the statements on this page accurately reflect the	ne anaryticai res	() C sample.	
Date(s) of analysis: 6/27/86 Analysi's sig	nature:	During Statume	1
I certify that I have reviewed and concur with the	analytical result	s for this sample and with the statements in this	block.
Reviewers signature: Marin Colden		. / '	
Though Co Cally			



New Mexico Health and Er SCIENTIFIC LABORATORY 700 Camino de Salud NE nent Department Albuquerque, NM 87106 -- (505) 841-2555

PRIORITY 2 GENERAL WATER CHEMISTRY and NITROGEN ANALYSIS

DATE RECEIVED 4 6	2018/14	O. WC-2779	USER 59300	o □ 59600 [XX o	THER: 82	235		
Collection DATE 6 7 86	(0) (0) (1) (1)	SITE	Sample location	MONUMENT		EW C	ひどくし	<u> </u>
Collection TIME		INFORM- ► ATION	Collection site description					
O730 Collected by — Person/Agence Collected by — Person/Agence	SEAV	·/OCD				******************************		***************************************
and //	90, 1	, 335			·			
		TAL BUREAU	(TOTON					
SEND NM FINAL Sta	OIL CONS	SERVATION DI\ Office Bldg.	/ISIUN - PO Box 208	8	***************************************		***************************************	
		NM 87504-208						
► Attn:£	David Boy	ver		<u> </u>				
Phono	827-58	112			Station/ well code			
SAMPLING COND		112			Owner			
□ Bailed 🐬	Pump	Water level		Discharge	-	Sample ty	pe	
☐ Dipped ☐ ☐ PH (00400)	Тар	Conductivity (Unco	-rostod\	Mates Tomp (00010)	W	Conductiv	ity at OF 90	2 (00004)
рн (00400) 			600 µmho	Water Temp. (00010)	o °C	Conductiv	y at 25°C	μmho μ
Field comments	20	· 485	(NTO	7657				
						~		
No. of samples	1	14/1-1		field with			·	
submitted (∕ Æ NF	(Non-filtered)		mbrane filter	ml H₂SO₄/ 	L added		
NA: No acid a	dded 🗆 C	Other-specify:	□A:	5ml conc. HNO3 add	ded 🗆	4m1	fuming	HNO3 added
ANALYTICAL RES	SULTS from	SAMPLES		N.F.				
NF, NA			Units Date analyze	7.02			Units	Date analyzed
☐ Conductivity (Corre	ected)	,	ımho	Calcium (00915)		5.8	mg/l	627
, ,			2111110	_	87.4	2.6	. mg/l . mg/l	{
 Total non-filterable residue (suspende 				Potassium (00935)	4.6	Z	mg/l	4 12.11
(00530)	· —		mg/l	Bicarbonate (00440) Chloride (00940)		5 8	 mg/l	7/11
☐ Other: ☐ Other:				Sulfate (00945)		7.2	mg/l	7/15
☐ Other:			•	Total filterable residue (dissolved) (70300)	191	13	mg/l	6/30
NF, A-H₂SO₄				☑ Other: 🖒		2		6/24
☐ Nitrate-N + , Nitrate	e-N			F, A-H ₂ SO ₄				
total (00630)			mg/l	□ Nitrate-N + , Nitrate-N				
☐ Ammonia-N total (0 ☐ Total Kjeldahl-N	00610)		mg/l	dissolved (00631)			mg/l	
()			mg/l	Ammonia-N dissolve (00608)	q		mg/l	
Chemical oxygen demand (00340)			mg/l	☐ Total Kjeldahl-N				
☐ Total organic carbo	on			— () □ Other:			mg/l	
() □ Other:			mg/l	-				
☐ Other:				Analyst	l i	eported	Reviewe	
Laboratory remarks		***				6 86	ر ا	
					~~~~			***************************************
	***************				·			

SLD 726 (12/84)

91

FOR OCD USE -- Date Owner Notified Phone or letter?

Initials

# 86- 0751-C SCINTIFIC LABORATORY DIVISION TA

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



REPORT TO:	David Boyer	S.L.D. No. OR- 75/- A.B
	N.M. Oil Conservation Division	DATE REC. 6/20/86
	P. O. Box 2088	
	Santa Fe, N.M. 87504-2088	PRIORITY 2
PHONE(S):	827-5812 USER	CODE:   8   2   2   3   5
SUBMITTER:	David Boyer	CODE:  2   6   0
SAMPLE COLLEG	CTION CODE: (YYMMDDHHMMIII)   8   6   0   6   7	710171310 381
SAMPLE TYPE:	WATER [ , SOIL ], FOOD ], OTHER:	CODE:   _
COUNTY:	EA ; CITY: MONUMENT	CODE:
LOCATION CODI	E: (Township-Range-Section-Tracts)   /   9   5 + 3   7   &	+ 2   O+ /   ²   ²   (10N06E24342)
ANALYSES REQ	UESTED: Please check the appropriate box(es) below to indica	te the type of analytical screens
•	r possible list specific compounds suspected or required.  PURGEABLE SCREENS  EX	TRACTARIE SCREENS
		Aliphatic Hydrocarbons
		Organochlorine Pesticides
		Base/Neutral Extractables
(766) Trihalo		Herbicides, Chlorophenoxy acid
		Herbicides, Triazines
$\boxtimes$ $\angle I \in$	ERO SPACE (760)	Organochlorine Pesticides
	(761)	Organophosphate Pesticides
		Polychlorinated Biphenyls (PCB's)
		Polynuclear Aromatic Hydrocarbons
	[_] (762)	SDWA Pesticides & Herbicides
Remarks:		
FIELD DATA:		
pH=; Co	nductivity= <u>1600</u> umho/cm at <u>20</u> °C; Chlorine Residual=	mg/l
Dissolved Oxygen	=mg/l; Alkalinity=mg/l; Flow Rate	
Depth to water	ft.; Depth of wellft.; Perforation Interval	ft.; Casing:
Sampling Location	a, Methods and Remarks (i.e. odors, etc.)	·
	20 HRS INTO TEST	
	e results in this block accurately reflect the results of my field	
activities.(signature	e collector): Method Class Jugs, and/or	of Shipment to the Lab. Hand Carned
This form accomp	oanies Septum Vials, Glass Jugs, and/or	
	served as follows:	
NP:	No Preservation; Sample stored at room temperature.	
P-Ice	Sample stored in an ice bath (Not Frozen).	
P-Na ₂ S ₂ O CHAIN OF CUS	Sample Preserved with Sodium Thiosulfate to remove chlorine	residual.
I certify that thi	s sample was transferred from	to a. Burney
at (location)	520 on 61	20 186 - 09:38 and that
the statements in	this block are correct. Evidentiary Seals: Not Sealed Sealed Sealed	· · · · · · · · · · · · · · · · · · ·
Signatures		Burney
For OCD Us	se: Date Owner Notified Phone of	r Letter? Initials



LAB. No.: OR- 75/

This sample was tested using the analytical screen	ning method(s)	checked below:	
PURGEABLE SCREENS		EXTRACTABLE SCREENS	
(753) Aliphatic Purgeables (1-3 Carbons)		(751) Aliphatic Hydrocarbons	
(754) Aromatic & Halogenated Purgeables		(760) Organochlorine Pesticides	
(765) Mass Spectrometer Purgeables		(755) Base/Neutral Extractables	
(766) Trihalomethanes		(758) Herbicides, Chlorophenoxy acid	
		· <del></del> ·	
Other Specific Compounds or Classes		(759) Herbicides, Triazines	
	<del></del>	(760) Organochlorine Pesticides	
		(761) Organophosphate Pesticides	
		(767) Polychlorinated Biphenyls (PCB's)	
		(764) Polynuclear Aromatic Hydrocarbons	
		(762) SDWA Pesticides & Herbicides	
ANI	ALVTICA	I DECILITE	
ANZ	ALTIICA	L RESULTS	
COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC.
1	REP		
NATURAL GAS			
NETHANE	81 ppm		
Fithque	1.2 pm		
Pamane	7.2.		
aromatic purgeables*	NO	<u> </u>	
aloward for grantes	1017		
halogenated Augeables			
* DETECTION LIMIT * *	Tugm		
* DETECTION LIMIT * 1	10/R	+ DETECTION LIMIT + T	5 ppris
ABBREVIATIONS USED:	,		•
N D = NONE DETECTED AT OR ABOVE	THE STATED	DETECTION LIMIT	
T R = DETECTED AT A LEVEL BELOW			
[ RESULTS IN BRACKETS ] ARE UNCONF			
	,	•	
	2 1 /	20 0 110 11 0	
LABORATORY REMARKS: This sample	pada	Small fulfle of head space	
<b>V</b>			
	······		
CERTIFICAT	E OF ANALY	TICAL PERSONNEL	7/86
Seal(s) Intact: Yes No X. Seal(s) broken by	·	is and alkerness date 24 hr	ne Bl
I certify that I followed standard laboratory procedur		and analysis of this sample unless otherwise hated	and
that the statements on this page accurately, reflect th			anu
Date(s) of analysis: 6/27/86 Analysi's sig		8 August Marin	
		to for this comple and with the state of the	hla al-
I certify that I have reviewed and concur with the	anaiyucai resul	to for this sample and with the statements cir this	DIOCK.
Reviewers signature: Jary C. Eden			

⁸⁶⁻ 0757-c

# SCHOTIFIC LABORATORY DIV

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



REPORT TO:	David Boyer	S.L.D. No. OR-	757-A-B
	N.M. Oil Conservation Division	DATE REC.	6/20/80
,	P. O. Box 2088		7 - 7
	Santa Fe, N.M. 87504-2088	PRIORITY	2
PHONE(S):	827-5812	USER CODE:   8   2   2	2   3   5
SUBMITTER:	David Boyer		0 1
SAMPLE COLLE	CCTION CODE: (YYMMDDHHMMIII)   8 6 0 6	161/191/10	
SAMPLE TYPE:	WATER [ , SOIL ], FOOD ], OTHER:	CODE:	
	EA ; CITY: MONUMEN		
LOCATION COD	E: (Township-Range-Section-Tracts) $  19   5 + 3  $	715+210+11	2 (10N06E24342)
ANALYSES REC	QUESTED: Please check the appropriate box(es) below to	indicate the type of analy	ytical screens
required. Whenev	er possible list specific compounds suspected or required. PURGEABLE SCREENS	PYTPACTABLE CODE	rne -
(753) Alipha	tic Purgeables (1-3 Carbons)	(751) Aliphatic Hydrocarb	
' <del></del> ' ` '	tic & Halogenated Purgeables	(760) Organochlorine Pest	
(765) Mass	Spectrometer Purgeables	(755) Base/Neutral Extrac	tables
(766) Trihale	I-mart	(758) Herbicides, Chloroph	enoxy acid
	Specific Compounds or Classes	(759) Herbicides, Triazines	
$\overline{\mathbb{A}}$ $\overline{\mathbb{A}}$	ERO SPROE	(760) Organochlorine Pesti	
		(761) Organophosphate Pe	
		(767) Polychlorinated Bipl	
<u> </u>		(764) Polynuclear Aromati	=
<u> </u>		(762) SDWA Pesticides &	Herbicides
Remarks:	8 HRS INTO TEST		
FIELD DATA:			
pH=; Co	onductivity= $1780$ umho/cm at $22$ °C; Chlorine Re	sidual=mg/l	
	=mg/l; Alkalinity=mg/l; Flow Rate		
Depth to water	ft.; Depth of wellft.; Perforation Interval	ft.; Casing:	
Sampling Location	on, Methods and Remarks (i.e. odors, etc.)		
I certify that th	ne results in this block accurately reflect the results of n	ny field analyses, observation	ons and
activities (signatu	re collector): ABOULE N	Method of Shipment to the	: Lab: Hand carried
This form accom	re collector): A Collector Management of Man		
	eserved as follows:		
NP:	No Preservation; Sample stored at room temperature.		
P-Ice	Sample stored in an ice bath (Not Frozen).		
P-Na ₂ S ₂ O ₃	Sample Preserved with Sodium Thiosulfate to remove c	hlorine residual.	
CHAIN OF CU	Sample stored in an ice bath (Not Frozen).  Sample Preserved with Sodium Thiosulfate to remove c  STODY	C D	·
	is sample was transferred from J. BAICEY on 6		/
at (location)		•	
	n this block are correct. Evidentiary Seals: Not Sealed	·/	No 🗔
Signatures			
	Je Karley US	WALLEY	



This sample was tested using the analytical screen	ing method(s)	checked below:	
PURGEABLE SCREENS		EXTRACTABLE SCREENS	
(753) Aliphatic Purgeables (1-3 Carbons)		(751) Aliphatic Hydrocarbons	
(754) Aromatic & Halogenated Purgeables		(760) Organochlorine Pesticides	
(765) Mass Spectrometer Purgeables		(755) Base/Neutral Extractables	
[ (766) Trihalomethanes		(758) Herbicides, Chlorophenoxy acid	
Other Specific Compounds or Classes		(759) Herbicides, Triazines	
		(760) Organochlorine Pesticides	
		(761) Organophosphate Pesticides	
		(767) Polychlorinated Biphenyls (PCB's)	
		(764) Polynuclear Aromatic Hydrocarbons	
	<del></del>	(762) SDWA Pesticides & Herbicides	
ANA	ALYTICA	L RESULTS	
COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC.
COMIT COME (b) BEIDGILLE	INCOME.	00M 0 0M2 (0, D2120125	[PPB]
N. T. O.			
Natural gas	N.D		
aromatic prisacables	NAT		
	DAD to		
palogenated pargeables	O No Lala		
	<del></del>		
	j .	į.	1
		·	
	]	l l	1
* DETECTION LIMIT * *			7
* DETECTION LIMIT * 1	3 pm	+ DETECTION LIMIT +	gyg /
ABBREVIATIONS USED:			//
N D = NONE DETECTED AT OR ABOVE	THE STATED	DETECTION LIMIT	
T R = DETECTED AT A LEVEL BELOW			
[ RESULTS IN BRACKETS ] ARE UNCONF	IRMED AND/	OR WITH APPROXIMATE QUANTITATION	
.2			
1	1. 1.	001111111111	
LABORATORY REMARKS find sample	e Plana	small furned heads	mce.
Thrace of Julanone was	- deter	ted by the gromatic scr	een:
De la later de later de later de la later de	2. Louis	and the time dish	2
one sepuin was uporde	wour	on one of the mio angu	ecare
Samples		U	
" <i>/</i>			
			101
CERTIFICAT	E OF ANALY	TICAL PERSONNEL 6/7	1/80
Seal(s) Intact: Yes No No Seal(s) broken by	· And	ney & Derley date: 2/ fr	me 86
I certify that I followed standard laboratory procedure	es on handling	and applysis of this sample unless otherwise noted	and
that the statements on this page accurately reflect th			
Date(s) of analysis: 6/27/66 7. Abalyst's sig	nature:	28 Busine Mit	
. / .		Juney of Juney	<del></del>
I certify that I have reviewed and concur with the	analytical resul	ts for this sample and with the statements in this	block.
Reviewers signature: Mary College			
//			

86- 0754-C

## SCINTIFIC LABORATORY DIV 700 Camino de Salud NE

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



REPORT TO:	David Boyer	S.L.D. No. OR- 154- A.B
	N.M. Oil Conservation Division	DATE REC. 6/20/86
	P. 0. Box 2088	<del></del>
	Santa Fe, N.M. 87504-2088	PRIORITY 2
PHONE(S):	827-5812 USER	CODE:   8   2   2   3   5
SUBMITTER:	David Boyer	
SAMPLE COLLE	CTION CODE: (YYMMDDHHMMIII)   S606/1	61/151/1014/131
SAMPLE TYPE:	WATER XI, SOIL , FOOD , OTHER:	CODE:
COUNTY:	EA ; CITY: MONUMENT	CODE:   _
LOCATION COD	E: (Township-Range-Section-Tracts) $  /  9    + 3   7   $	$5 + \frac{3}{3} + \frac{3}{1} + \frac{2}{1} = \frac{2}{10006} + \frac{2}{10006}$
	UESTED: Please check the appropriate box(es) below to indicate possible list specific compounds suspected or required.  PURGEABLE SCREENS	tte the type of analytical screens
(753) Alipha		Aliphatic Hydrocarbons
3 <del>24</del> 1	•	Organochlorine Pesticides
' <u></u> '	· · · · · · · · · · · · · · · · · · ·	Base/Neutral Extractables
(766) Trihale		Herbicides, Chlorophenoxy acid Herbicides, Triazines
		Organochlorine Pesticides
<u> </u>	(761)	Organophosphate Pesticides
		Polychlorinated Biphenyls (PCB's)
님 —		Polynuclear Aromatic Hydrocarbons
<u> </u>		SDWA Pesticides & Herbicides
Remarks:	4 HRS INTO TEST	
FIELD DATA:		
	onductivity=umho/cm atoC; Chlorine Residual=	•
	=mg/l; Alkalinity=mg/l; Flow Rate	
Depth to water	ft.; Depth of wellft.; Perforation Interval	ft.; Casing:
Sampling Locatio	n, Methods and Remarks (i.e. odors, etc.)	
	re collector): Method  panies Septum Vials, Glass Jugs, and/or	of Shipment to the Labelland Carnes
	eserved as follows:	
☐ NP:	No Preservation; Sample stored at room temperature.	
P-Ice P-Na ₂ S ₂ O ₃	Sample stored in an ice bath (Not Frozen).  Sample Preserved with Sodium Thiosulfate to remove chlorine	regidual
CHAIN OF CUS	STODY	
I certify that th	is sample was transferred from	to a. Bullier
at (location)	340 on 61	20 186 - 09:30 and that
	n this block are correct. Evidentiary Seals: Not Sealed Sealed	
Signatures		erney
For OCD U	se: Date Owner Notified Phone or	r Letter? Initials



This sample was tested using the analytical screening method(s) checked below:					
PURGEABLE SCREENS		EXTRACTABLE SCREENS			
(753) Aliphatic Purgeables (1-3 Carbons)		(751) Aliphatic Hydrocarbons			
(754) Aromatic & Halogenated Purgeables		(760) Organochlorine Pesticides			
(765) Mass Spectrometer Purgeables		(755) Base/Neutral Extractables			
(766) Trihalomethanes		(758) Herbicides, Chlorophenoxy acid (759) Herbicides, Triazines			
Other Specific Compounds or Classes		(760) Organochlorine Pesticides			
		(761) Organophosphate Pesticides			
		(767) Polychlorinated Biphenyls (PCB's)			
	<del></del>	(764) Polynuclear Aromatic Hydrocarbons			
	<del> </del>	(762) SDWA Pesticides & Herbicides			
		<del></del>			
ANI	NI VTICA	AL RESULTS			
AW	ALT TICE	AL RESOLIS			
COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC.		
	(PB)		[PPB]		
Natoural Gras	i i				
4/3	10				
Mettane	16 ppris	<del> </del>			
Ethane	T.A.				
Proseure	TR		}		
- Contract					
gromatic purgeables +	ND		]		
4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A/A				
nalogenava pu graves	TV JS				
/ / /					
* DETECTION LIMIT * 🗶	5ppm	+ DETECTION LIMIT + +	/ pyolo		
ABBREVIATIONS USED:					
N D = NONE DETECTED AT OR ABOVE	THE STATE	D DETECTION LIMIT			
T R = DETECTED AT A LEVEL BELOW					
[ RESULTS IN BRACKETS ] ARE UNCONF	IRMED AND/	OR WITH APPROXIMATE QUANTITATION			
	0. 1	1 10 110 110			
LABORATORY REMARKS: This damp	Ce pad	a small bubble of heady	nce.		
V	•				
CERTIFICAT	E OF ANAL	YTICAL PERSONNEL 6/2	7/86		
Seal(s) Intact: Yes No Seal(s) broken by	: Sal	and Oxpulse date: 24h	ma Ol		
		g and analysis of this sample unless otherwise noted	l and		
I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements on this page accurately reflect the analytical results for this sample.					
Date(s) of analysis: 6/2/166 TANALYST'S SIG	/	8 Beerses St Jours	(		
I certify that I have reviewed and concur with the analytical results for this sample and with the statements in this block.					
Reviewers signature: Jany C. Alm					

86- 0753-C

# SCIPTIFIC LABORATORY DIV 700 Camino de Salud NE

Albuquerque, NM 87106 841-2570



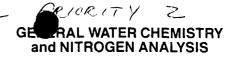
REPORT TO:	David Boyer	S.L.D. No. OR- 753- 17.B		
REFORT TO.	N.M. Oil Conservation Division			
	P. 0. Box 2088	DATE REC. 6-20-86		
	Santa Fe, N.M. 87504-2088	PRIORITY		
PHONE(\$):	David A Davis	ER CODE: 8 2 2 3 5		
SUBMITTER:	David Boyer	CODE: 12   6   0		
	CTION CODE: (YYMMDDHHMMIII)   S  6  0 6  /	,		
SAMPLE TYPE:	WATER [, SOIL ], FOOD ], OTHER:	CODE:		
COUNTY:	EA ; CITY: MONUMENT	CODE:		
LOCATION COD	E: (Township-Range-Section-Tracts) $ / 9 5+3 7 $	$E + \frac{2}{2} + \frac{3}{2} + \frac{7}{2} = \frac{2}{10006E24342}$		
ANALYSES REQ	<b>UESTED</b> : Please check the appropriate box(es) below to inc	licate the type of analytical screens		
required. Whenev	er possible list specific compounds suspected or required.	TWO A COLADY V. GODENNA		
(750) Ali-L-		EXTRACTABLE SCREENS		
' <u> </u>		Aliphatic Hydrocarbons		
	· · · · · · · · · · · · · · · · · · ·	60) Organochlorine Pesticides		
<u> </u>	·	5) Base/Neutral Extractables		
(766) Trihalo	·	8) Herbicides, Chlorophenoxy acid		
	· · · · · · · · · · · · · · · · · · ·	9) Herbicides, Triazines		
NA THE		0) Organochlorine Pesticides		
		1) Organophosphate Pesticides		
<u> </u>		7) Polychlorinated Biphenyls (PCB's)		
<u> </u>		4) Polynuclear Aromatic Hydrocarbons		
		2) SDWA Pesticides & Herbicides		
Remarks:	ONUMENT NEW WELL	4th SAMPLE, #		
- 24	IRS INTO TEST			
FIELD DATA:				
pH=; Co	onductivity= <u>/5/0</u> umho/cm at <u>35</u> °C; Chlorine Residu	al=mg/l		
Dissolved Oxygen	=mg/l; Alkalinity=mg/l; Flow Rate			
Depth to water	ft.; Depth of wellft.; Perforation Interval	ft.; Casing:		
Sampling Location	n, Methods and Remarks (i.e. odors, etc.)			
I certify that th	e results in this block accurately reflect the results of my f	ield analyses observations and		
activities (signatur	panies 2 Septum Vials, Glass Jugs, and/or	od of Shipment to the Lab: Hand Called		
This form accom	panies 2 Septum Vials Glass Jugs and/or	or amplitude to the Eddy let (5 (200) (37)		
Samples were pro	eserved as follows:			
	No Preservation; Sample stored at room temperature.			
P-Ice	Sample Preserved with Sodium Thiosulfate to remove chlor	ine regidual		
CHAIN OF CUS		me residuar.		
I certify that th	is sample was transferred from	to q. Berna		
at (location)	SCA on 6	1 <u>20186 - 09:30</u> and that		
the statements in	n this block are correct. Evidentiary Seals: Not Sealed	Seals Intact: Yes 🖺 No 🔲		
Signatures	J. Baile as	Burne		
	0			
For OCD U	se: Date Owner Notified Phone	or Letter? Initials		



This sample was tested using the analytical screening method(s) checked below:					
PURGEABLE SCREENS		EXTRACTABLE SCREENS			
(753) Aliphatic Purgeables (1-3 Carbons)		(751) Aliphatic Hydrocarbons			
(754) Aromatic & Halogenated Purgeables		(760) Organochlorine Pesticides			
(765) Mass Spectrometer Purgeables		(755) Base/Neutral Extractables			
·· <del>····</del> ·					
(766) Trihalomethanes		(758) Herbicides, Chlorophenoxy acid			
Other Specific Compounds or Classes		(759) Herbicides, Triazines			
		(760) Organochlorine Pesticides			
		(761) Organophosphate Pesticides			
		(767) Polychlorinated Biphenyls (PCB's)			
		[ (764) Polynuclear Aromatic Hydrocarbons			
		(762) SDWA Pesticides & Herbicides			
	VT.C				
ANA	ALYTICA	AL RESULTS			
COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC.		
	TREESTP .		[PPB]		
Valural GAS					
MOTHANE	230pm				
	77				
EThane	1.16,				
Propare	$T$ , $\Lambda$ .				
aromatic Auragables	N0		1		
6 0 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MM				
halogenased/furgrapes	ND				
			}		
			<del></del>		
* DETECTION LIMIT * *	5 muy	+ DETECTION LIMIT +	mob		
	77		77		
ABBREVIATIONS USED:			, ,		
N D = NONE DETECTED AT OR ABOVE					
T R = DETECTED AT A LEVEL BELOW					
[ RESULTS IN BRACKETS ] ARE UNCONFIRMED AND/OR WITH APPROXIMATE QUANTITATION					
ALDORATION PRIMARYS TO A	02/1/	a small butble of head spa	<b>A</b> #		
LABORATORY REMARKS: Inio samp	e paa	a small surpre of near spa	rae.		
/		<u> </u>			
CERTIFICAT	E OF ANAL	YTICAL PERSONNEL 1 6/27	186		
/ <b>V</b>	() AR	500	. 60		
Seal(s) Intact: Yes No No Seal(s) broken by	77.7	may ( Julie date: The	ne 06		
I certify that I followed standard laboratory procedur	17	•	and		
that the statements on this page accurately reflect th	ne analytical	results for this sample.			
Date(s) of analysis: 6/27/86 Mayalyst's sig	nature:	es Ourse, It tuney			
I certify that I have reviewed and concur with the	analytical resu	ults for this sample and with the statements in this	block.		
Reviewers signature: Jam C- Eden					



New Mexico Health and Environment Department SCIENTIFIC LABORATORY SION 700 Camino de Salud NE Albuquerque, NM 87106 — (505) 841-2555



DATE RECEIVED 6 20 8	6 NO. WC-2776	CODE 59300	<u>□ 59600 XX</u> C	THER: 82	235
Collection DATE 6   16   86	SITE INFORM- ►	Sample location	NONUMENT	- NE	W WELL
Collection TIME /2/0	ATION	Collection site description	1		
Collected by — Person/Agency,	EAY /OCD				
		<u> </u>			
	NMENTAL BUREAU				
SEND NM OIL	CONSERVATION DI	VISION	8		
REPORT Canta	Land Office Bldg Fe, NM 87504-208		S	***************************************	
<b>&gt;</b>	d Boyer		•		
A(((),DBX_L)	J. DDJ. E. E			Station/	
Phone: 82	27-5812			well code	
SAMPLING CONDITION	NS			Owner	
☐ Bailed   ⊋ Pump ☐ Dipped   ☐ Tap	Water level		Discharge		Sample type
pH (00400)	Conductivity (Unc	orrected) / 10 µmho</td <td>Water Temp. (00010)</td> <td>24 °C</td> <td>Conductivity at 25°C (00094)</td>	Water Temp. (00010)	24 °C	Conductivity at 25°C (00094)
Field comments	HR INTO		<u> </u>		
	7/0 / 0	7E57			
SAMPLE FIELD TREAT	MENT — Check prop				
No. of samples submitted	Whole sample (Non-filtered)	□ <b>F:</b> Filtered in 0.45 µme	field with  mbrane filter <b>A:</b> 2	ml H₂SO₄/	L added
□ <b>NA</b> : No acid added	☐ Other-specify:	□A:	5ml conc. HNO ₃ ad	ded 🗀	A: 4ml fuming HNO ₃ add
ANALYTICAL RESULTS	6 from SAMPLES				
NF, NA		Units Date analyze			Units Date analyze
Conductivity (Corrected) 25°C (00095)		μmho	☐ Calcium (00915) ☐ Magnesium (00925)		mg/l mg/l
☐ Total non-filterable			☐ Sodium (00930)		mg/l
residue (suspended)			☐ Potassium (00935) ☐ Bicarbonate (00440)		mg/l mg/l
(00530)		mg/l	- ☐ Chloride (00940)		mg/l
Other:			□ Sulfate (00945)		mg/l
☐ Other: ☐ Other:			🗖 🗔 Total filterable residue	2	
			i i	•	
			(dissolved) (70300)	, <u> </u>	mg/l
NF, A-H₂SO ₄			(dissolved) (70300)  Other:		mg/l
X Nitrate-N + , Nitrate-N	238	7/1	(dissolved) (70300)		mg/l
Nitrate-N+, Nitrate-N total (00630)	2.30	. mg/l 7/i	(dissolved) (70300)  Other:		mg/l
X Nitrate-N + , Nitrate-N total (00630)	2.30 030	mg/l 7/1	(dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + Nitrate-dissolved (00631)	N	mg/lmg/l
Nitrate-N+, Nitrate-N total (00630)		, mg/1	(dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + Nitrate-dissolved (00631) Ammonia-N dissolved	N	mg/l
X Nitrate-N + , Nitrate-N total (00630)     Ammonia-N total (00610)     X Total Kjeldahl-N     ( )     □ Chemical oxygen	0.30	mg/1 6.39 mg/1 7-16	(dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + Nitrate-dissolved (00631)	N	
X Nitrate-N + , Nitrate-N total (00630) Ammonia-N total (00610) Total Kjeldahl-N ( ) Chemical oxygen demand (00340)	0.30	mg/1 6.39 7-11	(dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + , Nitrate-dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N	N	mg/l
X Nitrate-N + , Nitrate-N total (00630)  X Ammonia-N total (00610)  X Total Kjeldahl-N ( )   □ Chemical oxygen demand (00340)  □ Total organic carbon ( )	0.30	mg/1 6.39 mg/1 7-16	(dissolved) (70300)  □ Other:  F, A-H₂ SO₄  □ Nitrate-N + , Nitrate-dissolved (00631) □ Ammonia-N dissolved (00608) □ Total Kjeldahl-N	N	mg/l mg/l
X Nitrate-N + , Nitrate-N total (00630)  Ammonia-N total (00610)  Total Kjeldahl-N  Chemical oxygen demand (00340)  Total organic carbon  Other:	0.30	mg/l 6.39 mg/l 7-16	(dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + , Nitrate-dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N	N ed	mg/l mg/l
X Nitrate-N + , Nitrate-N total (00630)  X Ammonia-N total (00610)  X Total Kjeldahl-N ( )   □ Chemical oxygen demand (00340)  □ Total organic carbon ( )	0.30	mg/l 6.39 mg/l 7-16	(dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + , Nitrate-dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N  ( )  Other:	N ed	mg/lmg/lmg/l
X Nitrate-N + , Nitrate-N total (00630)  Ammonia-N total (00610)  Total Kjeldahl-N  Chemical oxygen demand (00340)  Total organic carbon  Other:	0.30	mg/l 6.39 mg/l 7-16	(dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + , Nitrate-dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N  ( )  Other:	N ed	mg/lmg/lmg/lmg/lmg/l
Nitrate-N + , Nitrate-N total (00630)     Ammonia-N total (00610)     Total Kjeldahl-N     ( )     Chemical oxygen demand (00340)     Total organic carbon ( )     Other:	0.30	mg/l 6.39 mg/l 7-16	(dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + , Nitrate-dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N  ( )  Other:	N ed	mg/lmg/lmg/lmg/lmg/l
X Nitrate-N + , Nitrate-N total (00630)  Ammonia-N total (00610)  Total Kjeldahl-N  ( )  Chemical oxygen demand (00340)  Total organic carbon ( )  Other:  Other:	0.30	mg/l 6.39 mg/l 7-16	(dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + , Nitrate-dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N  ( )  Other:	N ed	mg/lmg/lmg/lmg/lmg/l

86- 0750-C

# SCIPTIFIC LABORATO 700 Camino de Salu Albuquerque, NM 87106.

TORY PIVE



STATE OF NEW MEXICO

MIT CONSERVATION DIVISION SANTA FE David Boyer REPORT TO: S.L.D. No. OR- 750 - 17 13 N.M. Oil Conservation Division DATE REC. P. O. Box 2088 Santa Fe. N.M. 87504-2088 · PRIORITY 827-5812 _____user code: | 8 | 2 | 2 PHONE(S): David Boyer CODE: |2 | 6 | 0 | SUBMITTER: SAMPLE COLLECTION CODE: (YYMMDDHHMMIII) | 8 6 0 6 / 16 / 2 / 10 | TR SAMPLE TYPE: WATER [X], SOIL [], FOOD [], OTHER: CODE: | | COUNTY: LEA ; CITY: MONUMENT CODE: | | | LOCATION CODE: (Township-Range-Section-Tracts) / | 9 | 5 + 3 | 7 | E + 2 | 0 + / | 2 | 7 | (10 N 0 E 2 4 3 4 2 ) ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required. PURGEABLE SCREENS EXTRACTABLE SCREENS (753) Aliphatic Purgeables (1-3 Carbons) (751) Aliphatic Hydrocarbons (754) Aromatic & Halogenated Purgeables (760) Organochlorine Pesticides (765) Mass Spectrometer Purgeables (755) Base/Neutral Extractables (766) Trihalomethanes (758) Herbicides, Chlorophenoxy acid Other Specific Compounds or Classes (759) Herbicides, Triazines HEAD TEST (760) Organochlorine Pesticides (761) Organophosphate Pesticides (767) Polychlorinated Biphenyls (PCB's) [ (764) Polynuclear Aromatic Hydrocarbons (762) SDWA Pesticides & Herbicides Remarks: MONUMENT NEW WELL 3RD SAMPLE-IHR INTO TEST FIELD DATA: pH=____; Conductivity=/4/\(\partial\) umho/cm at \(\partial\) \(\frac{\partial}{\circ}\) C; Chlorine Residual= mg/l Dissolved Oxygen=___mg/l; Alkalinity=___mg/l; Flow Rate______ Depth to water _____ft.; Depth of well ____ ft.; Perforation Interval ____ ft.; Casing: Sampling Location, Methods and Remarks (i.e. odors, etc.) I certify that the results in this block accurately reflect the results of my field analyses, observations and activities (signature collector): Method of Shipment to the Lab Hondicames This form accompanies ____ Septum Vials, ___ Glass Jugs, and/or _____ Samples were preserved as follows: ☐ NP: No Preservation; Sample stored at room temperature. P-Ice Sample stored in an ice bath (Not Frozen). P-Na S O Sample Preserved with Sodium Thiosulfate to remove chlorine residual. CHAIN OF CUSTODY I certify that this sample was transferred from J. Bailey to A Bunicey at (location) SLD sample Receiving on 6/20/86 - 9:32 AMand that the statements in this block are correct. Evidentiary Seals: Not Sealed _ Seals Intact: Yes _ No _ Signatures a Suruly

For OCD Use: Date Owner Notified _____ Phone or Letter?____ Initials

LAB. No.: OR- 750

This sample was tested using the analytical screening method(s) checked below:					
This sample was tested using the analytical screen  PURGEABLE SCREENS  (753) Aliphatic Purgeables (1-3 Carbons)  (754) Aromatic & Halogenated Purgeables  (765) Mass Spectrometer Purgeables  (766) Trihalomethanes  Other Specific Compounds or Classes	ing method(s)	EXTRACTABLE SCREENS  (751) Aliphatic Hydrocarbons  (760) Organochlorine Pesticides  (755) Base/Neutral Extractables  (758) Herbicides, Chlorophenoxy acid  (759) Herbicides, Triazines  (760) Organochlorine Pesticides  (761) Organophosphate Pesticides  (767) Polychlorinated Biphenyls (PCB's)  (764) Polynuclear Aromatic Hydrocarbons  (762) SDWA Pesticides & Herbicides			
ANA	ALYTICA	AL RESULTS			
COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC.		
* DETECTION LIMIT * *  ABBREVIATIONS USED:  N D = NONE DETECTED AT OR ABOVE  T R = DETECTED AT A LEVEL BELOW  [ RESULTS IN BRACKETS ] ARE UNCONFI	THE STATED	O DETECTION LIMIT (NOT CONFIRMED) OR WITH APPROXIMATE QUANTITATION	5 ррис		
LABORATORY REMARKS: This sample	Madas	Small fulfile of hearspace.			
CERTIFICATE OF ANALYTICAL PERSONNEL  Seal(s) Intact: Yes   No   X. Seal(s) broken by:  I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements on this page accurately reflect the analytical results for this sample.  Date(s) of analysis:   6/27/86   Analyst's signature:   Calculate   Al Cinney   Conney   Conney					
I certify that I have reviewed and concur with the analytical results for this sample and with the statements in this block.  Reviewers signature:     Aug   C.   Elem   C.					

86- **0752-**C

# SCINITIFIC LABORATORY DIV

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



REPORT TO: David Boyer	s.L.D. No. OR- 752- AB
N.M. Oil Conservation Division	DATE REC. 6/20/86
P. O. Box 2088	
Santa Fe, N.M. 87504-2088	PRIORITY —
PHONE(S): 827-5812 US	SER CODE:   8   2   2   3   5
SUBMITTER: David Boyer	CODE:  2   6   0
sample collection code: (YYMMDDHHMMIII)   8 6 0 6 1	16/1/40/73
SAMPLE TYPE: WATER [ , SOIL ], FOOD ], OTHER:	
COUNTY: LEA ; CITY: MONUMENT	CODE:
LOCATION CODE: (Township-Range-Section-Tracts) 1/195+317	E + 2   O + /   2   子(10N06E24342)
ANALYSES REQUESTED: Please check the appropriate box(es) below to in required. Whenever possible list specific compounds suspected or required.	ndicate the type of analytical screens
PURGEABLE SCREENS	EXTRACTABLE SCREENS
	751) Aliphatic Hydrocarbons
	760) Organochlorine Pesticides (55) Base/Neutral Extractables
	55) Base/Neutral Extractables 758) Herbicides, Chlorophenoxy acid
Other Specific Compounds or Classes [ ] (7	759) Herbicides, Triazines
	60) Organochlorine Pesticides
	(61) Organophosphate Pesticides
	767) Polychlorinated Biphenyls (PCB's)
	(64) Polynuclear Aromatic Hydrocarbons
	(62) SDWA Pesticides & Herbicides
Remarks: MANUMENT NEW WELL E	2 M SAMPLE
30 MIN INTO TEST	
FIELD DATA:	
pH=; Conductivity=/450umho/cm at 23°C; Chlorine Resid	ual=mg/l
Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate	
Depth to waterft.; Depth of wellft.; Perforation Interval	ft.; Casing:
Sampling Location, Methods and Remarks (i.e. odors, etc.)	
24 Hd pump tost	
I certify that the results in this block accurately reflect the results of my	
activities.(signature collector):	oned of empinent to the Lab. However Carried
Samples were preserved as follows:	
NP: No Preservation; Sample stored at room temperature.	
P-Ice Sample stored in an ice bath (Not Frozen).	
P-Ice Sample stored in an ice bath (Not Frozen).  P-Na S O Sample Preserved with Sodium Thiosulfate to remove chloropathy.	orine residual.
CHAIN OF CUSTODI	
I certify that this sample was transferred from	120 LL DO 32
on (location)	5) 20 ) 86 - 07 . 30 and that
the statements in this block are correct. Evidentiary Seals: Not Sealed	
Signatures (1)	Barney
For OCD Use: Date Owner Notified Phone	or Letter? Initials _



This sample was tested using the analytical screening method(s) checked below:					
PURGEABLE SCREENS  (753) Aliphatic Purgeables (1-3 Carbons)  (754) Aromatic & Halogenated Purgeables  (765) Mass Spectrometer Purgeables		EXTRACTABLE SCREENS  (751) Aliphatic Hydrocarbons  (760) Organochlorine Pesticides  (755) Base/Neutral Extractables			
(766) Trihalomethanes Other Specific Compounds or Classes		(758) Herbicides, Chlorophenoxy acid (759) Herbicides, Triazines (760) Organochlorine Pesticides (761) Organophosphate Pesticides			
		[ (767) Polychlorinated Biphenyls (PCB's) [ (764) Polynuclear Aromatic Hydrocarbons [ (762) SDWA Pesticides & Herbicides			
ANAL	YTICAL RI	SULTS			
• • • • • • • • • • • • • • • • • • • •	CONC.	COMPOUND(S) DETECTED	CONC.		
NATURAL PAS	ND.				
aromatic purgeables+	NO				
halogenated pargeablest	VP				
* DETECTION LIMIT * *			1		
	5 pml	+ DETECTION LIMIT +	1 1900		
ABBREVIATIONS USED:  N D = NONE DETECTED AT OR ABOVE THE STATED DETECTION LIMIT  T R = DETECTED AT A LEVEL BELOW THE STATED DETECTION LIMIT (NOT CONFIRMED)  [ RESULTS IN BRACKETS ] ARE UNCONFIRMED AND/OR WITH APPROXIMATE QUANTITATION					
LABORATORY REMARKS: His sample	had a S	mall but ble of head spe	ice.		
Seal(s) Intact: Yes No No. Seal(s) broken by: Seal(s) Decision date: 24 function of the statements on this page accurately reflect the analytical results, for this sample.					
Date(s) of analysis: 7 July 86. Analyst's signat	- 101 T	iney			
I certify that I have reviewed and concur with the analytical results for this sample and with the statements in this block.  Reviewers signature:					



#### GROUNDWATER TECHNOLOGY LABORATORY

ANALYTICAL & CONSULTING SERVICES Division of Oil Recovery Systems, Inc. 4 Mill St., Greenville, NH 03048

HYDROCARBONS IN WATER ug/1 REPORT NO. 20-2050-9

Tei: (603) 878-2500

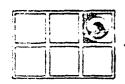
SAMPLE NO.	I.D.	C4-C12 ALIPHATIC HYDROCARDONS	MISC AROMATICS C3-C10	TOTAL
27053	NW	23	22 · ND	47
27054	MCN	2		7

NOTES:

TOTAL = THE SUM OF THE TOTAL BTEX AND THE ABOVE PARAMETERS.

ND = BELOW DETECTION LIMIT NV = NEW WELL

MCW = MAIN COMMUNITY WELL



#### GROUNDWATER TECHNOLOGY LABORATORY

ANALYTICAL & CONSULTING SERVICES
Division of Oil Recovery Systems. Inc.
4 Mill St., Greenville, NH 03048
Tel: (603) 878-2500

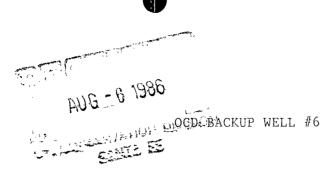
HYDROCARBONS IN WATER ug/L (ppb) REPORT NO. 20-2050-9

Sample	I.D.	DATE SAMPLED	DATE RUN	BENZENE			TOTAL XYLENES	
27053	NW	6/17/36 6	/21/86	5 2	ND	N D	HD	2
27054	HCU	6/16/86 6	/20/86	5 5	ND	N D	ND	5

*NOTES:

ND = BELOW DETECTION LIMIT

TOTAL BTEX = THE SUM OF BENZENE, TOLUENE, ETHYL BENZENE, AND XYLENES, ROUNDED TO THREE SIGNIFICANT FIGURES.



8/1/86

7:30 A.M. To run pump test

Top of  $H_2O$   $17\frac{1}{2}$  feet to 58 feet TD

Set pump at 47 feet - 3 inch pump

Cleaned all threads with W/D 40

Used thread doap on all joints

Meter reading begin: 2331.3

Meter reading ending: 2616.8

9:26 A.M. Start Pump - Clean sand free well

Sample #1 Chloride 156.2 ppm (Taste Good) Pump rate 67 GPM

Conductivity 1080 mho Temperature 22° C

12:30 P.M. Sample #2 (Taste Good) Pump rate 65 GPM

Chloride 156.2 ppm Conductivity 1050 mho Temperature 22° C

6:00 P.M. Sample #3 (Taste Good) Pump rate 65 GPM

Chloride 184.6 ppm Conductivity 1050 mho Temperature 21° C

8/2/86

6:00 A.M. Sample #4 (Taste Good) Pump rate 65 GPM

Chloride 213 ppm Conductivity 1020 mho Temperature 19° C

6:00 P.M. Sample #5 (Taste Good) Pump rate 64 GPM

Chloride 198.6 ppm Conductivity 1080 mho Temperature 21° C Page -2-

8/3/86

6:00 A.M. Sample #6 (Taste Good) Pump rate 65 GPM

Chloride 213 ppm Conductivity 1010 mho Temperature 19° C

6:00 P.M. Sample #7 (Taste Good) Pump rate 65 GPM

Chloride 213 ppm Conductivity 1010 mho Temperature 21° C

8/4/86

6:00 A.M. Sample #8 (Taste Good) Pump rate 65 GPM

Chloride 213 ppm Conductivity 1010 mho Temperature 19° C

9:30 A.M. Sample #9 (Taste Good) Pump rate 65 GPM

Chloride 213 ppm Conductivity 1030 mho Temperature 22° C

FINAL

Meter = 2616.8

EID DID NOT GET FINAL SAMPLE

MONUMENT WATER WELL

21° C 910 Conductivity Chloride 170.4

EID - Don Nugent Mr. Copeland

Abbott Water Well Service

ALL SAMPLES COLLECTED AND TESTED BY: Eddie W. Seay: OCD, Hobbs, New Mexico

MONUMENT N.M.

Presamo by Date
Approved by

CHEMICAL DETA 7/0/86 7/2/86 7/2/86  PARA METARS TIME 12:2001 10:25Am 1725  INRE OR 318 813-AB 66-2057-C  ORGANICS  REMERS ALAROMATICS  BEAZENE  TOLVENE  **YLENES** HEYEMES/CYCOHAMANE **DIMOTOLULULULULULULULULULULULULULULULULULUL	010 - EAST (#1)																			
PARA METERS TIME 12:200M 10:25AM 1728  IABE OR 818 843-4-8 66-0653-C  DREANICS  IN PURCE BLES  A) PROMOTICS  BENZENE LOCALISM DOSSIM DOSSIM  TOLVENE  XYLENES  MEYENGENES  OLDETHYLOGISTICS  B) HALOSEMATED  N/D  N/D  N/D  N/D  N/D  NOTE: SAMPLE 843(4+8) HAD BUSBLESSIN MEAD SPACE SAMPLED 7/12/85 10 SAMPLED 1/12/85  INCLUDE TO SAMPLE 843(4+8) HAD BUSBLESSIN MEAD SPACE SAMPLED 7/12/85 10 SAMPLED 1/12/85  AMALIZED 7/12/85	CHEMICAL														(	j		(	3 ===	
DREANICS  I) PURGABLES  A) AROUNTICS  BENZENE  TOLVENE  XYLENES  HEXMEDITYCOISULTIVE  DIMETHYLOISULTIVE  B) HALOGENATED  N/D  N/D  NOTE: SAMPLE 343(A+B) HADBUSBUST MEADS PACE SENITED 1/2/85 10.05 Am  DECILED 1/2/85  MENDER 2/2/85  MENDER 2/2/85  NOTE: SAMPLE 343(A+B) HADBUSBUST MEADS PACE SENITED 1/2/85 10.05 Am  DECILED 2/2/85  MANUSCO 7/2/86		1 -			1 1			40			() · •		•		***************************************		-	rear to a make the		
DRGANICS  D. PUBGGGLES  A) ARDOMATICS  BENZENE  LOCOLUMN D.QOSUM D.QOSUM  TOLVENE  XYLENES  HEYENED DISCOLUMNE  DIGHT HYLO IS WITI THE  B) HILLOGENATED  N/D  N/D  N/D  N/D  N/D  N/D  N/D  N	<u> </u>	:1															1		Va	
DREANICS  1) PURGABLES  A) AROMATICS  BENZENE  TOLUFIE  XYLENES  HEYENES  HEYENES  OCCUPIE  OCCUPITY OFFICE  DIENTIFY OFFICE  B) HALOSENATED  N/D  N/D  NOTE: SAMPLE EM3(A+B) HAD BUSBLESIN WHEAD SPACE SAMPLED 7/22/EC ID: SAMPLED ANALYZED 7/22/EC  AMALIZED 7/21/EC  AMALIZED 7/21/EC  AMALIZED 7/21/EC		ZAZ	8 77						1 7 7 7		,;			11						-
NOTE: SAMPLE 843/A+B) HAD BUSSIESIN MEND SPACE SAMPLED 7/27/86 in 25 Am.  NOTE: SAMPLE 843/A+B) HAD BUSSIESIN MEND SPACE SAMPLED 7/27/86 in 25 Am.  NOTE: SAMPLE 843/A+B) HAD BUSSIESIN MEND SPACE SAMPLED 7/27/86 in 25 Am.  NOTE: SAMPLE 843/A+B) HAD BUSSIESIN MEND SPACE SAMPLED 7/27/86 in 25 Am.  NOTE: SAMPLE 843/A+B) HAD BUSSIESIN MEND SPACE SAMPLED 7/27/86 in 25 Am.  NOTE: SAMPLE 843/A+B) HAD BUSSIESIN MEND SPACE SAMPLED 7/27/86 in 25 Am.  NOTE: SAMPLE 843/A+B) HAD BUSSIESIN MEND SPACE SAMPLED 7/27/86 in 25 Am.	10/10/10/		- :		- <u>!:</u> -:						-11									<u>+</u> -
A) AROMATICS  BENZENE  ZODOLISM  TOLVENE  YYLENES  HEYCHERISTON  DIMETHY O'S SIFTE  B) HALOGENATED  N/D  N/D  N/D  N/D  N/D  N/D  N/D  N					<del>i</del>		-	1 1	<del>   - - </del> -							++	-#			1
BENZENT ZO. OCTOM DIROSIM D.						<del> </del>	ļ	1									,			-
TOLVENE  XYLENES  HEYENERISYCOHEXANIS  OTHER TRACE  LO. 001 HM  DITTEST: ON LINIT  NOTE: SAMPLE 843(A+B) HAD BUSBLESSW HEAD SPACE SAMPLED 7/2/86 TO 25AM  NOTE: SAMPLE 843(A+B) HAD BUSBLESSW HEAD SPACE SAMPLED 7/2/86 TO 25AM  NOTE: SAMPLE 843(A+B) HAD BUSBLESSW HEAD SPACE SAMPLED 7/2/86 TO 25AM  NOTE: SAMPLE 843(A+B) HAD BUSBLESSW HEAD SPACE SAMPLED 7/2/86 TO 25AM  NOTE: SAMPLE 843(A+B) HAD BUSBLESSW HEAD SPACE SAMPLED 7/2/86 TO 25AM  NOTE: SAMPLE 843(A+B) HAD BUSBLESSW HEAD SPACE SAMPLED 7/2/86	•		<u>-</u> -			TRA	CE	20-0	1	0030	an	2	777	2000			•			-
NOTE: SAMPLE 843 (4+0) HAD BURBLES WHEAD SPACE SAMPLED 7/2/85 TO SEAR MEXICAD 7/2/85					<	<i>D. c</i>	70//	7771	0.0	7000		0,0	1238			<u> </u>		,		<del>-</del>
NOTE: SAMPLE 843/A+B) HAD BUBGISSIN HEAD SPACE SAMPLED 7/22/EC 10:25AM							<u> </u>		<u> </u>			-								<del></del>
NOTE: SAMPLE 243(A+B) HAD BUSBIES WHEAD SPACE SAMPLED 7/22/86 10:25 AM  NOTE: SAMPLE 243(A+B) HAD BUSBIES WHEAD SPACE SAMPLED 7/22/86 10:25 AM  NOTE: The state of the state o			+			<del>7</del> -	<del></del> -	1	7/	ZACE					ļ					<u>+</u>
NOTE: SAMPLE 843/4+5) HAD BUBBLES W MEAD SPACE SAMPLED 7/22/86 10 25 AM DECISION 7/22/86 10 25 A	' /						<u> </u>		7	RACE	001	91	<del></del>		<del></del>		-		Ī	<u></u> -
NOTE: SAMPLE 843(A+B) HADBUEBLES, WHEAD SPACE SEINILED 7/22/8C 10 25 AM DECISED 7/23/8C ANALIZED 7/24/8G	<u> </u>	ÍT				<del> </del>	1		\ \ \ \ \ \	.007		 						† · · · · · · · · · · · · · · · · · · ·		+ i
NOTE: SAMPLE 843(A+B) HADBUSBUSSIN HEADSPACE SAMPLED 7/22/8C 10 25 AM DECISIO 7/22/8C 10 25 AM DECISIO 7/23/8C ANALIZED 7/23/8C	B) HILLOSEOLATED					ļ	1/0		1	1/0	:		1/1	2	1.			i .	, 1	1
NOTE: SAMPLE 843 (A+B) HAD BUBBLESIN HEAD SPACE SAMPLED 7/22/8C 10:25 AM PROTECTED 7/21/8C  AMALIZED 7/24/8C	DJ JAKE OS KINE D	<u>i</u>					7.0.			10			0./.				,	i		;
NOTE: SAMPLE 843 (A+B) HAD BUBBLESIN HEAD SPACE SAMPLED 7/22/8C 10:25 AM PROTECTED 7/21/8C  AMALIZED 7/24/8C	DETECTION / In. T							1				0-	0010	em		,				<del>+</del>
NOTE: SAMPLE 843(A+B) HAD BUBBLESIN HEADSPACE SAMPLED 7/22/86 10:25 AM DECIENT D 7/22/86 ANALIZED 7/24/86	Decises to be a control of					<del>!                                    </del>			<del> </del>		1.				<del> </del>					1
NOTE: SAMPLE 843 (A+B) HAD BUBBLESIN HEAD SPACE SAMPLED 7/22/8C DO 25AM DECICLED 7/27/8C ANALIZED 7/24/8C	gandar (19 ggs. 1 m. 19 <del>00.ggs. natille</del> 1 Tama aktillelege og med 1 f.gg. segnete 1 m. 1 mm 1 ml. 1 ml. 1 f.f. m. 1 ke Millege er stad 1					<del> </del>		- <del>-</del>	'				: 1	:	1			:		-
NOTE: SAMPLE 843 (A+B) HAD BUBBLES, WHEAD SPACE SAMPLED 7/22/86 10:25 AM  NEC'EVED 7/27/86  ANALIZED 7/24/86	Andrew Processing Control of the Con	<u>:</u>				1				\			<del>                                     </del>		1			!		+
NOTE: SAMPLE 843 (A+B) HAD BUBBLES, WHEAD SPACE SAMPLED 7/22/86 10:25 AM  NEC'EVED 7/27/86  ANALIZED 7/24/86								:				İ	1				Married Accounts	1		
NOTE: SAMPLE 843 (A+B) HAD BUBBLES, WHEAD SPACE SAMPLED 7/22/86 10:25 AM  NEC'EVED 7/27/86  ANALIZED 7/24/86		:										i					i	;		:
NOTE: SAMPLE 843 (A+B) HAD BUBBLES, WHEAD SPACE SAMPLED 7/22/86 10:25 AM  NECIEVED 7/27/86  ANALIZED 7/24/86	**************************************		i			1 1			1	1	***	1	<u>.</u>		1				1	-i
NOTE: SAMPLE 843 (A+B) HAD BUBBLES, WHEAD SPACE SAMPLED 7/22/86 10:25 AM  MECIEVED 7/27/86  ANALIZED 7/24/86						+		+	+	1		-	1		+	1		<u> </u>	-	$\pm$
NOTE: SAMPLE 843 (A+B) HAD BUBBLES, WHEAD SPACE SAMPLED 7/22/86 10:25 AM  NEC'EVED 7/27/86  ANALIZED 7/24/86	32,					-		<u> </u>	1			1			+		1.	+	+	
NOTE: SAMPLE 843 (A+B) HAD BUBBLESIN HEAD SPACE SAMPLED 7/22/8C 10:25 AM  NECTORE 7/22/8C  ANALIZED 7/24/8C									-		**			1 11		<del> </del>	<u>.</u>	+	+-	+
NOTE: SAMPLE 843 (A+B) HAD BUBBLESIN HEAD SPACE SAMPLED 7/22/86 DO: 25 AM  NECTEVED 7/24/86  ANALIZED 7/24/86						+			+ +			-				ļ		1	-	
NOTE: SAMPLE 843 (A + B) HAD BUBBLESIN HEAD SPACE SAMPLED 7/22/86 DO: 25 AM  NECTEVED 7/24/86  ANALIZED 7/24/86						+		1	+-+	1		<del> </del>	+	1 .		1		+		
NOTE: SAMPLE 843 (A + B) HAD BUBBLES, WHEAD SPACE SAMPLED 7/22/86 10:25 AM  NECIENED 7/27/86  ANALIZED 7/24/86		1	· :			+		1	+		<u>:</u> -	+	<del></del>	· · · · · ·	<del> </del>	-		-	-	+
NOTE: SAMPLE 843 (A + B) HAD BUBBLES, WHEAD SPACE SAMPLED 7/22/86 10:75 AM  NECVEVED 7/27/86  AWALIZED 7/24/86								1		+			$+ \div$			+	<del></del>	+++	+::	+
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#### MONUMENT N.M.

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#### SCIENTIFIC LABORATORY DIVISION ;

H ENVIRONMENT

STATE OF NEW MEXICO

700 Camino de Salud NE Albuquerque, NM 87106 841-2570

REPORT TO: BSEAU Simpson S.L.D. No. OR-843-A-B
EID, water Supply DATE REC. 7/23/86
P.O. Box 968
Santa Fe, N.M. 87504-0968 PRIORITY 1,5
PHONE(S): 827-2777 USER CODE: 15 2 8 1 4
SUBMITTER: R. Ruffner CODE:
SAMPLE COLLECTION CODE: (YYMMDDHHMMIII) 8 6 0 7 2 2 1 0 2 5
SAMPLE TYPE: WATER , SOIL , FOOD , OTHER:
COUNTY: Lea ; CITY: Monument
LOCATION CODE: (Township-Range-Section-Tracts) 1 9 5 + 3 7 E 2 9 + 1 (10N06E24342)
ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens
required. Whenever possible list specific compounds suspected or required.
PURGEABLE SCREENS EXTRACTABLE SCREENS
[ (753) Aliphatic Purgeables (1-3 Carbons) [ (751) Aliphatic Hydrocarbons
(754) Aromatic & Halogenated Purgeables (760) Organochlorine Pesticides
(765) Mass Spectrometer Purgeables (755) Base/Neutral Extractables
[ (766) Trihalomethanes [ (758) Herbicides, Chlorophenoxy acid
Other Specific Compounds or Classes [ (759) Herbicides, Triazines
[ (760) Organochlorine Pesticides
[ [761] Organophosphate Pesticides
[ (767) Polychlorinated Biphenyls (PCB's)
[ (764) Polynuclear Aromatic Hydrocarbons
[ [762] SDWA Pesticides & Herbicides
Remarks:
Remarks:  FIELD DATA:
Remarks:  FIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual=mg/l
PIELD DATA:         pH=; Conductivity=umho/cm atoC; Chlorine Residual=mg/l         Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/
PIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual=mg/l
FIELD DATA:  pH=; Conductivity=umho/cm atOC; Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/  Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:  Sampling Location, Methods and Remarks (i.e. odors, etc.)
FIELD DATA:  pH=; Conductivity=umho/cm atOC; Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/  Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:  Sampling Location, Methods and Remarks (i.e. odors, etc.)
PIELD DATA:  pH=; Conductivity=umho/cm atOC; Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/  Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:
FIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/_  Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument East well. water was milky due to completessed air. Impossible to get all the bubbles out.  I certify that the results in this block accurately reflect the results of my field analyses, observations and
FIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/_  Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument East well. water was milky due to completessed air. Impossible to get all the bubbles out.  I certify that the results in this block accurately reflect the results of my field analyses, observations and
FIELD DATA:  pH=; Conductivity=umho/cm atOC; Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate
FIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/_  Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument East well. water was milky due to completessed air. Impossible to get all the bubbles out.  I certify that the results in this block accurately reflect the results of my field analyses, observations and
FIELD DATA:  pH=; Conductivity=umho/cm atOC; Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate
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FIELD DATA:  pH=; Conductivity=umho/cm atOC; Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/  Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument Fast well. water was milky due to Completessed all Languages, Depth and the bubbles out.  I certify that the results in this block accurately reflect the results of my field analyses, observations and activities (signature collector): Method of Shipment to the Lab:
FIELD DATA:  pH=; Conductivity=umho/cm_at°C; Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/  Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:
FIELD DATA:  pH=; Conductivity=umho/cm atOC; Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/  Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monvment East well. water was milky due to Compressed Q(V. Impossible to get all the bubbles out.]  I certify that the results in this block accurately reflect the results of my field analyses, observations and activities.(signature collector):Method of Shipment to the Lab:This form accompanies Septum Vials, Glass Jugs, and/or

#### **ANALYSES PERFORMED**

LAB. No.: OR- 843

#### THIS PAGE FOR LABORATORY RESULTS ONLY

This sample was tested using the analytical screen	ning method(s)	checked below:	
PURGEABLE SCREENS  (753) Aliphatic Purgeables (1-3 Carbons)  (754) Aromatic & Halogenated Purgeables  (765) Mass Spectrometer Purgeables  (766) Trihalomethanes  Other Specific Compounds or Classes		EXTRACTABLE SCREENS  (751) Aliphatic Hydrocarbons (760) Organochlorine Pesticides (755) Base/Neutral Extractables (758) Herbicides, Chlorophenoxy acid (759) Herbicides, Triazines (760) Organochlorine Pesticides (761) Organophosphate Pesticides (767) Polychlorinated Biphenyls (PCB's) (764) Polynuclear Aromatic Hydrocarbons (762) SDWA Pesticides & Herbicides	
ANA	ALYTICA	L RESULTS	
COMPOUND (S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC.
	[PPB]	1 - 1   - 1   1   1   1   1   1   1   1	[PPB]
servere		Malogenales Anograpus	IVID
[Hexene or Cyclo hexane ]	Trul		
[Dimethyldisulfeds]	Trel		
,	1 1	1	1
	l		
-			
* DETECTION LIMIT * *	1ppb	+ DETECTION LIMIT +	
ABBREVIATIONS USED:  N D = NONE DETECTED AT OR ABOVE T R = DETECTED AT A LEVEL BELOW [ RESULTS IN BRACKETS ] ARE UNCONF  LABORATORY REMARKS His sample	THE STATED	DETECTION LIMIT (NOT CONFIRMED)  OR WITH APPROXIMATE QUANTITATION	
CERTIFICAT	E OF ANALY	TICAL PERSONNEL	
Seal(s) Intact: Yes No No Seal(s) broken by	<b>:</b>	date:	
Seal(s) Intact: Yes No No Seal(s) broken by I certify that I followed standard laboratory procedure	res on handling	and analysis of this sample unless otherwise noted	and
that the statements on this page accurately reflect the			
Date(s) of analysis: 21 July 86. Analyst's sig	nature:	Luiney	
I certify that I have reviewed and concur with the	analytical resul	ts for this sample and with the statements in this	block.
Reviewers signature: Kneye hum	<del>-</del>	· ·	
' /			

#### STATE OF NEW MEXICO EID: 2120 N. Alto Hobbs, N.M. 88240 Please Send ENVIRONMENT -To!

Signatures

# SCIENTIF LABORATORY DIVISION 700 Camino de Salud NE Albuquerque, NM 87106 841-2570

Priority

REPORT TO: OSEAR Simpson	s.L.D. No.: OR- 8/8
P. D. 130x 968  Santa Feg N, M, 87504-0968	DATE REC. :
P.O. 130x 968	
Santa Feg N, M, 87504-0968	
PHONE(S): 827-2777	USER CODE: (5/2/9/14)
SUBMITTER: Lutjens	SUBMITTER CODE:
SAMPLE TYPE: WATER , SOIL , OTHER	SAMPLE TYPE CODE:
COLLECTED 7/10/86-12:20 BY DEL	
	CODE:
NEAREST CITY: Monument	
LOCATION: 7195 R37E 529	CODE: TOWNSHIP RANGE SECTION TRACTS
pH=; Conductivity=umho/cm at	
Dissolved Oxygen=mg/l; Alkalinity=	1
Sampling Location, Methods and Remarks (i.e.	e. odors, etc.)
No odor noted	
I certify that the statements in this bloc	k accurately reflect the results
of my field analyses, observations and act	ivities. For Lityers
Method of shipment to the Laboratory $\cup U$	175
This form accompanies 2 Septum Vials,	Glass Jugs,
Containers are marked as follows to indicate NP: No preservation; sample sto	
P-Ice Sample stored in an ice bat	h (not frozen).
P-Na ₂ S ₂ O ₃ ; Sample preserved with Na ₂ S ₂	o ₃ to remove chlorine residual.
I (we) certify that this sample was transf	
to at (location)_	
/ and that the statemen	ts in this block are correct.
Evidentiary Seals: Not Sealed Seals	
Signatures	
(we) certify that this sample was transfe	rred from
to at (location)_	
	011
DATE AND TIME	ts in this block are correct.

PL	EASE	(SES REQUESTED CHECK THE APPROPRIATE			ATE T		L SCREENS			
Ļ <del></del> ,	·	ED. WHENEVER POSSIBLE	LIST SPECIFIC C		-[z]-	SUSPECTED OR REQUIRED				
QUALITATIVE	QUANTI TATIVE	PURGEAI SCREE		QUALITATIVE	QUANTITATIV	EXTRACTAE SCREEN				
		ALIPHATIC HYDROCARBOI AROMATIC HYDROCARBON HALOGENATED HYDROCARI GAS CHROMATOGRAPH/MAS Hold For I From Oscar	SCREEN BON SCREEN SS SPECTROMETER			ALIPHATIC HYDROCAR CHLORINATED HYDROC CHLOROPHENOXY ACID HYDROCARBON FUEL S ORGANOPHOSPHATE PE POLYCHLORINATED BI	ARBON PESTICIDES HERBICIDES CREEN STICIDES PHENYLS (PCB's)			
						POLYNUCLEAR AROMAT TRIAZINE HERBICIDE				
						TRINE IN TRANSPORT	.3			
		SPECIFIC COMP	POUNDS			SPECIFIC COMP	OUNDS			
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					<b></b>					
REM	ARKS	•								
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		A	NALYTICAL	RE	SUL	TS	<del></del>			
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I co samp on to	ertii ole u chis e(s)		and that the state the analytical	n by: proce atement resu	edure nts i ilts	do so on handling and an in this block and the for this sample.	analytical data			
		statements in this b								



## SCIENTIFIC LABORATORY DIVISION 70 Amino de Salud NE Albuquerque, NM 87106 841-2570

754

REPORT TO: FID-WATKRSUPPLY S.L.D. No.: OR-6/9-AB
P. 03 0 × 968 DATE REC. : 5/24/86
SANTO FR N.M 87504 PHONE 8272777
ATT: OS CAR Simpson USER CODE:  5 2 0 1 0
CONTAINERS WHICH ACCOMPANY THIS FORM ARE COLLECTIVELY REFERED TO AS SAMPLE.
SUBMITTER: OS CARE S: MPS oa/ CODE:
SAMPLE TYPE: WATER , SOIL , OTHER CODE:
COLLECTED: 5 / 22 /86 - 1/: 10AmBY 0AS CODE: YYMMDDHHMMIII
SOURCE: WATER WELL CODE:   +   +     +
NEAREST CITY: 110NU MEA, 7 2/. 117 CODE:
LOCATION:  MONUMENT SCHOOL WELLE!  FAST CODE:  TOWNSHIP RANGE SECTION TRACTS
pH=; Conductivity=umho/cm atOC; Chlorine Residual=
Dissolved Oxygen=mg/l; Alkalinity=; Flow Rate=
Sampling Location, Methods and Remarks (i.e. odors, etc.)
From Well HEAD TAP
I certify that the statements in this block accurately reflect the results
of my field analyses, observations and activities
Method of shipment to the Laboratory State Vechicle 0F8345
This form accompanies <u>2</u> Septum Vials, <u>Glass Jugs</u> , Containers are marked as follows to indicate preservation:
NP: No preservation; sample stored at room temperature.
P-Ice Sample stored in an ice bath (not frozen).
P-Na ₂ S ₂ O ₃ ; Sample preserved with Na ₂ S ₂ O ₃ to remove chlorine residual.

I (we) certify that this sample was transferred from MINONOUNEAL	7
to <u>A L B.</u> at (location) <u>SLD L1B</u>	on
5 / 26 / 86 - and that the statements in this block are correct.	
Evidentiary Seals: Not Sealed Seals Intact: Yes No	
Signatures DA Surper	
(We) certify that this sample was transferred from	
	on
to at (location)	on
	on
to at (location) and that the statements in this block are correct.	on

PI		YSES REQUESTED CHECK THE APPROPRIATE ED. WHENEVER POSSIBLE				E 1	.AB. No.: ORG- THE TYPE OF ANALYTICA SUSPECTED OR REQUIRED	L SCRÉENS				
QUALITATIVE	QUANTITATIVE	PURGEA: SCREE		OUAL ITĂT IVE		QUANTITATIV	EXTRACTAL SCREEN					
	XX	ALIPHATIC HYDROCARBO AROMATIC HYDROCARBON HALOGENATED HYDROCAR GAS CHROMATOGRAPH/MA	SCREEN BON SCREEN			RBONS CARBON PESTICIDES O HERBICIDES CREEN CSTICIDES PHENYLS (PCB's) CIC HYDROCARBONS CS						
		SPECIFIC COMP	POUNDS				SPECIFIC COMF					
REM	ARKS	:				a, s		1 35.9% N				
		A	NALYTICAL	RE	S	UL	 .TS	:				
ar	om	1POUND atic Pourgeables enated purgables	[PPB]  None letected  none selected		CO	MF	POUND	[PPB]				
F	FMA			*	DE	ETE	CTION LIMIT	[mgm/l				
	1 1 1 1											
I constant	CERTIFICATE OF ANALYTICAL PERSONNEL  Seal(s) Intact: Yes NO Seal(s) broken by: date:  I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements in this block and the analytical data on this page accurately reflect the analytical results for this sample.  Date(s) of analysis:											

		R _U	Dlea	co Carlo Caraco	to 21-66-
0276 -C		B-4	-     (COT)	se Send a Copy	· · · · · · · · · · · · · · · · · · ·
	O SCAR SIMPSO	7 N	LABO	RATORY Organ	ίς.
	water Sapply	<u> </u>	LAB	NUMBER	
ENVIRONMENT	SANTA FE		,	Priority	Two
"1"				Users Code No	52040
ALL CONTAINER	S WHICH THIS FORM ACC	COMPANIES ARE CO	DLLECTIVELY	REFERRED TO AS '	SAMPLE".
Sample Type:	CERTIF Water ☐ Soil ☐	FICATE OF FIELD Other	PERSONNEL		
Water Supply	and/or Code No. Mo	nument - 0	LD School	house well	EAST #12
	MONUMENT				
Collected (da	te & time) <u>3-22-85</u>	- 10AM	By (name)_	R. Ruttner	
oH=; Co	nductivity=	_umho/cm at	°C; Ch	orine Residual=_	
Dissolved Oxy Sampling Loca Still bein	gen= mg/1; Alk tion, Methods & Remar g used insteal of	calinity= rks (i.e. odors Reactivate	etc.) Swell,	APR 04	985
analyses, obs I certify tha with the stat	t the statements in tervations and activite I witnessed these fements in this block.	ties. Signed_ field analyses, . Signed	observation	ons and activities	SECTION and concur
specimen <u>olo</u> and ambe and othe Containers ar	pment to Laboratory_OMPANIES_Z septum variety; duplicate r glass jug(s) with the r container(s) (describe marked as follows to the preservation; sample stored in an insample preserved with	teflon-lined cap ribe) to indicate presole stored at re ice bath.	icate o(s) ident servation oom tempera	; blank(s)_ ified as identified as (circle): iture (~20°C).	,
- / >	CERTIF:	ICATE(S) OF SAI	MPLE RECEI	PT	
	y that this sample wa				
	f Cample				
Disposition o Signature(s)_	f Sample		Sear(s)	intact: fes L	NO □ .
I (we) certif	y that this sample wa	as transferred	from		to
	ē				
	f Sample		Seal(s)	Intact: Yes □	No □ .

	ANALYSES REQUESTED  PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS							
	REQUIRED. WHENEVER POSSIBLE LIST SPECIFIC COMPOUNDS SUSPECTED OR REQUIRED.							
QUALITATIVE	QUANTITATIVE	PURGEABLE SCREENS			QUALITATIVE	QUANTITATIVE	EXTRACTAE SCREEN	
l a	L _Q			Н	<u></u>	Ö	47.70.4.70.0.00.00.00.00.00.00.00.00.00.00.00.0	
-		ALIPHATIC HYDROCARBO AROMATIC HYDROCARBON		Н		<b>}</b> -	ALIPHATIC HYDROCAR CHLORINATED HYDROC	
<u> </u>		HALOGENATED HYDROCAR	2	H	<del></del>		CHLOROPHENOXY ACID	
		GAS CHROMATOGRAPH/MA	SS SPECTROMETER	H			HYDROCARBON FUEL S	
				H		<del>                                     </del>	ORGANOPHOSPHATE PE	STICIDES
				П			POLYCHLORINATED BI	PHENYLS (PCB's)
				П			POLYNUCLEAR AROMAT	IC HYDROCARBONS
				П			TRIAZINE HERBICIDE	S
1		SPECIFIC COM	POUNDS				SPECIFIC COMP	POUNDS
				Ц				
				Ц		<u> </u>		
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DE	I IARKS			Ц				
KEN	MRKS	:				<del></del>		
<del> </del>				-			4	
		A	NALYTICAL		RE:	SUL	TS	ra-
		1POUND	[PPB]		C	OM	POUND	[PPB]
GC	1/1	S Purgeobles	None Vetected	니				
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-				H	· ·		COTTON LIMIT	
			<del>}</del>	$\mu$	* ;	UE IE	CTION LIMIT	1 149/2
F	EMH	RKS: No pungeal	bles Detected					<del>-</del>
					<u>-</u>			
			ERTIFICATE OF ANA			CAL F		
		Intact: Yes (NO X						ate:
		y that I followed star						
	sample unless otherwise noted and that the statements in this block and the analytical data on this page accurately reflect the analytical results for this cample.							
Date	Date(s) of analysis: 3/24/85 . Analyst's signature:							
		y that I have reviewe	d and concur with	h	the	anal	ytical results for t	his sample and
Wit	with the statements in this block. Reviewers signature:							

REPORT TO:    Cas Corper   LABORATORY   CARRIED			- 83
ALL CONTAINERS WHICH THIS FORM ACCOMPANIES ARE COLLECTIVELY REFERRED TO AS "SAMPLE".  Sample Type: Water Soil Other Water Supply and/or Code No. Monument USS, 37/-13 & City & County Memorat Lea Collected (date & time) 2-22-57 Mm By (name) P.Ruffrer PH=; Conductivity= umho/cm at "C; Chlorine Residual= Dissolved Oxygen= mg/1; Alkalinity= ; Flow Rate= Sampling Location, Methods & Remarks (i.e. odors etc.) Coll School house well is being used instead of #2 FAST OLD School house well is being used instead of #2 FAST I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed Method of Shipment to Laboratory Pural see it is plank(s) THIS FORM ACCOMPANIES — septum vials with teflon-lined discs identified as: specimencus staffunci duplicate it riplicate is blank(s) and mober glass jug(s) with teflon-lined cap(s) identified as container are marked as follous to indicate preservation (circle): No preservation; sample stored at room temperature (~20°C) P-IGE: Sample preserved with 3 mg Na ₂ O ₃ S ₂ /40 ml and stored at room temperature.  CERTIFICATE(S) OF SAMPLE RECEIPT I (we) certify that this sample was transferred from to at (location) on (date & time) and that the statements in this block are correct.  Disposition of Sample Signature(s)  I (we) certify that this sample was transferred from to at (location) on and that the statements in this block are correct.  Disposition of Sample Signature(s)  Signature(s)  Signature(s)	REPORT TO:	Gus Cordova	LABORATORY Organic
ALL CONTAINERS WHICH THIS FORM ACCOMPANIES ARE COLLECTIVELY REFERRED TO AS "SAMPLE".  Sample Type: Water Soil Other Water Supply and/or Code No. Monument USS 37/-13 are  City & County Normant Lea  Collected (date & time) 2-22 rs PAM By (name) P.Ru Free  Sampling Location, Methods & Remarks (i.e. odors etc.)  Coll School house Well is being used instead of #2Enst  The Reactivated well and the pump is replaced in the reactivate well,  analyses, observations and activities. Signed  I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed  Method of Shipment to Laboratory  THIS FORM ACCOMPANIES 2 septum vials with teflon-lined discs identified as:  and other container(s) (describe)  Containers are marked as follows to indicate preservation (circle):  No preservation; sample stored at room temperature (-20°C)  Sample stored in an ice bath.  Fig. 20.52: Sample preserved with 3 mg Na ₂ O ₃ O ₂ AO ml and stored at room temperature.  CERTIFICATE(S) OF SAMPLE RECEIPT  to  at (location)  on  (date & time)  Disposition of Sample  Signature(s)	الأنسلي		<b>.</b>
ALL CONTAINERS WHICH THIS FORM ACCOMPANIES ARE COLLECTIVELY REFERRED TO AS "SAMPLE".  CERTIFICATE OF FIELD PERSONNEL  Sample Type: Water Soil Other  Water Supply and/or Code No. Menunent Uss, 37/-13 &  City & County Menunent Lea  Collected (date & time) 2-2x y Mm By (name) P.Ruffer  ph= ; Conductivity= umbn/cm at "C; Chlorine Residual=  Dissolved Oxygen= mg/l; Alkalinity= ; Flow Rate=  Sampling Location, Methods & Remarks (i.e. odors etc.)  OLD School house well is being used instoned of #2 EMS?  The Reschivated well until the pump is replaced in the reactivated well.  I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed  I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed  Method of Shipment to Laboratory  Public FORM ACCOMPANIES 2 septum vials with terilon-lined discs identified as: plank(s) , and amber glass jug(s) with terilon-lined class identified as: plank(s) , and amber glass jug(s) with terilon-lined cap(s) identified as and other container(s) (describe)  Containers are marked as follows to indicate preservation (circle):  Sample stored in an ice bath.  No preservation; sample stored at room temperature (~20°C).  P-ICE: Sample stored in an ice bath.  CERTIFICATE(S) OF SAMPLE RECEIPT  I (we) certify that this sample was transferred from to at (location) on (date & time) and that the statements in this block are correct.  Disposition of Sample Seal(s) Intact: Yes No  At (location) on (date & time) and that the statements in this block are correct.  Disposition of Sample Seal(s) Intact: Yes No  Seal(s) Intact: Yes No  Signature(s)	F		
ALL CONTAINERS WHICH THIS FORM ACCOMPANIES ARE COLLECTIVELY REFERRED TO AS "SAMPLE".  CERTIFICATE OF FIELD PERSONNEL  Other  Water Supply and/or Code No.	ENVIRONMENT		Triority 2000
Sample Type: Water Soil Other  Water Supply and/or Code No. Manument Uss. 37/-13 at City & County Menument Lea  Collected (date & time) 2-28 rs Mm By (name) P. Put Tree  pH= ; Conductivity= umho/cm at °C; Chlorine Residual=  Dissolved Oxygen= mg/1; Alkalinity= ; Flow Rate=  Sampling Location, Methods & Remarks (i.e. odors etc.)  CLD School house well is being used instructed well.  I certify that the statements in this block accurately reflect the reactivated well.  I certify that I witnessed these field analyses, observations and activities. Signed  I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed  Method of Shipment to Laboratory  THIS FORM ACCOMPANIES 2 septum vials with teflon-lined discs identified as: specimencus studies (duplicate in triplicate in the statements in this block of the containers are marked as follows to indicate preservation (circle):  MPEN No preservation; sample stored at room temperature (~20°C)  P-IGE Sample stored in an ice bath. * * * * * * * * * * * * * * * * * * *	ALL CONTAINE	ERS WHICH THIS FORM ACCOMPANIES ARE C	DLLECTIVELY REFERRED TO AS "SAMPLE".
Water Supply and/or Code No. Monument USS. 37/-13 & Collected (date & time) 2-28-85 PLM By (name) P.Ruffree P. Conductivity= umbo/cm at "C; Chlorine Residual= Dissolved Oxygen= mg/1; Alkalinity= ; Flow Rate= Sampling Location, Methods & Remarks (i.e. odors etc.) OLD School house well is being used instead of #2 EAST the Reactivated well until the pump is replaced in the reactivated well analyses, observations and activities. Signed I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed Method of Shipment to Laboratory Purality R. THIS FORM ACCOMPANIES 2 septum vials with teflon-lined discs identified as: specimenous stall house duplicate in triplicate in the block of the renation of the container(s) (describe). Page No preservation; sample stored at room temperature (~20°C). Sample stored in an ice bath. Signed Containers are marked as follows to indicate preservation (circle): No PRIA203S2: Sample preserved with 3 mg Na203S2/40 ml and stored at room temperature.  CERTIFICATE(S) OF SAMPLE RECEIPT  I (we) certify that this sample was transferred from to at (location) on and that the statements in this block are correct. Signature(s)  I (we) certify that this sample was transferred from to at (location) on and that the statements in this block are correct. Disposition of Sample Signature(s)  Seal(s) Intact: Yes No .	·		PERSONNEL
Collected (date & time) 2-28.75 PAM By (name) R.Ruffrer  pH= ; Conductivity= umho/cm at °C; Chlorine Residual=  Dissolved Oxygen= mg/l; Alkalinity= ; Flow Rate=  Sampling Location, Methods & Remarks (i.e. odors etc.)  OLD School hause well is being used instead of #2EAST  the Reactivated well and the pump is replaced in the reactivated well  I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed  I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed  Method of Shipment to Laboratory  Puralder  THIS FORM ACCOMPANIES  2 septum vials with teflon-lined discs identified as: specimengus studies; duplicate itriplicate; blank(s) , and amber glass jug(s) with teflon-lined cap(s) identified as  and other container(s) (describe) reservation (circle):  NPP— No preservation; sample stored at room temperature (~20°C).  P-ICE: Sample stored in an ice bath.  Fina_0_0_Sc: Sample preserved with 3 mg Na_0_0_Sc/40 ml and stored at room temperature.  CERTIFICATE(S) OF SAMPLE RECEIPT  I (we) certify that this sample was transferred from to (date & time) and that the statements in this block are correct.  Disposition of Sample Seal(s) Intact: Yes No and that the statements in this block are correct.  Disposition of Sample and that the statements in this block are correct.  Disposition of Sample and that the statements in this block are correct.  Disposition of Sample and that the statements in this block are correct.  Disposition of Sample and that the statements in this block are correct.  Disposition of Sample and that the statements in this block are correct.	•		27/12
Collected (date & time) 2-28-5 81/m By (name) Religious PH= ; Conductivity= umho/cm at			
Dissolved Oxygen= mg/1; Alkalinity= ; Flow Rate=  Sampling Location, Methods & Remarks (i.e. odors etc.)  OLD School house well is being used instead of #2 FAST  He Reactivated well and the pump's replaced in the reactivated well.  I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed  I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed  Method of Shipment to Laboratory  Method of Shipment to Laboratory  THIS FORM ACCOMPANIES 2 septum vials with teflon-lined discs identified as: specimenates statements in this block are containers are marked as follows to indicate preservation (circle):  MP— No preservation; sample stored at room temperature (~20°C).  P-ICE: Sample stored in an ice bath.  P-Na20352: Sample preserved with 3 mg Na203S2/40 ml and stored at room temperature.  CERTIFICATE(S) OF SAMPLE RECEIPT  I (we) certify that this sample was transferred from	City & Count	y Monument LeA	
Dissolved Oxygen= mg/1; Alkalinity= ; Flow Rate= Sampling Location, Methods & Remarks (i.e. odors etc.)  OLD School house well is being used instead of #2 EMST the Reactivated well is being used instead of #2 EMST the Reactivated well until the pump is replaced in the reactivated well.  I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed  I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed  Method of Shipment to Laboratory			
I certify that the statements in this block accurately reflect the reactivated well, analyses, observations and activities. Signed  I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed  Method of Shipment to Laboratory  THIS FORM ACCOMPANIES  2 septum vials with teflon-lined discs identified as: specimengus statilizes; duplicate ; triplicate ; blank(s) , and amber glass jug(s) with teflon-lined cap(s) identified as and other container(s) (describe) identified as  Containers are marked as follows to indicate preservation (circle):  No preservation; sample stored at room temperature (~20°C)  P-IGE? Sample stored in an ice bath. * * * * * * * * * * * * * * * * * * *			
I certify that the statements in this block accurately reflect the reactivated well, analyses, observations and activities. Signed  I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed  Method of Shipment to Laboratory  THIS FORM ACCOMPANIES  2 septum vials with teflon-lined discs identified as: specimengus statilizes; duplicate ; triplicate ; blank(s) , and amber glass jug(s) with teflon-lined cap(s) identified as and other container(s) (describe) identified as  Containers are marked as follows to indicate preservation (circle):  No preservation; sample stored at room temperature (~20°C)  P-IGE? Sample stored in an ice bath. * * * * * * * * * * * * * * * * * * *	Dissolved Ox	(ygen= mg/l; Alkalinity= mg/l; Alkalinity=	; Flow Rate=
I certify that the statements in this block accurately reflect the reactivated well, analyses, observations and activities. Signed  I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed  Method of Shipment to Laboratory  THIS FORM ACCOMPANIES  2 septum vials with teflon-lined discs identified as: specimengus statilizes; duplicate ; triplicate ; blank(s) , and amber glass jug(s) with teflon-lined cap(s) identified as and other container(s) (describe) identified as  Containers are marked as follows to indicate preservation (circle):  No preservation; sample stored at room temperature (~20°C)  P-IGE? Sample stored in an ice bath. * * * * * * * * * * * * * * * * * * *	Sampring Luc	of School house well is being u	used inters instead of #2 EASI
I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed  I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed  Method of Shipment to Laboratory  Pural dor  THIS FORM ACCOMPANIES 2 septum vials with teflon-lined discs identified as: specimeng to stulk use; duplicate ; triplicate ; blank(s) , and amber glass jug(s) with teflon-lined cap(s) identified as and other container(s) (describe) identified as  Containers are marked as follows to indicate preservation (circle):  No preservation; sample stored at room temperature (~20°C).  P-IGE: Sample stored in an ice bath. *	the per	stilled well until the numni	s replaced in the reactivated well,
analyses, observations and activities. Signed I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed  Method of Shipment to Laboratory  Method of Shipment to Laboratory  THIS FORM ACCOMPANIES  2 septum vials with teflon-lined discs identified as: specimen of Stankard duplicate; triplicate; blank(s), and amber glass jug(s) with teflon-lined cap(s) identified as and other container(s) (describe)  Containers are marked as follows to indicate preservation (circle):  No preservation; sample stored at room temperature (~20°C).  P-ICE:  Sample stored in an ice bath.  F-Na ₂ O ₃ S ₂ :  Sample preserved with 3 mg Na ₂ O ₃ S ₂ /40 ml and stored at room temperature.  CERTIFICATE(S) OF SAMPLE RECEIPT  I (we) certify that this sample was transferred from to at (location) on and that the statements in this block are correct.  Disposition of Sample  Signature(s)  I (we) certify that this sample was transferred from to at (location) on and that the statements in this block are correct.  Disposition of Sample  Seal(s) Intact: Yes No .  Signature(s)  Signature(s)	1 1 1 1 2 1 2 1	citoxica were and the pump	
I certify that I witnessed these field analyses, observations and activities and concurwith the statements in this block. Signed  Method of Shipment to Laboratory  THIS FORM ACCOMPANIES  2 septum vials with teflon-lined discs identified as: specimen to Stanking; duplicate			
Method of Shipment to Laboratory Puralities	analyses, of	oservations and activities. Signed	observations and activities and concur
specimen or start to the statements in this block are correct.  Disposition of Sample  Signature(s)  I (we) certify that this sample was transferred from at (location)  I (we) certify that this sample was transferred from and (location)  I (we) certify that this sample was transferred from at (location)  I (we) certify that this sample was transferred from at (location)  I (we) certify that this sample was transferred from to at (location)  I (we) certify that this sample was transferred from to at (location)  I (we) certify that this sample was transferred from to at (location)  I (we) certify that this sample was transferred from to at (location)  Signature(s)  I (we) certify that this sample was transferred from to at (location)  Signature(s)  Seal(s) Intact: Yes No  Seal(s) Intact: Yes No  Seal(s) Intact: Yes  No  Signature(s)	with the sta	atements in this block. Signed	
specimen or start to the statements in this block are correct.  Disposition of Sample  Signature(s)  I (we) certify that this sample was transferred from at (location)  I (we) certify that this sample was transferred from and (location)  I (we) certify that this sample was transferred from at (location)  I (we) certify that this sample was transferred from at (location)  I (we) certify that this sample was transferred from to at (location)  I (we) certify that this sample was transferred from to at (location)  I (we) certify that this sample was transferred from to at (location)  I (we) certify that this sample was transferred from to at (location)  Signature(s)  I (we) certify that this sample was transferred from to at (location)  Signature(s)  Seal(s) Intact: Yes No  Seal(s) Intact: Yes No  Seal(s) Intact: Yes  No  Signature(s)	Method of Sh	nipment to Laboratory	Puralator
and other container(s) (describe) identified as Containers are marked as follows to indicate preservation (circle):  No preservation; sample stored at room temperature (~20°C).  P-Na203S2: Sample preserved with 3 mg Na203S2/40 ml and stored at room temperature.  CERTIFICATE(S) OF SAMPLE RECEIPT  I (we) certify that this sample was transferred from	THIS FORM AC	COMPANIES <u></u> septum vials with teff	on-lined discs identified as: icate : blank(s)
Containers are marked as follows to indicate preservation (circle):  No preservation; sample stored at room temperature (~20°C).  P-ICE: Sample stored in an ice bath.  P-Na ₂ O ₃ S ₂ : Sample preserved with 3 mg Na ₂ O ₃ S ₂ /40 ml and stored at room temperature.  CERTIFICATE(S) OF SAMPLE RECEIPT  I (we) certify that this sample was transferred from	and amb	per glass jug(s) with teflon-lined ca	p(s) identified as
No preservation; sample stored at room temperature (~20°C). Sample stored in an ice bath.  P-Na203S2: Sample preserved with 3 mg Na203S2/40 ml and stored at room temperature.  CERTIFICATE(S) OF SAMPLE RECEIPT  I (we) certify that this sample was transferred from	Containers a	are marked as follows to indicate ore	servation (circle).
CERTIFICATE(S) OF SAMPLE RECEIPT  I (we) certify that this sample was transferred from	NP	No preservation; sample stored at r	oom temperature (~20°C).
CERTIFICATE(S) OF SAMPLE RECEIPT  I (we) certify that this sample was transferred from	P-ICE	Sample stored in an ice bath.	- 美一(乳)点 - とらにもある。 とうはある。 またい されいか 40 ml and stored at room temperature
I (we) certify that this sample was transferred from at (location) on (date & time) and that the statements in this block are correct.  Disposition of Sample Signature(s)  I (we) certify that this sample was transferred from to at (location) on (date & time) and that the statements in this block are correct.  Disposition of Sample Signature(s) Seal(s) Intact: Yes No .	1 1 1 2 3 2 .	Sumpre preserved wren 3 mg na20332/	40 mi una sepred de room eemperdeure.
and that the statements in this block are correct.  Disposition of Sample	* /	CERTIFICATE(S) OF SA	MPLE RECEIPT
and that the statements in this block are correct.  Disposition of Sample	(we) cert	ity that this sample was transferred	trom to
Disposition of Sample Seal(s) Intact: Yes No  Signature(s)			
Signature(s)  I (we) certify that this sample was transferred from to at (location) on (date & time) and that the statements in this block are correct.  Disposition of Sample Signature(s) Seal(s) Intact: Yes No .			
I (we) certify that this sample was transferred from	Disposition	of Sample	Seal(s) Intact: Yes LJ No LJ .
I (we) certify that this sample was transferred from	Signature(s	)	
(date & time) and that the statements in this block are correct.   Disposition of Sample . Seal(s) Intact: Yes □ No □ .   Signature(s) Image: Signature of the statements in this block are correct.	I (we) cert	ify that this sample was transferred	from to
Disposition of Sample Seal(s) Intact: Yes □ No □ .  Signature(s) Seal(s) Intact: Yes □ No □ .		at (location)	on
Signature(s) DISCISICULATION TO STATE	(date & time	and that the st	atements in this block are correct.
7.87.3			<del>-</del>
7.51.351.3	Signature(s)	<u> </u>	
	<del></del>		7.5.85.4

MAR 071

WATER SUPPLY REGULATION SECTION

PL	PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS							
RE	QUIR	ED. WHENEVER POSSIE	BLE LIST SPECIFIC C	OMPOU	- fel	SUSPECTED OR REQUIRE	D	
QUALITATIVE	QUANTITATIVE	PURGE SCRE		QUAL ITAT IVE	QUANTITATIV	EXTRACTA SCREEN		
ō	رفا	ALIPHATIC HYDROCAF	RON SCREEN	T D	<u>o</u>	ALIPHATIC HYDROCARBONS		
<u></u>	1	AROMATIC HYDROCARE					CARBON PESTICIDES	
<b></b>		HALOGENATED HYDROC		<b>-</b>	<del> </del>	CHLOROPHENOXY ACID HERBICIDES		
		GAS. CHROMATOGRAPH	MASS SPECTROMETER			HYDROCARBON FUEL	SCREEN	
						ORGANOPHOSPHATE P	ESTICIDES	
		-				POLYCHLORINATED E		
						POLYNUCLEAR AROMA	TIC HYDROCARBONS	
						TRIAZINE HERBICII	DES	
<u> </u>					ļ			
		SPECIFIC CO	MPOUNDS		<u> </u>	SPECIFIC COM	POUNDS	
			·.	<b> </b>	<del> </del>			
<u> </u>	<b></b> -			H	┼─			
<u> </u>				H	<del>                                     </del>			
REM	I IARKS	•		<b></b>	<u> </u>			
<u> </u>	<del></del>			· · · · · · · · · · · · · · · · · · ·				
	, _		ANALYTICAL	RE	SUL	_TS		
	CON	1POUND	[PPB]	C	OM	POUND	[PPB]	
GC	M3	Purgeables	N.O. *			MAD		
		•				114		
						MAR		
						LIQUID WASTE/GROUND WATE		
						WASTELO		
	·					RVEILLOUIND		
<b></b>					<del></del>	CANCE WATE	` <u>`</u>	
<del> </del>					netr	CTION I IMIT	1, 10	
				*	DE LE	ECTION LIMIT	Jug 12	
F	REMA	RKS:						
				~ <del>~~~~</del>				
						·		
	1 ( - )	T. E. NO.	CERTIFICATE OF AN.		CAL I		1-1-	
		Intact: Yes NO			dure	es on handling and a	date:	
						in this block and th		
on	this	page accurately ref	lect the analytical	l rest	ılts	for this sample. /	•	
		of analysis: 2/28/					In	
	I certify that I have reviewed and concur with the analytical resulfs for this sample and with the statements in this block. Reviewers signature:							

	الله والعالم الما المنافقة في المنافعة والمنافعة والمنا
	LABORATORY OYGANIC 14/85
GusCordorA	LABORATORY Organic 14/85
Nater Supply.	LAB NUMBER
SANTAFE SANTAFE	- Priority One
ENVISOR PENT J	SLD Users Code No. 59600
ALL CONTAINERS WHICH THIS FORM ACCOMPANIES AR	E COLLECTIVELY REFERRED TO AS "SAMPLE".
CERTIFICATE OF FI	FLD PERSONNEL
Sample Type: Water Soil 0ther	LED I ENSONIEL
Nater Supply and/or Code No. Monument	- OLD School house Well FAST
City & County Moxument 371-13, a	leA ()
Collected (date & time) 2 pm 1-2-85	By (name) K. Ruttick
DH=; Conductivity=umho/cm at	711/
Dissolved Oxygen= mg/l; Alkalinity= Sampling Location, Methods & Remarks (i.e. od	ors end) ////
ampring Location, rictions a remarks (i.e. on	513 Jan 1 0 1985
	REGULATION SEC
certify that the statements in this block a	countrally reflect the Moults of my field
analyses, observations and activities. Signed	Kall Phuhm
I certify that I witnessed these field analyswith the statements in this block. Signed	es, observations and agtivities and concur
	Alsture.
Method of Shipment to Laboratory Muly THIS FORM ACCOMPANIES 2 septum vials with t	eflon-lined discs identified as:
specimen <u>OLO</u> ; duplicate; tr and <u>amber glass</u> jug(s) with teflon-lined	cap(s) identified as,
and amber glass jug(s) with teflon-lined other container(s) (describe) Containers are marked as follows to indicate	identified as preservation (circle):
No preservation; sample stored a	t room temperature (~20°C).
$Y-ICE$ . Sample stored in an ice bath. $Y-Na_2O_3S_2$ : Sample preserved with 3 mg $Na_2O_3$	S ₂ /40 ml and stored at room temperature.
CERTIFICATE(S) OF I (we) certify that this sample was transferr	SAMPLE RECEIPT to to
at (locat	ion)on
(date & time) and that th	
Disposition of Sample	. Seal(s) Intact: Yes 🔲 No 🔲 .
Signature(s)	
5.3	
(we) certify that this sample was transferr	red from to
I (we) certify that this sample was transferr	red from to
I (we) certify that this sample was transferr	red from to on) on
<pre>I (we) certify that this sample was transferr at (locati</pre>	on) to statements in this block are correct.

PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS REQUIRED. WHENEVER POSSIBLE LIST SPECIFIC COMPOUNDS SUSPECTED OR REQUIRED.							
QUALITATIVE	PURGEABLE SCREENS			QUALITATIVE	QUANTITATIVE	EXTRACTAB SCREENS	<del></del>
REM	ALIPHATIC HYDROCARBON SCREEN AROMATIC HYDROCARBON SCREEN HALOGENATED HYDROCARBON SCREEN GAS CHROMATOGRAPH/MASS SPECTROMETER  SPECIFIC COMPOUNDS					ALIPHATIC HYDROCAR CHLORINATED HYDROC CHLOROPHENOXY ACID HYDROCARBON FUEL SO ORGANOPHOSPHATE PER POLYCHLORINATED BIR POLYNUCLEAR AROMAT TRIAZINE HERBICIDES  SPECIFIC COMP	ARBON PESTICIDES HERBICIDES CREEN STICIDES PHENYLS (PCB's) IC HYDROCARBONS
KLII	MICKS						
		AI	NALYTICAL	RE	SUL	_TS	edia Nasar
COMPOUND [PPB]  aromatic ourgeafles, N.D.*  halogenated purgables N.D.*			(	COMI	POUND	[PPB]	
R	* DETECTION LIMIT / Mam/ REMARKS: *A.D. = none detected*. No purgeables detected					[ nam ]	
				_	Y		
Seal(s) Intact: Yes NOX. Seal(s) broken by:  I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements in this block and the analytical data on this page accurately reflect the analytical results for this sample.  Date(s) of analysis:   Analyst's signature:  I certify that I have reviewed and concur with the analytical results for this sample and with the statements in this block. Reviewers signature:							



"State of New Mexico
HEALTH and ENVIRONMENT DEPARTMENT

CHEMICAL and PHYSICAL ANALYSES for WATER SAMPLES

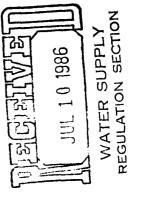
A STATE OF THE PROPERTY OF THE

Date received

1-B SLD user code No.

S-27-8 Water Supply System Name Collection Date FOR PROPER PRESERVATION OF SAMPLES. CONSULT DEFINITIONS ON REVERSE. TYPE OR PRINT WITH BALL POINT PEN. LABORATORY REMARKS Potassium (as K) X MONUME X X ANALYSES: CHEMICAL CATIONS PRIVATE TYPE of SYSTEM (Check one) Tot. Hardnes 00930 Sodium (as Na) Calcium (as Ca) 01056 Manganese (as Mn) 01045 Magnesium (as CaCO₃) (as Fe) Iron-Total (as Mg) SCIENTIFIC LABORATORY DIVISION Check individual items for analysis [Mark appropriate box(es)] 19/4 050 mg/l ~ 4.87 Collection Time 11:10 A M 442 PUBLIC: 🔀 Community Chloride (as CI) ANIONS 00430 Alkalinity (as CaCO₃) 00440 Bicarbonate (as HCO₃) HO 00950 Fluoride (as F) 00945 Sulfate (as SO₄) Carbonate (as CO₃) O0620 Nitrate (as N) 7 Owner Collection Point WELL TADAT WELL ī SAME カナレフジング 15614 Water Supply System Code No. 15 14 49 mg/l <u>ن</u> 180 40 INTERIM PRIMARY PARAMETER GROUP 15 Non-community ablaTotal
Filterable Residue Conductance Micromhos 25°C 38260 Foaming Agents (as Las) PHYSICAL 90400 01330 Odor 00080 Cotor 00070 Turbidity 2017 πg/l 7.6w Drain Collector's remarks City or Location SOURCE: アップログログ L ω HEAVY METALS Spring Stream O1030 Chromium 01025 Cadmium 01000 Arsenic 01145 Selenium 07180 Mercury 01049 Lead 01005 Barium O1075 TYPE of CHEMICAL ANALYSIS Complete Secondary □Lake □Pool mg/i Other (specify) PARAMETER Gross Alpha Gross Beta Radium-228 Radium-226 09501 11501 County 0 Address Report to REGULATION SECTION 뒣 Organic EAL BEIN () C WATER SUPPLY pCi/I PCI/ Date reported Reviewed by 896 X 0 Clord EID WATER SUPPCY TREATED WATER Check one: DSCHUS NADSON ; ; 1 L LONG 7 Methoxxchi 1986 ORGANIC 356 52010 39732 Lindane 39390 Endrin 39740 2, 4, 5-TP 2, 4-0 (Silvex) :: 17 Radiological **MRAW WATER** 87504 mg/ 3

						$\mathcal{I}$	
		DATE 6/21/KL		₱ <b>६८</b> 9°८0T			BALANCE (%)
		09.8	JATOT	1		92.6	JATOT
						00.0	
Hq002-0	0	00.0	CO3	9-0	0	00.0	₽¥
9T-T	0	00.0	кои	1 τ-0	0	_ 00.0	uM
				1			
			-	9-0	0	00.0	K
97-0	7.99T	<b>ፈ</b> ቅ • ቅ	ст	20-250	43.7	06°T	Иа
20-520	6.48	<b>7.14</b>	<b>₹0</b> S	0-10	Z.⊅I	71.L	Mg
SLT-00T	785	86.2	HC03	097-09	JS₫	6T * 9	Са
тхр, каист	ъъм	CALC.MEQ.	ANALYTE	TYP. RANGE	Mqq	CALC.MEQ.	ANALYTE
				1			
			<b>SNOINA</b>	i			CATIONS
			D11-211-E	•			<del></del>





State of New Mexico
HEAI TH and ENVIRONMENT DEPARTMENT
SCIENTIFIC
LABORATORY DIVISION

# CHEMICAL and PHYSICAL ANALYSES for WATER SAMPLES

Date received

HM-10.

-1041 52010

			Mercury
•	,		Selentum
	<del></del>		yxaenja
	•		yxconja
		1.02	zinc
. P [*]		1.07	Vanadium
	:	1.07	пtТ
Sept.		77	seroneium
		1.07	silver
		30.	atītaou
		1.02	ntcket
	-	1.02	Nolybdenum
	-	20.0>	yanganese
	<del></del>		Wagnestum
	-	1.0>	read
		<u> </u>	Ixon
		1.07	HOAL
		1.02	Copper
		1.07	Cobalt
		7,02	Chromtum
		<u> </u>	Calcium
		1.0>	Cadmium
	\$	<u> </u>	вокои
		1.02	векхутиш
		1.0	Barium
		1.07	Aluminum
•	VY AVTOE(WG\T)	TCVE AVEOR (NG/F)	пувшвир
,	77		
09	Date Reported		
KAR	Reviewed By:	Cosamily	Ta: Orkan
98/1	pack ynalyzed: 6/4	98/8/9 :pa	Date submitte
ent Shaft Wall	Sample Code: Merum	THOIWH	rap numper:

86-0853-C

# SCIENTIFIC LABORATORY DIVISION 700 Camino de Salud NE Albuquerque, NM 87106 841-2570

STATE OF NEW MEXICO

REPORT TO: Oscar Simpson	s.L.D. No. OR- Org - 853
EID, water Supply	DATE REC. 7-28-86
EID, water Supply P.O. Box 968	
Santa Fe, N.M.	PRIORITY 115
PHONE(S): 827-2777 USER	CODE:  5 2 0 1 4
SUBMITTER: Don Lutjens	CODE:
SAMPLE COLLECTION CODE: (YYMMDDHHMMIII)  8 6 0 7 2	7 1 7 2 5 1 1 1
SAMPLE TYPE: WATER , SOIL , FOOD , OTHER:	-
COUNTY: Lea ; CITY: Monument	
LOCATION CODE: (Township-Range-Section-Tracts) 195+37	= + 2   9 +   (10N06E24342)
ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate	ate the type of analytical screens
required. Whenever possible list specific compounds suspected or required.  PURGEABLE SCREENS  EX	TRACTABLE SCREENS
	Aliphatic Hydrocarbons
	Organochlorine Pesticides
	Base/Neutral Extractables
formation of the state of the s	Herbicides, Chlorophenoxy acid Herbicides, Triazines
	Organochlorine Pesticides
	Organophosphate Pesticides
	Polychlorinated Biphenyls (PCB's)
(764)	Polynuclear Aromatic Hydrocarbons
[ ] /rca\	CDWA Dasticidas fo Harbicidas
[_] (762)	SDWA Pesticides & Herbicides
Remarks: [762]	SDWA Festicides & Nerbicides
	SDWA Festicides & Nerbicides
Remarks:  FIELD DATA:	
Remarks:	
Remarks:  FIELD DATA:	=mg/l
Remarks:  FIELD DATA:  pH= 7.05; Conductivity=umho/cm at21 °C; Chlorine Residual=	=mg/l /
Remarks:  FIELD DATA:  pH= 7.05; Conductivity= umho/cm at 21°C; Chlorine Residual=  Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate  Depth to water ft.; Depth of well ft.; Perforation Interval  Sampling Location Methods and Remarks (i.e. odors, etc.)	=mg/l / ft.; Casing:
Remarks:  FIELD DATA:  pH= 7.05; Conductivity= umho/cm at 21°C; Chlorine Residual=  Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate  Depth to water ft.; Depth of well ft.; Perforation Interval  Sampling Location Methods and Remarks (i.e. odors, etc.)	=mg/l / ft.; Casing:
FIELD DATA:  pH= 7.05; Conductivity=umho/cm at2/_°C; Chlorine Residual=  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval	=mg/l / ft.; Casing:
FIELD DATA:  pH=7.05; Conductivity= umho/cm at 21°C; Chlorine Residual=  Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate  Depth to water ft.; Depth of well ft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water co-op, East well  due To air, Impossible to get all  I certify that the results in this block accurately reflect the results of my fiel	=mg/lft.; Casing: ft.; Casing:  water milky  of the bubbles out,  d analyses, observations and
Remarks:  PIELD DATA:  pH=7.05; Conductivity= umho/cm at 21°C; Chlorine Residual=  Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate  Depth to water ft.; Depth of well ft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water co-op, East well  due To air, Impossible To get all  I certify that the results in this block accurately reflect the results of my fiel activities (signature collector):	mg/l  ft.; Casing:  nater milky  of the bubbles out,  d analyses, observations and of Shipment to the Lab:
FIELD DATA:  pH=7.05; Conductivity= umho/cm at 21°C; Chlorine Residual=  Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate  Depth to water ft.; Depth of well ft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water co-op, East well  due To air, Impossible to get all  I certify that the results in this block accurately reflect the results of my fiel	mg/l  ft.; Casing:  nater milky  of the bubbles out,  d analyses, observations and of Shipment to the Lab:
PIELD DATA:  pH=7.05; Conductivity=umho/cm at2/_°C; Chlorine Residual=  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water Co-op, East well  due To air, Impossible To get all  I certify that the results in this block accurately reflect the results of my fiel activities (signature collector): For July Method  This form accompanies Septum Vials, Glass Jugs, and/or	mg/l  ft.; Casing:  nater milky  of the bubbles out,  d analyses, observations and of Shipment to the Lab:
Remarks:  PIELD DATA:  pH= 7.05; Conductivity=umho/cm at2/_°C; Chlorine Residual=  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval	=mg/l
Remarks:  PIELD DATA:  pH= 7.05; Conductivity=umho/cm at2/_°C; Chlorine Residual=  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval	=mg/l
FIELD DATA:  pH= 7.05; Conductivity= umho/cm at 21°C; Chlorine Residual= Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate  Depth to water ft.; Depth of well ft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water co-op, East well  due To air, Impossible To get all  I certify that the results in this block accurately reflect the results of my fiel activities (signature collector): For the collection of the colle	mg/l  ft.; Casing:  nater milky  of the bubbles out,  d analyses, observations and of Shipment to the Lab:  residual.
FIELD DATA:  pH= 7.05; Conductivity= umho/cm at	mg/l  ft.; Casing:  nater milky  of the bubbles out,  d analyses, observations and of Shipment to the Lab:  residual.
FIELD DATA:  pH= 7.05; Conductivity=umho/cm at2/_°C; Chlorine Residual=  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water Co-op , East well  due To air , Impossible To get all  I certify that the results in this block accurately reflect the results of my fiel activities. (signature collector): For Method  This form accompanies Septum Vials, Glass Jugs, and/or Samples were preserved as follows:  NP:	mg/l  ft.; Casing:  nater milky  of the bubbles out,  d analyses, observations and of Shipment to the Lab:  residual.
FIELD DATA:  pH= 7.05; Conductivity= umho/cm at	mg/l  ft.; Casing:  nater milky  of the bubbles out,  d analyses, observations and of Shipment to the Lab:  residual.

#### **ANALYSES PERFORMED**

LAB. No.: OR- 853

#### THIS PAGE FOR LABORATORY RESULTS ONLY

This sample was tested using the analytical screen	ing method(s)	checked below:	
PURGEABLE SCREENS  (753) Aliphatic Purgeables (1-3 Carbons)  (754) Aromatic & Halogenated Purgeables  (765) Mass Spectrometer Purgeables  (766) Trihalomethanes  Other Specific Compounds or Classes	•	EXTRACTABLE SCREENS  (751) Aliphatic Hydrocarbons (760) Organochlorine Pesticides (755) Base/Neutral Extractables (758) Herbicides, Chlorophenoxy acid (759) Herbicides, Triazines (760) Organochlorine Pesticides (761) Organophosphate Pesticides (767) Polychlorinated Biphenyls (PCB's) (764) Polynuclear Aromatic Hydrocarbons (762) SDWA Pesticides & Herbicides	
ANA	ALYTICA	L RESULTS	
COMPOUND(S) DETECTED	CONC. [PPB]	COMPOUND(S) DETECTED	CONC. [PPB]
Astronatic pungenfles;  being a less;  are defection limit * *  ABBREVIATIONS USED:  N D = NONE DETECTED AT OR ABOVE  T R = DETECTED AT A LEVEL BELOW  [ RESULTS IN BRACKETS ] ARE UNCONFI	MD  23  Apb  THE STATED  THE STATED	DETECTION LIMIT (NOT CONFIRMED)	[PPB]
ABORATORY REMARKS: Sood Sample,	no head	space.	
CERTIFICAT	'E OF ANALV	TICAL PERSONNEL	
(			
certify that I followed standard laboratory procedure that the statements on this page accurately reflect that (s) of analysis:	res on handling the analytical remains analytical result	and analysis of this sample unless otherwise note sults for this sample.  Auror graphs of this sample and with the statements in this	
eviewers signature: 1 Meyerhem			

86- 0762-C

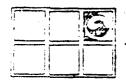
#### TIFIC LABORATORY DIV 700 Camino de Salud NE

STATE OF NEW MEXICO

Albuquerque, NM 87106 841-2570

REPORT TO:	David Boyer	S.L.D. No. OR- 762 - F. B
	N.M. Oil Conservation Division	DATE REC. 6/20/86
•	P. O. Box 2088	
	Santa Fe, N.M. 87504-2088	PRIORITY
PHONE(S):	827-5812 USE	R CODE:   8   2   2   3   5
SUBMITTER:	David Boyer	
SAMPLE COLLE	ction code: (yymmddhhmmiii)   <u>8   6   0   6   7  </u>	61/12/5/01
SAMPLE TYPE:	WATER [X], SOIL ☐, FOOD ☐, OTHER:	_ CODE:
COUNTY: LE	EA ; CITY: MONUMENT	CODE: [
LOCATION COD	E: (Township-Range-Section-Tracts) $ 1 9 5+3 7 $	E + 3   9 + 4   3   3   (10N06E24342)
required. Whenever	ic Purgeables (1-3 Carbons) [ (75)	EXTRACTABLE SCREENS  1) Aliphatic Hydrocarbons
(765) Mass S	pectrometer Purgeables (755 methanes (758	O) Organochlorine Pesticides ) Base/Neutral Extractables  O) Herbicides, Chlorophenoxy acid  O) Herbicides, Triazines
	(761 (767 (764	O) Organochlorine Pesticides O) Organophosphate Pesticides O) Polychlorinated Biphenyls (PCB's) O) Polynuclear Aromatic Hydrocarbons O) SDWA Pesticides & Herbicides
Remarks:	MAIN COMMUNITY WELL	(E1457)
FIELD DATA:		
pH=; Co	nductivity= 970 umho/cm at 24°C; Chlorine Residua	l= mg/l
	mg/l; Alkalinity= mg/l; Flow Rate	
Depth to water	ft.; Depth of wellft.; Perforation Interval	- ft.; Casing:
Sampling Location	a, Methods and Remarks (i.e. odors, etc.)	
	Sampled at sump	
	, - , , -	
activities.(signatur This form accomp Samples were pre NP: P-Ice	results in this block accurately reflect the results of my fine collector):  Septum Vials, Glass Jugs, and/or served as follows:  No Preservation; Sample stored at room temperature.  Sample stored in an ice bath (Not Frozen).  Sample Preserved with Sodium Thiosulfate to remove chlorium TODY	od of Shipment to the Labridge Carrier
I certify that thi	s sample was transferred from	to
at (location)	on	/: and that
	this block are correct. Evidentiary Seals: Not Sealed	Seals Intact: Yes No
For OCD U	se: Date Owner Notified Phone	or Letter? Initials

THIS PAGE FOR LA	ABORATORY RESULTS ONLY
This sample was tested using the analytical screening metho	d(s) checked below:
PURGEABLE SCREENS  (753) Aliphatic Purgeables (1-3 Carbons)  (754) Aromatic & Halogenated Purgeables  (765) Mass Spectrometer Purgeables  (766) Trihalomethanes  Other Specific Compounds or Classes	EXTRACTABLE SCREENS  (751) Aliphatic Hydrocarbons (760) Organochlorine Pesticides (755) Base/Neutral Extractables (758) Herbicides, Chlorophenoxy acid (759) Herbicides, Triazines (760) Organochlorine Pesticides (761) Organophosphate Pesticides (767) Polychlorinated Biphenyls (PCB's) (764) Polynuclear Aromatic Hydrocarbons (762) SDWA Pesticides & Herbicides
COMPOUND(S) DETECTED CONC.	CAL RESULTS  COMPOUND(S) DETECTED CONC.
	[PPB]
natural gas N.I	
p-dichlorobenent 3 pp	2
* DETECTION LIMIT * * 500	+ DETECTION LIMIT + / mpls
	TED DETECTION LIMIT (NOT CONFIRMED)
CERTIFICATE OF AN	NALYTICAL PERSONNEL
Seal(s) Intact: Yes No Seal(s) broken by:  I certify that I followed standard laboratory procedures on han that the statements on this page accurately reflect the analytic Date(s) of analysis: 6/2/66. Analyst's signature:	date:  ddling and analysis of this sample unless otherwise noted and an results for this sample.
I certify that I have reviewed and concur with the analytical Reviewers signature:	results for this sample and with the statements in this block.



#### GROUNDWATER TECHNOLOGY LABORATORY

ANALYTICAL & CONSULTING SERVICES Division of Oil Recovery Systems. Inc. 4 Mill St., Greenville, NH 03048

HYDROCARBONS IN WATER ug/1 REPORT NO. 20-2050-9

Tei: (603) 878-2500

SAMPLZ MO.	I.D.	C4-C12 ALIPHATIC HYDROCARDONS	MISC ARCHATICS C3-C10	TOTAL
27053	NW	23	22 ·	47
27054	MCN	2	ND	7

NOTES:

TOTAL = THE SUM OF THE TOTAL BTEX AND THE ABOVE PARAMETERS.

ND = BELOW DETECTION LIMIT NV = NEW WELL

MCW = MAIN COMMUNITY WELL



#### GROUNDWATER TECHNOLOGY LABORATORY

ANALYTICAL & CONSULTING SERVICES
Division of Oil Recovery Systems. Inc.
4 Mill St., Greenville, NH 03048
Tel: (603) 878-2500

HYDROCARBONS IN WATER ug/L (ppb) REPORT NO. 20-2050-9

Sample	I.D.	DATE SAMPLED	2	BENZENE		ETHYL BENZEML		
27053 27054	NGN HCN	6/17/36 6/16/86	6/21/86 6/20/86	2 5	ND ND	N D N D	HD ND	_

*NOTES:

ND = BELOW DETECTION LIMIT

TOTAL BTEX = THE SUM OF BENZENE, TOLUENE, ETHYL BENZENE, AND XYLENES, ROUNDED TO THREE SIGNIFICANT FIGURES.



Signature(s)



P.O. BOX 2088 LAND OFFICE BUILDING SANTA FE, NEW MEXICO 875 505-827-5812

12/6/82 LABORA SLD Private, 2 LAB NUMBER OK 1083 A.B.

SLD Users Code No. 59608

CONTAINERS WHICH THIS FORM ACCOMPANIES ARE COLLECTIVELY REFERRED TO AS "SAMPLE". CERTIFICATE OF FIELD PERSONNEL Sample Type: Water 🗷 👚 Soil 🔲 Other Water Supply and/or Code No. Monument Community Supply City & County Manument East School Well, Lee Count Collected (date & time) 841/28-0905 By (name) 8018 pH= ; Conductivity= ____umho/cm at__ C; Chlorine Residual= __; Flow Rate=_ Dissolved Oxygen= mg/l; Alkalinity= Sampling Location, Methods & Remarks (i.e. odors etc.) East School well (From pump spigot, No des) I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed The Roger I certify that I witnessed these field analyses, observations and activities and concur with the statements in this block. Signed Method of Shipment to Laboratory THIS FORM ACCOMPANIES 2 septum vials with teflon-lined discs identified as: specimen; duplicate; triplicate; blank(s)
and amber glass jug(s) with teflon-lined cap(s) identified as
and other container(s) (describe) identified as Containers are marked as follows to indicate preservation (circle): NP: No preservation; sample stored at room temperature (~20°C).
P-ICE: Sample stored in an ice bath.
P-Na₂O₃S₂: Sample preserved with 3 mg Na₂O₃S₂/40 ml and stored at room temperature. CERTIFICATE(S) OF SAMPLE RECEIPT I (we) certify that this sample was transferred from _____ at (location) (date & time) _____ and that the statements in this block are correct. Disposition of Sample . Seal(s) Intact: Yes  $\square$ Signature(s) I (we) certify that this sample was transferred from at (location)____ (date & time)_____ and that the statements in this block are correct.

Disposition of Sample . Seal(s) Intact: Yes No .

ANAL	YSES	REQUESTD	

LAB. NO.

PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS REQUIRED WHENEVER POSSIBLE LIST SPECIFIC COMPOUNDS SUSPECTED OR REQUIRED.

					0 4 1002
QUALITATIVE	QUANTATIVE	PURGEABLE SCREEN	QUALITATIVE	QUANTATIVE	EXTRACTABLES SCREEN
<u>-</u> -	Ē		l ē	Ē	
		ALIPHATIC HYDROCARBON SCREEN	<u> </u>		ALIPHATIC HYDROCAFECNS
X	X	AROMATIC HYDROCARBON SCREEN			CHLORINATED HYDROCAPBON PESTICIDES
		HALOGENATED HYDROCARBON SCREEN			CHLOROPHENOXY ACID EERBICIDES
		GAS CHROMATOGRAPH/MASS SPECTROMETER			HYDROCARBON FUEL SCREEN
					ORGANOPHOSPHATE PESTICIDES
					POLYCHLORINATED BIPERYLS (PCB's)
					POLYNUCLEAR AROMATIC HYDROCARBONS
٠,					
		SPECIFIC COMPOUNDS			SPECIFIC COMPCUNDS"
		Bengene, Taluene Ethylbengene			
		Xylead	Н_	<del> </del>	0
	<del>                                     </del>	<u> </u>	Н—	<del>                                     </del>	
			Щ	<u> </u>	
R	EMA	RKS:			
		ANALYTICAL PE	-01	- 11	TC

ANALYTI	<u>CAL RE</u>	SULTS	
COMPOUND	CONC- ENTRATION	COMPOUND	CONC- ENTRATION
halogenoted burger les	none	<b></b> .	·
aromatic Aurgeables	.46		
/ 0			
			·
p.j.		* DETECTION LIMIT	) ngm/
REMARKS: No purgeables	deterted.		

with the statements in this block. Reviewers Signature:

meyerhein

### 2-0280 -BB

#### SCIENTIFIC LABORATORY DIVISION

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



007181

OSCAV Simpsin S.L.D. No. OR- 09-850 EID, water Supply DATE REC. 7-28-80 REPORT TO: P. C. Box 968 Santa Fe. , N.M. 87504-0968 PRIORITY 827 - 2777 USER CODE:  $[5]^2[6][1]$ PHONE(S): Don Lotjens CODE: | | | | SUBMITTER: SAMPLE COLLECTION CODE: (YYMMDDHHMMIII) | 8 6 0 7 2 7 1 6 4 0 1 1 1 SAMPLE TYPE: WATER , SOIL , FOOD , OTHER:_ COUNTY: Lea ; CITY: Monement LOCATION CODE: (Township-Range-Section-Tracts) 1 / 9 5 + 3 7 E + 2 9 + 1 1 1/10N06E24342) ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required. PURGEABLE SCREENS EXTRACTABLE SCREENS (753) Aliphatic Purgeables (1-3 Carbons) (751) Aliphatic Hydrocarbons (754) Aromatic & Halogenated Purgeables (760) Organochlorine Pesticides (765) Mass Spectrometer Purgeables (755) Base/Neutral Extractables (766) Trihalomethanes (758) Herbicides, Chlorophenoxy acid Other Specific Compounds or Classes (759) Herbicides, Triasines (760) Organochlorine Pesticides (761) Organophosphate Pesticides (767) Polychlorinated Biphenyls (PCB's) [] (764) Polynuclear Aromatic Hydrocarbons (762) SDWA Pesticides & Herbicides Remarks: FIELD DATA: pH= 7135; Conductivity= umho/cm at 23 °C; Chlorine Residual= mg/l Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate _____ Depth to water ____ft.; Depth of well____ft.; Perforation Interval _____ft.; Casing:_ Sampling Location, Methods and Remarks (i.e. odors, etc.) Oil Porch Cafe If Mile ENE of Holding Tank I certify that the results in this block accurately reflect the results of my field analyses, observations and activities (signature collector): The Figure Method of Shipment to the Lab: Messe Air

This form accompanies Z Septum Vials, Glass Jugs, and/or Samples were preserved as follows: No Preservation; Sample stored at room temperature. Sample stored in an ice bath (Not Frozen). P-Na S O Sample Preserved with Sodium Thiosulfate to remove chlorine residual. CHAIN OF CUSTODY I certify that this sample was transferred from _______ to _____ _____ on ________ - _____ and that the statements in this block are correct. Evidentiary Seals: Not Sealed - Seals Intact: Yes No



LAB. No .: UR- 850

#### THIS PAGE FOR LABORATORY RESULTS ONLY

This sample was tested using the analytical scre-	ening method(s)	checked below:	
PURGEABLE SCREENS  (753) Aliphatic Purgeables (1-3 Carbons)  (754) Aromatic & Halogenated Purgeables  (765) Mass Spectrometer Purgeables  (766) Trihalomethanes  Other Specific Compounds or Classes		EXTRACTABLE SCREENS  (751) Aliphatic Hydrocarbons (760) Organochlorine Pesticides (755) Base/Neutral Extractables (758) Herbicides, Chlorophenoxy acid (759) Herbicides, Triazines (760) Organochlorine Pesticides (761) Organophosphate Pesticides (767) Polychlorinated Biphenyls (PCB's) (764) Polynuclear Aromatic Hydrocarbon (762) SDWA Pesticides & Herbicides	
AN	IALYTICA	L RESULTS	
COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC. [PPB]
halogenated purgeables:	NO		[FFI]
pernent	1/100		
• DETECTION LIMIT • *		+ DETECTION LIMIT + +	
ABBREVIATIONS USED:  N D = NONE DETECTED AT OR ABOVE T R = DETECTED AT A LEVEL BELOW [ RESULTS IN BRACKETS ] ARE UNCON	THE STATED	DETECTION LIMIT  DETECTION LIMIT (NOT CONFIRMED)  OR WITH APPROXIMATE QUANTITATION	
CERTIFICA	TE OF ANALY	TICAL PERSONNEL	
the statements on this page accurately reflect e(s) of analysis: ZOALLGEC. Analyst's s ertify that I have reviewed and concur with the	ures on handling the analytical re ignature:	and analysis of this sample unless otherwise not sample.	
iewers signature: A Meyenher			

9- 0851-C

# SCIEN : FIC LABORATORY DIVISION 700 Camino de Salud NE Albuquerque, NM 87106 841-2570



STATE OF NEW MEXICO

REPORT TO:	Osear Sumpson	S.L.D. No. OR- <u>Drg</u> - 851
_	EID, water Supply.	DATE REC
. – :	P.O. BDX 968	
	P.O. BDX 968 Santa Fe, N,M. 87504-0968	PRIORITY /,5
PHONE(S):	827-2777 USEF	CODE: 1512401/141
SUBMITTER:	Don Lotjens	CODE:
	CTION CODE: (YYMMDDHHMMIII) 8 6 0 7 2	71/17/10
SAMPLE TYPE:	WATER , SOIL , FOOD , OTHER:	_
COUNTY:	Les ; CITY: Monument	<del></del>
OCATION COD	E: (Township-Range-Section-Tracts) $[11915+317]$	E + 2 9 +     (10N06E24342)
NALYSES REQ	UESTED: Please check the appropriate box(es) below to indic	ate the type of analytical screens
•	er possible list specific compounds suspected or required.	STEP A COLLABY BY CORPORATE
		Aliphatic Hydrocarbons
		Organochlorine Pesticides
= :	. <del></del>	Base/Neutral Extractables
(766) Tribale	methanes [ (758)	Herbicides, Chlorophenoxy scid
Other	Specific Compounds or Classes [ (759)	Herbicides, Triazines
<u> </u>		Organochiorine Pesticides
		Organophosphate Pesticides
H —		Polychlorinated Biphenyls (PCB's) Polynuclear Aromatic Hydrocarbons
님 -		SDWA Pesticides & Herbicides
<u> </u>		
Remarks:		
		<u> </u>
PIELD DATA:		
pH=; Co	nductivity= umho/cm atC; Chlorine Residual	=mg/l
Dissolved Oxygen	=mg/l; Alkalinity=mg/l; Flow Rate	
	ft.; Depth of well ft.; Perforation Interval	- ft.; Casing:
Sampling Locatio	n, Methods and Remarks (i.e. odors, etc.)	0,1/1 + 1,
		onde Slavet Holding Tamiks
Bobby B	ales Kitchen Sink. About 1/0 ye	012 300 0 1 11010 110 1100
130bby B	ates Kitchen Sink. About 70 y	oraz soc ej piete noj pere
I certify that th	e results in this block accurately reflect the results of my fie	ld analyses, observations and
I certify that th	e results in this block accurately reflect the results of my fie	ld analyses, observations and
I certify that th activities (signatur This form accom	e results in this block accurately reflect the results of my fie collector):    Do	ld analyses, observations and
I certify that th activities (signatur This form accom	e results in this block accurately reflect the results of my fie	ld analyses, observations and
I certify that the activities (signature). This form accome Samples were presented by:	e results in this block accurately reflect the results of my fie collector):  Do Lugar Methodological Septum Vials, Glass Jugs, and/or  eserved as follows:	ld analyses, observations and
I certify that the activities (signature) This form accomes Samples were proposed in Property Police	e results in this block accurately reflect the results of my fie collector):  Do Methodologies  Septum Vials, Glass Jugs, and/or esserved as follows:  No Preservation; Sample stored at room temperature.	ld analyses, observations and i of Shipment to the Lab:
I certify that the activities (signature) This form accomes amples were proposed in Price Price Price Price Chain of Customers	e results in this block accurately reflect the results of my fie collector):  Description  Method  panies  Septum Vials,  Glass Jugs, and/or  esserved as follows:  No Preservation; Sample stored at room temperature.  Sample stored in an ice bath (Not Frozen).  Sample Preserved with Sodium Thiosulfate to remove chloring to the store of the st	Id analyses, observations and I of Shipment to the Lab:
I certify that the activities (signature) This form accomes amples were properties.  P-Ice P-Na S O CHAIN OF CUS I certify that the	e results in this block accurately reflect the results of my fie collector):  Do July Method Method Panies  Septum Vials, Glass Jugs, and/or Esserved as follows:  No Preservation; Sample stored at room temperature.  Sample stored in an ice bath (Not Frozen).  Sample Preserved with Sodium Thiosulfate to remove chloring TODY  is sample was transferred from	Id analyses, observations and i of Shipment to the Lab:  residual.
I certify that the activities (signature) This form accomes amples were properties.  P-Ice P-Na S O CHAIN OF CUS I certify that the	e results in this block accurately reflect the results of my fie collector):  Description Method Method Method Septum Vials, Glass Jugs, and/or esserved as follows:  No Preservation; Sample stored at room temperature.  Sample stored in an ice bath (Not Frozen).  Sample Preserved with Sodium Thiosulfate to remove chloring.	Id analyses, observations and i of Shipment to the Lab:  residual.
I certify that the activities (signature) This form accomes amples were properties.  P-Ice P-Na S O CHAIN OF CUS I certify that the at (location)	e results in this block accurately reflect the results of my fie collector):  Do July Method Method Panies  Septum Vials, Glass Jugs, and/or Esserved as follows:  No Preservation; Sample stored at room temperature.  Sample stored in an ice bath (Not Frozen).  Sample Preserved with Sodium Thiosulfate to remove chloring TODY  is sample was transferred from	Id analyses, observations and If of Shipment to the Lab:  residual.  to
I certify that the activities (signature) This form accomes amples were properties.  P-Ice P-Na S O CHAIN OF CUS I certify that the at (location)	e results in this block accurately reflect the results of my fie collector):  Description Method Met	Id analyses, observations and If of Shipment to the Lab:

#### THIS PAGE FOR LABORATORY RESULTS ONLY

This sample	was tested using the analytical sc	reening method(s)	checked below:	
	PURGEABLE SCREENS	:	EXTRACTABLE SCREENS	
(753) A	Aliphatic Purgeables (1-3 Carbons)		(751) Aliphatic Hydrocarbons	
=	Aromatic & Halogenated Purgeables		(760) Organochlorine Pesticides	
	Ass Spectrometer Purgeables		(755) Base/Neutral Extractables	
= ' '	Crihalomethanes		(758) Herbicides, Chlorophenoxy acid	
	Other Specific Compounds or Classe	<b></b>		
	Other Specific Compounds of Ciasa		(759) Herbicides, Triagines	
=		<del></del>	(760) Organochlorine Pesticides	
믐		<del></del>	(761) Organophosphate Pesticides	
片		<del></del>	(767) Polychlorinated Biphenyls (PCB's)	
		<del></del>	(764) Polynuclear Aromatic Hydrocarbon (762) SDWA Pesticides & Herbicides	18
ابا			[ (102) SDWA Femicides & Reflicides	
	_		N. DECLUTO	
	<u>A</u>	NALYTICA	AL RESULTS	
C	OMPOUND(S) DETECTED	conc. [PPB]	COMPOUND(S) DETECTED	CONC.
6 /	+14. 16	es NO		1
Laso	renated purgeand	12 (V/)		-
aron	natic purges fles!			
	1800	don		
	sergene	1/11/10		<del> </del>
	0			
<u> </u>				
1			1	
ļ <del></del>				
			·	
		- [		
				-
1	• DETECTION LIMIT • *	/ role	+ DETECTION LIMIT +	
L	DB12011011 DIMIT	1/2/2-3	T DD: BOTTON DENTI T	)
	TIONS USED:	• •		
	NONE DETECTED AT OR ABO			
			D DETECTION LIMIT (NOT CONFIRMED)	
[ RESU	LTS IN BRACKETS   ARE UNCO	NFIRMED AND/	OR WITH APPROXIMATE QUANTITATION	
			·	
BORATORY	REMARKS:			
				-
<del></del>	······································			
	CERTIFIC	CATE OF ANALY	YTICAL PERSONNEL	
1/0) - Todo odo	Yes No X. Seal(s) broken	hw	date:	
			g and analysis of this sample unless otherwise not	ed and
	nents on this page accurately reflect			
· riin Brarel	200 000		7	ļ
e(s) of anal	lysis: 25 July 66 . Analyst's	signature:	Firmey	
ertifu that	I have reviewed and concur with a	he analytical re-	ilts for this sample and with the statements in th	is block
tiony man	m			
iewers signs	iture: 1 // leyenhly			•

0852-0

#### SCIENTIFIC LABORATORY DIVISION

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



REPORT TO:	Oscar Simpson	S.L.D. No. OR-	org - 852
	EID, water Suppl	S.L.D. No. OR-	7-28-86
: -	DA BN 968	<del>/</del> ·	
	Santa Fe, N.M. 8750	4-0968 PRIORITY	1.5
PHONE(S):	827 - 2777	USER CODE: \S 2	0 1 2/
SUBMITTER:	Don Lutjens	CODE:	1 1
SAMPLE COLLEC	CTION CODE: (YYMMDDHHMMIII) 81616		<u>,                                     </u>
SAMPLE TYPE:	water 🗹, soil 🔲, food 🔲, other:		
COUNTY:	Lea ; CITY: Monum	-ent	
OCATION CODE	C: (Township-Range-Section-Tracts) 195	+37 E + 2 9+	(10N06E24342)
NALYSES REQU	JESTED: Please check the appropriate box(es) be	alow to indicate the type of ana	lytical screens
•	r possible list specific compounds suspected or re	·	PTNG
_	PURGEABLE SCREENS ic Purgeables (1-3 Carbons)	EXTRACTABLE SCR  (781) Aliphatic Hydrocar	<del></del>
	ic & Halogenated Purgeables	(760) Organochlorine Per	
• •	pectrometer Purgeables	(755) Base/Neutral Extra	
(766) Trihalor		(758) Herbicides, Chlorop	
	Specific Compounds or Classes	(759) Herbicides, Triasine	·
٦		(760) Organochlorine Pes	
		(761) Organophosphate P	
		(767) Polychlorinated Big	
		(764) Polynuclear Aroma	• •
╡ —	***************************************	(762) SDWA Pesticides	
Remarks:			· · · · · · · · · · · · · · · · · · ·
FIELD DATA:			
	nductivity=umho/cm_at0°C; Chlo	rine Besiduel/1	
Dissolved Oxygen=	mg/l; Alkalinity= mg/l; Flow Rate	te	
Depth to water	ft.; Depth of wellft.; Perforation	Intervalft.; Casing:	
Sampling Location	, Methods and Remarks (i.e. odors, etc.)		
M	nt water co-op west	- 11/2/1	
Monume	ni water a spot s	<b>V</b> C C C C C C C C C C C C C C C C C C C	
			······································
I castify that the	results in this block accurately reflect the resul	Its of my field analyses observat	ions and
- ctivities /signature	collected Par Intil and	Method of Shinment to the	ne Tah:
This form asseme	e collector): Don full and glass Jugs, s	Method of bilipinent to the	
inis form accomp Samples were pre-			
•		-4	
	No Preservation; Sample stored at room tempers	19 T 14 1 C .	
	Sample stored in an ice bath (Not Frozen).  Sample Preserved with Sodium Thiosulfate to re-		
CHAIN OF CUS		move chlorine residusi.	
	s sample was transferred from	to	
at (location)			: and that
	this block are correct. Evidentlary Seals: Not S		······································
Signatures			

#### THIS PAGE FOR LABORATORY RESULTS ONLY

PURGEABLE SCREENS  (753) Aliphatic Purgeables (1-3 Carbons)  (754) Aromatic & Halogenated Purgeables  (765) Mass Spectrometer Purgeables  (766) Trihalomethanes  Other Specific Compounds or Classes		EXTRACTABLE SCREENS  (751) Aliphatic Hydrocarbons  (760) Organochlorine Pesticides  (755) Base/Neutral Extractables  (758) Harbicides, Chlorophenoxy acid  (759) Herbicides, Triasines  (760) Organochlorine Pesticides  (761) Organophosphate Pesticides  (767) Polychlorinated Biphenyls (PCB's)  (764) Polynuclear Aromatic Hydrocarbons  (762) SDWA Pesticides & Herbicides	
ANA	LYTICA	L RESULTS	
COMPOUND(S) DETECTED	Conc. [PPB]	COMPOUND(S) DETECTED	CONC. [PPB]
halogenated burgeables	ND		
granatic puraeables	ND		
/ 1			
<b>————</b>			
· DETECTION LIMIT · * ]	100 J	+ DETECTION LIMIT +	
BBREVIATIONS USED:  N D = NONE DETECTED AT OR ABOVE  T R = DETECTED AT A LEVEL BELOW  [ RESULTS IN BRACKETS ] ARE UNCONFIL	THE STATED	DETECTION LIMIT (NOT CONFIRMED)	
ORATORY REMARKS:			
			<del></del>
CERTIFICATI	E OF ANALY	TICAL PERSONNEL	
the statements on this page accurately reflect the statements of the statements on this page accurately reflect the statements of the statements on this page accurately reflect the statements of the statement of the state	e analytical resultations on handling	Frimay ts for this sample and with the statements in this	
ewere signature: A Meyelahlun			

86-0853-C

## 14 SCIEN. IFIC LABORATORY DIVIS. JN

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



007184

REPORT TO: Osear Simpson	S.L.D. No. OR- Org - 853
EID, water Supply	DATE REC. 7-28-86
P.O. Box 968	
EID, water Supply P.O. Box 968 Santa Fe, N.M.	PRIORITY 115
PHONE(S): 827-2777 USEN	CODE: 52014
SUBMITTER: Don Lutjens	CODE:
SAMPLE COLLECTION CODE: (YYMMDDHHMMIII) 86072	7,1,7,2,5
SAMPLE TYPE: WATER , SOIL , FOOD , OTHER:	_
COUNTY: Lea ; CITY: Monument	
LOCATION CODE: (Township-Range-Section-Tracts) 1 9 5 + 3 7 2	E + 2   7 +      (10N06E24342)
ANALYSES REQUESTED: Please check the appropriate box(es) below to indicaquired. Whenever possible list specific compounds suspected or required.	ate the type of analytical screens
·	KTRACTABLE SCREENS
	Aliphatic Hydrocarbons
(754) Aromatic & Halogenated Purgeables (760)	Organochlorine Pesticides
(765) Mass Spectrometer Purgeables (755)	Base/Neutral Extractables
(766) Trihalomethanes (758)	Herbicides, Chlorophenoxy acid
Other Specific Compounds or Classes [759]	Herbicides, Triazines
	Organochlorine Pesticides
	Organophosphate Pesticides
	Polychlorinated Biphenyls (PCB's)
	Polynuciear Aromatic Hydrocarbons SDWA Pesticides & Herbicides
Remarks:	
Remarks:	
Remarks:  FIELD DATA:	
	=mg/l
PIELD DATA:	
PIELD DATA:  pH=7.05; Conductivity=umho/cm at 21°C; Chlorine Residual	
PIELD DATA:  pH=7.05; Conductivity=umho/cm atC; Chlorine Rasidual  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location Methods and Remarks (i.e. odors, etc.)	ft.; Casing:
PIELD DATA:  pH=7.05; Conductivity=umho/cm atC; Chlorine Rasidual  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location Methods and Remarks (i.e. odors, etc.)	ft.; Casing:
PIELD DATA:  pH= 7.05; Conductivity= umho/cm at 2/°C; Chlorine Rasidual  Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval	ft.; Casing:
PIELD DATA:  pH=7.05; Conductivity=umho/cm at2/_°C; Chlorine Residual  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water Co-op East well  due To air, Impessible To get all  I certify that the results in this block accurately reflect the results of my fie	- It.; Casing:  water milky  of the bubbles out,  Id analyses, observations and
PIELD DATA:  pH=7.05; Conductivity=umho/cm at2/_°C; Chlorine Residual  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water Co-op East well  due To air, Impessible To get all  I certify that the results in this block accurately reflect the results of my fie	- It.; Casing:  water milky  of the bubbles out,  Id analyses, observations and
PIELD DATA:  pH=7.05; Conductivity=umho/cm at 21°C; Chlorine Residual  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water Co-op East well  due To air, Impessible To get all	- It.; Casing:  water milky  of the bubbles out,  Id analyses, observations and
PIELD DATA:  pH=7.05; Conductivity= umho/cm at 21°C; Chlorine Residual Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate  Depth to water ft.; Depth of well ft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water co-op East well  due To air, Impessible To get all  I certify that the results in this block accurately reflect the results of my fie activities (signature collector): To air, Glass Jugs, and/or	- It.; Casing:  water milky  of the bubbles out,  Id analyses, observations and
PIELD DATA:  pH=7.05; Conductivity=umho/cm at2/_°C; Chlorine Rasidual  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water co-op East well  due To air, Impessible To get all  I certify that the results in this block accurately reflect the results of my fie activities (signature collector): For the form accompanies Septum Vials, Glass Jugs, and/or Samples were preserved as follows:	- It.; Casing:  water milky  of the bubbles out,  Id analyses, observations and
PIELD DATA:  pH = 7.05; Conductivity = umho/cm at 2/ °C; Chlorine Rasidual  Dissolved Oxygen = mg/l; Alkalinity = mg/l; Flow Rate  Depth to water ft.; Depth of well ft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water Co-op, East well  olue To air, Impessible To get all  I certify that the results in this block accurately reflect the results of my fie activities.(signature collector): To Metho  This form accompanies Septum Vials, Glass Jugs, and/or Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.  P-Ice Sample stored in an ice bath (Not Frosen).	- It.; Casing:  water milky  of the bubbles out,  Id analyses, observations and It of Shipment to the Lab:
PIELD DATA:  pH=7.05; Conductivity=umho/cm at2/_°C; Chlorine Residual  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water Co-op East well  due To air, Impessible To get all  I certify that the results in this block accurately reflect the results of my fie activities.(signature collector): For the sum of	- It.; Casing:  water milky  of the bubbles out,  Id analyses, observations and It of Shipment to the Lab:
PIELD DATA:  pH= 7.05; Conductivity= umho/cm at 21 °C; Chlorine Residual Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate Depth to water ft.; Depth of well ft.; Perforation Interval Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water Co-op East well due To air, ft.  I certify that the results in this block accurately reflect the results of my fie activities. (signature collector): Metho	ft.; Casing:
PIELD DATA:  pH = 7.05; Conductivity = umho/cm at 21 °C; Chlorine Residual  Dissolved Oxygen = mg/l; Alkalinity = mg/l; Flow Rate  Depth to water ft.; Depth of well ft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument water Co-op East well  due To air, mg/l; Flow Rate	ft.; Casing:  water milky  of the bubbles out,  Id analyses, observations and It of Shipment to the Lab:  e residual.
PIELD DATA:  pH=7.05; Conductivity=umho/cm at	ft.; Casing:

PURGEABLE SCREENS  (753) Aliphatic Purgeables (1-3 Carbons)  (754) Aromatic & Halogenated Purgeables  (765) Mass Spectrometer Purgeables  (766) Trihalomethanes  Other Specific Compounds or Classes	EXTRACTABLE SCREENS  (751) Aliphatic Hydrocarbons  (760) Organochlorine Pesticides  (755) Base/Neutral Extractables  (758) Herbicides, Chlorophenoxy acid  (759) Herbicides, Triazines  (760) Organochlorine Pesticides  (761) Organophosphate Pesticides  (767) Polychlorinated Biphenyls (PCB's)  (764) Polynuclear Aromatic Hydrocarbons  (762) SDWA Pesticides & Herbicides	
ANALY	TICAL RESULTS	
COMPOUND(S) DETECTED CON		
	PBI [PPD	<del></del>
halogenated purglables N		
aromatic purgenfles:		
bemane 23	300	
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· DETECTION LIMIT · * //Am	+ DETECTION LIMIT +	
BBREVIATIONS USED:  N D = NONE DETECTED AT OR ABOVE THE STATE OF THE S		
ORATORY REMARKS: Good Sample, no	headspace.	
CERTIFICATE OF	F ANALYTICAL PERSONNEL	
(s) Intact: Yes No No Seal(s) broken by:	date:	
	handling and analysis of this sample unless otherwise noted and	
the statements on this page accurately reflect the anal	alytical results for this sample.	
:(a) of analysis: ZB Jefy & . Analyst's signature:	el Turnay,	
rtify that I have savieted and concur with the analytic	tical results for this sample and with the statements in this block.	
ewers signature: Meyerhelm		

Repairably
Approved by

## MONUMEN N.M.

## REACTIVATED WEST (#2) SCHOOL HOUSE WELL - WATER SAMPLES BYEID

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Company of the second	Please Sead copy to Hobbs EIA
HC): Gus Cordova	LABORATORY Organic 14/8.  LAB NUMBER  Please Search copy to Hobbs EIR  LAB NUMBER
urter supply	LAB NUMBER OR 4A, B
ENTROPHENT SANTA FE	Priority one
	SLD Users Code No. ら2000
ALL CONTAINERS WHICH THIS FORM ACCOM	MPANIES ARE COLLECTIVELY REFERRED TO AS "SAMPLE".
CERTIFIC Sample Type: Water ☐ Soil ☐	CATE OF FIELD PERSONNEL Other
Water Supply and/or Code No	conument - Reactivated well (NEST)
City & County Monument	37/-13 LeA
Collected (date & time) /-2-85	2 PM By (name) R. Ruffner
pH=; Conductivity=un	nho/cm at The Company of the Periodual =
Dissolved Oxygen= mg/l; Alka Sampling Location, Methods & Remarks	linity= ; v Rate= ; (i.e. odovstetc) AN 10 1985
	WATER SUPPLY
I certify that the statements in th	REGULATION SECTION is block accurately reflect the results of my field
analyses, observations and activitied I certify that I witnessed these fid with the statements in this block.	es. Signed Kalffluffur eld analyses, observations and activities and concur
Method of Shipment to Laboratory_	Puralatok als with teflon-lined discs identified as:
THIS FORM ACCOMPANIES Z septum via	als with teflon-lined discs identified as: : triplicate : blank(s)
and amber glass jug(s) with ter	; triplicate; blank(s), flon-lined cap(s) identified as,
and other container(s) (described Containers are marked as follows to	be) identified as
NP. No preservation; sample	e stored at room temperature (~20°C).
Sample stored in an ice	e stored at room temperature (~20°C). e bath.
20352: Sample preserved with .	3 mg $Na_2O_3S_2/40$ ml and stored at room temperature.
CERTIFIC/	ATE(S) OF SAMPLE RECEIPT
I (we) certify that this sample was	transferred from to
	at (location)on
	nd that the statements in this block are correct.
	. Seal(s) Intact: Yes 🗆 No 🗀 .
Signature(s)	
I (we) certify that this sample was	transferred fromto
	at (location)on
	d that the statements in this block are correct.
	. Seal(s) Intact: Yes  No .
Signature(s)	

	PL	EASE	YSES REQUESTED CHECK THE APPROPRIATE				ATE I			
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	Sea.	l(s)	Intact: Yes NO & . y that I followed star	Seal(s) broker	n r	by:	durc		te:	
	samı	ple u	nless otherwise noted	and that the sta	at	emer	nts i	n this block and the		
	on t	this.	page accurately reflect	t the analytical	1 - '	rest	ılts	for this sample.		
	I ce	ertif	of analysis: 4 Jan y that I have reviewed	l and concur with	h	the	anal	ytical results for th	is sample and	
	with	n the	statements in this bl	Lock. Keviewers	8	31gna	ature	: A Mondahila		





# SCIENTIFIC LABORATORY DIVISION 700 nino de Salud NE Albuquerate, NM 87106 841-2570

REPORT TO: EID-WATER SUPPLY	S.L.D. No.: OR- 621-14-18
ATT: OSCAR Si MPSOX	DATE REC. :
P.OBOX 968	PHONE 505 827 2777
SANTAFE N.M 87504/ CONTAINERS WHICH ACCOMPANY THIS FORM ARE COI	USER CODE:  5 2 0 1 0  LLECTIVELY REFERED TO AS SAMPLE.
SUBMITTER: S: MPSON	CODE: [ ] ]
SAMPLE TYPE: WATER , SOIL , OTHER C	CODE:
COLLECTED: 5/22/86 - //: 304mBY OAS	CODE: Y Y M M D D H H M M I I I
SOURCE: MONUMENT SCHOOL WELL #2	CODE:
NEAREST CITY: MONUNEAUT N. M.	
LOCATION: WELL#2 (WEST)	TOWNSHIP RANGE SECTION TRACTS
pH=; Conductivity=umho/cm at	Oc; Chlorine Residual=
Dissolved Oxygen=mg/l; Alkalinity=	; Flow Rate=
Sampling Location, Methods and Remarks (i.e.	. odors, etc.)
AT WELL HEAD TAP	
I certify that the statements in this block of my field analyses, observations and activ	vities. OASimPsoN
Method of shipment to the Laboratory 57276	
This form accompanies <u>2</u> Septum Vials, <u>G</u> Containers are marked as follows to indicate  NP: No preservation; sample store  P-Ice Sample stored in an ice bath  P-Na ₂ S ₂ O ₃ ; Sample preserved with Na ₂ S ₂ O ₃	e preservation: ed at room temperature. (not frozen).
I (we) certify that this sample was transfer	
to ALB at (location)	5LD _ 4B on
to ALB at (location)	5LD _ 4B on
to ALB at (location) s  S / 26 / 86 - : and that the statements  Evidentiary Seals: Not Sealed Seals	on s in this block are correct.  Intact: Yes No
to ALB at (location) s  S / 26 / 86 - : and that the statements  Evidentiary Seals: Not Sealed Seals	5LD _ 4B on
to ALB at (location) s  S / 26 / 86 - : and that the statements  Evidentiary Seals: Not Sealed Seals	on s in this block are correct.  Intact: Yes No No
at (location)  S/26/86-: and that the statements  Evidentiary Seals: Not Sealed Seals  Signatures Off Scripton  (we) certify that this sample was transferred at (location)	on s in this block are correct.  Intact: Yes No on on on on on on
at (location)  S/26/86-: and that the statements  Evidentiary Seals: Not Sealed Seals  Signatures Off Series  (we) certify that this sample was transferred at (location)	on s in this block are correct.  Intact: Yes No on on on on on on on on on this block are correct.
at (location) s  S/26/86-: and that the statements  Evidentiary Seals: Not Sealed Seals I  Signatures Of Sompton  (we) certify that this sample was transfern	on s in this block are correct.  Intact: Yes No on on on on s in this block are correct.  Intact: Yes No on

analytical data	da son handling and ana for this block and the for this sample.  Tor this sample.  Witch results for the forth	dure ts 1 lts gnat anal	the resurence stands since the second si	and that the sta t the analytical and concur with		rtif ole u olis ols) olisi	samp samp on t Date Date I ce				
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	. HB. No.: ORG-		, NDTAN	T OT WOITH SHYOR	CHECK THE APPROPRIATE YES REQUESTED						

# SCIENTIFIC LABORATORY DIVISON 700 Camino de Salud NE Albuquerque, NM 87106 841-2570

REPORT TO: OSCAN Simpson	s.L.D. No. OR-844-13-B
REPORT TO: OSCAN Simpson  EID water supply  P.O. Box 968	DATE REC
P.D. Box 968	·,
Santafe, N.M. 87504-0968	PRIORITY1,5
PHONE(S): $827-2777$ USER	CODE:  5 2 0 1 4
SUBMITTER: R. R. Africa	CODE:
sample collection code: (YYMMDDHHMMIII)   8   6   0   7   2	21/10/5/01
SAMPLE TYPE: WATER . SOIL ., FOOD ., OTHER:	-
COUNTY: Lea ; CITY: Monument	<u></u> -
LOCATION CODE: (Township-Range-Section-Tracts) 195+31712	= +2  9 +     (10006E24342)
ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate	ate the type of analytical screens
required. Whenever possible list specific compounds suspected or required.  PURGEABLE SCREENS  EX	TRACTABLE SCREENS
	Aliphatic Hydrocarbons
(754) Aromatic & Halogenated Purgeables [ (760)	Organochlorine Pesticides
[ (765) Mass Spectrometer Purgeables [ (755)	Base/Neutral Extractables
[ (766) Trihalomethanes [ (758)	Herbicides, Chlorophenoxy acid
Other Specific Compounds or Classes [ (759)	Herbicides, Triazines
	Organochlorine Pesticides
. (761)	Organophosphate Pesticides
	Polychlorinated Biphenyls (PCB's)
[ (764)	Polynuclear Aromatic Hydrocarbons
[762]	SDWA Pesticides & Herbicides
	DD WILL I CONCINCE W INCIDICIACE
Remarks:	DDWII Testicides & Iteration
Remarks:  FIELD DATA:	
Remarks:	
Remarks:  FIELD DATA:  pH=; Conductivity=umho/cm atoC; Chlorine Residual=  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate	=mg/l
Remarks:  FIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual=  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval	=mg/l
Remarks:  PIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual=  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)	=mg/l
Remarks:  FIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual=  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval	=mg/l
Remarks:  PIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual=  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)	=mg/l
Remarks:  PIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual=  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)	=mg/lft.; Casing:
Remarks:  FIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual= Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument west well  I certify that the results in this block accurately reflect the results of my fiel	=mg/lft.; Casing: d analyses, observations and
Remarks:  FIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual= Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument west well  I certify that the results in this block accurately reflect the results of my fiel	=mg/lft.; Casing: d analyses, observations and
Remarks:  FIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual= Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument west well	=mg/lft.; Casing: d analyses, observations and
Remarks:  PIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual= Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument west well  I certify that the results in this block accurately reflect the results of my fiel activities (signature collector): Method This form accompanies Septum Vials, Glass Jugs, and/or	=mg/lft.; Casing: d analyses, observations and
Remarks:  FIELD DATA:  pH=; Conductivity=umho/cm at^C; Chlorine Residual= Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument west well  I certify that the results in this block accurately reflect the results of my fiel activities (signature collector): Method This form accompanies Septum Vials, Glass Jugs, and/or Samples were preserved as follows:	=mg/lft.; Casing: d analyses, observations and
FIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual= Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  **Monument** West well**  I certify that the results in this block accurately reflect the results of my fiel activities.(signature collector): Method This form accompanies Septum Vials, Glass Jugs, and/or Samples were preserved as follows:    NP: No Preservation; Sample stored at room temperature.   P-Ice Sample stored in an ice bath (Not Frozen).	mg/lft.; Casing: d analyses, observations and of Shipment to the Lab:
FIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual= Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)	mg/lft.; Casing: d analyses, observations and of Shipment to the Lab:
FIELD DATA:  pH=; Conductivity=umho/cm atOC; Chlorine Residual= Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  **Monument** West well**  I certify that the results in this block accurately reflect the results of my fiel activities (signature collector): Method  This form accompanies Septum Vials, Glass Jugs, and/or  Samples were preserved as follows:    NP:	mg/lft.; Casing: d analyses, observations and of Shipment to the Lab:
FIELD DATA:  pH=; Conductivity=umho/cm at°C; Chlorine Residual= Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)	mg/lft.; Casing: d analyses, observations and of Shipment to the Lab: residual.
FIELD DATA:  pH=; Conductivity=umho/cm atC; Chlorine Residual= Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate  Depth to waterft.; Depth of wellft.; Perforation Interval  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument west west well  I certify that the results in this block accurately reflect the results of my fiel activities.(signature collector): Method  This form accompanies Septum Vials, Glass Jugs, and/or Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.  P-Ice	mg/lft.; Casing:  d analyses, observations and of Shipment to the Lab:  residual.  to and that

## **ANALYSES PERFORMED**

LAB. No.: OR- 844

This sa	mple was tested using the analytical sc	reening method(s)	checked below:	
	PURGEABLE SCREENS		EXTRACTABLE SCREENS	
75	3) Aliphatic Purgeables (1-3 Carbons)		(751) Aliphatic Hydrocarbons	
	4) Aromatic & Halogenated Purgeables		(760) Organochlorine Pesticides	
, <b>,</b>	5) Mass Spectrometer Purgeables		[ (755) Base/Neutral Extractables	
/ <del></del>	6) Trihalomethanes		(758) Herbicides, Chlorophenoxy acid	
1_1 (/-	Other Specific Compounds or Classe		·—· · · ·	
r(	Other Specific Compounds of Classe	8	(759) Herbicides, Triazines	
		· · · · · · · · · · · · · · · · · · ·	(760) Organochlorine Pesticides	
· <u>  </u>			(761) Organophosphate Pesticides	
_ <u> _</u>			(767) Polychlorinated Biphenyls (PCB	
			(764) Polynuclear Aromatic Hydrocarb	ons
of $\square$	***		(762) SDWA Pesticides & Herbicides	;
4.				
	<u>.A</u>	NALYTICA	L RESULTS	**
	COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC.
T	+ 1 10	[PPB]		[PPB]
a	romatic purgeables			
1/2	logenated purgashle	CND		
110	rogenava jungavy	1 / 1		
			·	
				<b>.</b>
			-	
		1 11		-
		<del></del>		
				1
	<u> </u>	<del>-   , , ,  </del>		
<u> </u>	* DETECTION LIMIT * *	1/ppb	+ DETECTION LIMIT +	_
ABBRE	VIATIONS USED:	101	·	
	D = NONE DETECTED AT OR ABOV	VE THE STATED	DETECTION LIMIT	
	· · · · · · · · · · · · · · · · · · ·		DETECTION LIMIT (NOT CONFIRMED)	•
			R WITH APPROXIMATE QUANTITATION	
,	, , , , , , , , , , , , , , , , , , , ,			
-		<del></del>	· · · · · · · · · · · · · · · · · · ·	
LABORATO	ORY REMARKS:		·	
			the state of the s	
	CERTIFIC	NAME OF ANALY	TIGAL DEDGONNEL	
	CERTIFIC	ALE OF ANALI	TICAL PERSONNEL	
Seal(s) Inta	act: Yes 🔲 No 🔀. Seal(s) broken	by:	date:	
I certify th	nat I followed standard laboratory proce	dures on handling	and analysis of this sample unless otherwise	noted and
that the s	atements on this page accurately reflect	the analytical re	sults for this sample.	
Date(s) of	analysis: 24 July St. Analyst's	signature:	Liney	
I contifu +1	net I have revisited and consum with	ne applytical recult	s for this sample and with the statements in	this block
	1/1			tills block.
Reviewers	signature: Kmeylchein		· · ·	•
	<u> </u>			



L.-BORATORY DIVISION

# CHEMICAL and PHYSICAL ANALYSES for WATER SAMPLES

Daye received Li

HM-10.47 52010

Seg all		01056 Manganese (as Mn)	01045 fron-Total (as Fe)	00925 Magnesium (as Mg)	00915 Calcium (as Ca)	Tot. Hardness (as CaCO ₃ )	00935 Potassium (as K)	00930 Sodium (as Na)	CATIONS mg/l	TYPE of SYSTEM (Check one)  PRIVATE PUBLIC:	s ( )	Stein Na	CHEMICAL Check individual items for analysis INTERIM PRIMARY PARAMETER GROUP TYPE of CHEMICA ANALYSES: [Mark appropriate box[es]] 1 2 3 Complete Secon
attached sheet for	X 7.542	00945 Sulfate (as SO ₄ )	00445 Carbonate (as CO ₃ )	00440 Bicarbonate (as HCO ₃ )	00430 Alkalinity (as CaCO ₃ )	00620 Nitrate (as N)	00950 Fluoride (as F)	00940 Chloride (as CI)	ANIONS	PUBLIC: Community	Collection Time Collection		Check individual items for analysis [Mark appropriate box[es]]
t fe	•	•	•	•		•	•	•	mg/l		Collection Point & C	Water Supp	INTERI
w ICAP SCAN		00070 Turbidity	00080 Color	01330 Odor	00400 pH	00095 Conductance Micromhos 25°C	38260 Foaming Agents (as Las)	70300 Total Filterable Residue	PHYSICAL	Non-community	100 x 200 X	ly System	INTERIM PRIMARY PARAMETER GROUP
SCIH		•	mg/l		•		•	mg/I		SOURCE:			METER GRO
v.	01075 Silver	01145 Selenium	07180 Mercury	01049 Lead	01030 Chromium	01025 Cadmium	01005 Barium	01000 Arsenic	HEAVY METALS	CE: Spring	or's remarks	City or Location	
	•	•		•	•	•	•	•	mg/l	□ Lake	M 740	11/11/11	YPE of CHEMICAL AND Complete Secondary
		11501 Radium-228	09501 Radium-226	03501 Gross Beta	RADIOLOG 01501 Gross Alpha				PARAMETER	□ Well-Depth	NO3	County LFAC	VALY
Reviewed by		B PCi//	pCi/I	pCi/1	RADIOLOGICAL PCI/I 01501 Gross Alpha						Report to 05 Address E;	∏3	Organic
ed by			39740 2, 4, 5-TP (Silvex)	39730 2, 4-D	39400 Toxaphene	38270 Methoxychlor	39732 Lindane	39390 Endrin	ORGANIC	F. 6 13 0 x 9 6 8  LAT: 0  LONG 0	O-WAREN	Check one:	nic
			•				•		mg/l	1 87504	150MXX	X RAW WATER	Radiological

Sample Dode: Monument School Wall 5: Lab Humber: Date Analyzed: 6/4/86 Date Submitted: By: Oscar Simpson Reviewed By: Date Reported: 6 ICAP VALUE (MG/L) AA VALUE (MG/L) Element <0.1 Aluminum 0.1 Barium 20.1 Berylium 0.2 Boron 1.01 Cadmium 140. Calcium 40.1 Chromium 40.1 Cobalt 40.1 Copper 0.1 Iron 40.1 Lead 17. Magnesium 20.05 Manganese 40.1 Molybdenum 20.1 Nickel 20. Silicon 40.1 Silver 1.0 Strontium 20. Tin 20.1 Vanadium . 40.1 Zinc Arsenic Selenium

Mercury



STAIN THE AT THE ATTEMPT OF ARTMENT SCIED I FIC LABORATORY DIVISION

CHEMICAL and PHYSICAL ANALYSES for WATER SAMPLES

YSES 7

 6/3/8/2	Date received
WC - 235	Lab No.
\$ 52010	SLD user code No.

LABORATORY REMARKS: Collection Date Water Supply System Asine Collected By CHEMICAL ANALYSES: FOR PROPER PRESENVATION OF SAMPLES. CONSULT DEFINITIONS ON REVERSE. TYPE OR PRINT WITH BALL POINT PEN NONUME 5-22-86 CATIONS PRIVATE TYPE of SYSTEM →Tot.Hardne Sodium Calcium (as Ca) Magnesium (as Mg) Potassium 01056 Manganese (as CaCO₃) 01045 00900 (as Mn) Iron-Total (as Na) (as Fe) (as 天) Check individual items for analysis 2050 (Check one) 11/00 > Mark appropriate box(es)] mg/l 8.6.3 Collection Time Z 0 PUBLIC: Community 11:301 m TON Chloride (as CI) X 00440 Bicarbonate ANIONS Sulfate (as SO₄) Alkalinity
(as CaCO₃) Fluoride (as F) Carbonate (as CO₃) (as HCO₃) Nitrate (as N) 00620 BALANCE Owner Collection Point 8 PUTWELL HEAD 517+5 <u>02</u> 0.83 20.5 mg/l Water Supply System Code No. 1-1--5 INTERIM PRIMARY PARAMETER GROUP Non-community Ť Filterable Residue と なしてる ひ PHYSICAL Micromhos 25°C Agents (as Las) Conductanc 00070 01330 Odor 00400 pH 70300 00080 Color Total Foaming Turbidity 00095 38260 mg/i mg/I 08.9 City or Location □ Drain Collector's remarks SOURCE: HECTOR'S REMARKS NF -NA MONUMEN 100H25 1 \$ 713 M ြ သ HEAVY METALS Stream Spring 01030 Chromium 01145 Selenium 07180 Mercury 01049 Lead 01005 Barium 01000 Arsenic 01075 Silver Cadmium 01025 Complete Secondary TYPE of CHEMICAL ANALYSIS □ Lake mg/I Øwell-Depth..... PARAMETER Radium-2 03501 Gross I Radium-228 01501 11501 Gross Alpi RADIOLOGICAL PCI/I County REGULANTION Address Report to WATER Organic Date reported 6/24/86 Reviewed by E10-WATEILSUPPL PROBOX 968 SANTAFENIM 8751 Check one: TREATED WATER OSCAN S ġ LONG LAT. BUPHEIIYex) SECTION 1986 Methoxychlor ORGANIC 39390 Endrin 39740 39732 39400 Lindane Toxaphene 38270 ? X RAW WATER Radiological 40518 mg/

-	DATE 6/26 BY 60		2691.441			BALANCE (%)
	T 7 ° L	JATOT			69°0T	JATOT
0	00.0	CO3 NO3	9-0 I-0	0 0	00.0	MM Fe
5.021 5.73 691	2.77 1.20 3.44	CT 204 HC03	0-0   0-520   0-70   00-720	251 73.5 73.5 73.5	69.9 14.1 60.0	Ca Mg Na K
ььм	CALC.MEQ.	АИАГУТЕ	TYP.RANGE	 BbW	CALC.MEQ.	ANALYTE
	<b>.</b>	SNOINA		<b>.</b>		CHIONS

MATER SUPPLY REGULATION SECTION

86-0758-C

## SCHOTIFIC LABORATORY DIVISION

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



REPORT TO:	David Boyer	S.L.D. No. OR- 758-17B
	N.M. Oil Conservation Division	S.L.D. No. OR- <u>158 - JF. B</u> DATE REC. <u>6 - 20 - 86</u>
	P. 0. Box 2088	
	Santa Fe, N.M. 87504-2088	PRIORITY 3
PHONE(S):	827-5812	USER CODE:   8   2   2   3   5
SUBMITTER:	David Davis	CODE:  2   6   0
SAMPLE COLLE	CTION CODE: (YYMMDDHHMMIII)   <u>\$160</u>	61/161/1214151 JB
COUNTY: LE	water ☑, soil ☐, food ☐, other: ☐ ; city: Monume	CODE:
LOCATION COL	E: (Township-Range-Section-Tracts) $  /   9   5 +  $	3 7 E+2 9+3 4 4 (10N06E24342)
	QUESTED: Please check the appropriate box(es) below or possible list specific compounds suspected or requi- PURGEABLE SCREENS	
(753) Alipha	tic Purgeables (1-3 Carbons)	(751) Aliphatic Hydrocarbons
: <b>=</b> ` : :	tic & Halogenated Purgeables	(760) Organochlorine Pesticides
_  (765) Mass   (766) Trihal	Spectrometer Purgeables	(755) Base/Neutral Extractables (758) Herbicides, Chlorophenoxy acid
11	· Specific Compounds or Classes	(759) Herbicides, Triazines
	ROSPACE	(760) Organochlorine Pesticides
旦		[ (761) Organophosphate Pesticides
		(767) Polychlorinated Biphenyls (PCB's)
<u>-</u>		(764) Polynuclear Aromatic Hydrocarbons (762) SDWA Pesticides & Herbicides
	(0 50//52/ )/4/155 / 15//	
Remarks:	20) SCHOOL HOUSE WELL	iw FST)
FIELD DATA:		
	onductivity=umho/cm at°C; Chlorine	Residual= mg/l
	=mg/l; Alkalinity=mg/l; Flow Rate_	
	ft.; Depth of well 40-60 ft.; Perforation Into	
Sampling Location	on, Methods and Remarks (i.e. odors, etc.)	
	SAMPLED AT WELL	
I certify that th	ne results in this block accurately reflect the results	of my field analyses, observations and
activities.(signatu	re collector) Acoula	Method of Shipment to the Lab Hond Carrier
		/or
	eserved as follows:	_
NP: P-Ice	No Preservation; Sample stored at room temperature Sample stored in an ice bath (Not Frozen).	·e.
• •	Sample Preserved with Sodium Thiosulfate to remo	ve chlorine residual.
CHAIN OF CU	STODY	
I certify that th	nis sample was transferred from	to
at (location)		on and that
the statements i	n this block are correct. Evidentiary Seals: Not Seals	ed Seals Intact: Yes No
Signatures	****	
For OCD U	se: Date Owner Notified	Phone or Letter? Initials



This sample was tested using the analytical screening	method(s) checked bel	ow:	
PURGEABLE SCREENS		EXTRACTABLE SCREENS	
(753) Aliphatic Purgeables (1-3 Carbons)	(7	51) Aliphatic Hydrocarbons	
(754) Aromatic & Halogenated Purgeables	[ (7	60) Organochlorine Pesticides	
(765) Mass Spectrometer Purgeables	(7	55) Base/Neutral Extractables	
(766) Trihalomethanes	(7	58) Herbicides, Chlorophenoxy acid	
Other Specific Compounds or Classes		59) Herbicides, Triazines	
		60) Organochlorine Pesticides	
 		61) Organophosphate Pesticides	
		67) Polychlorinated Biphenyls (PCB's)	
' <u>-</u> '		64) Polynuclear Aromatic Hydrocarbons	
		62) SDWA Pesticides & Herbicides	
<u> </u>		,	
ANAL	YTICAL RESU	JLTS_	
COMPOUND(S) DETECTED C	ONC.	COMPOUND(S) DETECTED	CONC.
		, ,	[PPB]
Native gas	1.D.		
0			
granatic Auraenbles	11/1/		
The state of the s	1/0+		
Palogenaled for glables	<u> </u>		
			1
* DETECTION LIMIT * * 3	pm	+ DETECTION LIMIT +	/ ppb
ABBREVIATIONS USED:	•		//
N D = NONE DETECTED AT OR ABOVE TH	E STATED DETECTION	ON LIMIT	
T R = DETECTED AT A LEVEL BELOW TH	STATED DETECTION	ON LIMIT (NOT CONFIRMED)	
[ RESULTS IN BRACKETS ] ARE UNCONFIRM			
		66 11 11/11 01	
Thace of butanone was a	hada Smi	all bulble of heart.	space,
Thace of butanone was a	oterted by	the aromatic serve	211
	e ou of	as a william , so we	
V			
***************************************	·		
CERTIFICATE	F ANALYTICAL PER	SONNEL	
Seal(s) Intact: Yes No No Seal(s) broken by: _		date:	
I certify that I followed standard laboratory procedures			d and
that the statements on this page accurately reflect the a			
Date(s) of analysis: 6/27/86. Analysi's signatu	re:	Seering Motion	ney
I certify that I have reviewed and concur with the anal			block.
Reviewers signature: Mary Collem		<del></del>	

## nfr SCIENTIFIC LABORATORY DIVISION 700 Camino de Salud NE Albuquerque, NM 87106 841-2570



REPORT TO: Oscar Scipson  EID, water Supply  DATE REC. 7-28-86  P.O. Box 968  Santa Fe, N.M. 87504-0968  PRIORITY  827-2777  WARR CORP. 612-611-41
REPORT TO: Oscar Scorpson S.L.D. No. OR- Org - 852  EID, water Supply DATE REC. 7-28-86
P.D. Box 968
Santa Fe, N.M. 87504-0968 PRIORITY 1.5
PHONE(S): 827-2777 USER CODE:  5 2 8 1 4
SUBMITTER: Don Lutjens CODE:
SAMPLE COLLECTION CODE: (YYMMDDHHMMIII) 8 6 0 7 2 7 1 7 4 6
SAMPLE TYPE: WATER , SOIL , FOOD , OTHER:
SAMPLE TYPE: WATER , SOIL , FOOD , OTHER:  COUNTY:; CITY:; CITY:
LOCATION CODE: (Township-Range-Section-Tracts) 195+37 E+29+ (10N06E24342)
ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens
required. Whenever possible list specific compounds suspected or required.
PURGEABLE SCREENS EXTRACTABLE SCREENS  [753] Aliphatic Purgeables (1-3 Carbons)  [751] Aliphatic Hydrocarbons
(754) Aromatic & Halogenated Purgeables (756) Organochlorine Pesticides
(765) Mass Spectrometer Purgeables (755) Base/Neutral Extractables
[ (766) Trihalomethanes [ (758) Herbicides, Chlorophenoxy acid
Other Specific Compounds or Classes [759] Herbicides, Triazines
[ (760) Organochlorine Pesticides
[ (761) Organophosphate Pesticides
[ (767) Polychlorinated Biphenyls (PCB's)
(764) Polynuclear Aromatic Hydrocarbons (762) SDWA Pesticides & Herbicides
Remarks:
PIELD DATA:
pH= 6,91; Conductivity= umho/cm at 19°C; Chlorine Residual= mg/l
Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate
Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:
Sampling Location, Methods and Remarks (i.e. odors, etc.)
Monument water co-op west well
I certify that the results in this block accurately reflect the results of my field analyses, observations and
activities.(signature collector): Dor full and Method of Shipment to the Lab:  This form accompanies 2 Septum Vials, Glass Jugs, and/or
This form accompanies 2 Septum Vials, Glass Jugs, and/or
Samples were preserved as follows:
Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.
Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.  P-ice Sample stored in an ice bath (Not Frozen).
Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.  P-Ice Sample stored in an ice bath (Not Frozen).  P-Na S O Sample Preserved with Sodium Thiosulfate to remove chlorine residual.
Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.  P-ice Sample stored in an ice bath (Not Frozen).
Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.  P-Ice Sample stored in an ice bath (Not Frozen).  P-Na S O Sample Preserved with Sodium Thiosulfate to remove chlorine residual.  CHAIN OF CUSTODY  I certify that this sample was transferred from
Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.  P-Ice Sample stored in an ice bath (Not Frozen).  P-Na S O Sample Preserved with Sodium Thiosulfate to remove chlorine residual.  CHAIN OF CUSTODY  I certify that this sample was transferred from

## **ANALYSES PERFORMED**

LAB. No.: OR- 852

This sample was tested using the analytical scree	ning method(s)	checked below:	
PURGEABLE SCREENS		EXTRACTABLE SCREENS	
(753) Aliphatic Purgeables (1-3 Carbons)		(751) Aliphatic Hydrocarbons	
(754) Aromatic & Halogenated Purgeables		(760) Organochlorine Pesticides	
(765) Mass Spectrometer Purgeables		(755) Base/Neutral Extractables	
(766) Trihalomethanes		(758) Herbicides, Chlorophenoxy acid	
Other Specific Compounds or Classes		(759) Herbicides, Triazines	
	<del></del>	(760) Organochlorine Pesticides	
		[ (761) Organophosphate Pesticides	
		[ (767) Polychlorinated Biphenyls (PCB's)	
		(764) Polynuclear Aromatic Hydrocarbons	
(r		(762) SDWA Pesticides & Herbicides	
AAI	ALVEICAL	DECLUTE	
	ALTICAL	L RESULTS	
COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC. [PPB]
11. 1 11 10-	[PPB]		[FFD]
hatogenaled purgeables	$ \mathcal{A}\mathcal{A}\mathcal{A} $		
corporation hubanchlos	1 1/10 11		
cerasirance gradecay do	- - <del>/                                   </del>		
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* DETECTION LIMIT * *	1006	+ DETECTION LIMIT + +	
ABBREVIATIONS USED:	1//	•	
	mun omamni	DECEMBER 11 AUT	
N D = NONE DETECTED AT OR ABOVE			
T R = DETECTED AT A LEVEL BELOW			1
[ RESULTS IN BRACKETS ] ARE UNCONF	TRMED AND/O	R WITH APPROXIMATE QUANTITATION	L
LABORATORY REMARKS:			
	<del></del>		
	·		
CERTIFICA	TE OF ANALY	rical personnel	
Seal(s) Intact: Yes No No Seal(s) broken b	y:	date:	
I certify that I followed standard laboratory procedu	res on handling	and analysis of this sample unless otherwise noted	and
that the statements on this page accurately reflect	the analytical res	sults for this sample.	
Date(s) of analysis - Marky . Analysi's si	gnature: Al	Farray	
Date(s) of analysis I fulfy . Analysi's si	analytical result	s for this sample and with the statements in this	block.
Reviewers signature: Marion hou	• <del></del>		
Reviewers signature: & Meylihlin			

## MONUMENT N.M

OCD MON	VITOR	WELL	1, 2, 3	3,4	WATE	n sampa	ES 1340	00
			- /					
CHEMICAL	· <u>/</u> D	TE	6/16/8	6 (	116/86	6/16/86	6/16/	86
PAHAMETE		ME	•		1600	1625	1540	
						NC 2786	86-070	
					6-0766-C			
·		ON ITOR#		L	MW 2	MW3	MW	~
·							•	
ORGANICS								
1 DPURGABLE  ANATURAL		* * * * * * * *	* * * * * * * *		11/D	de	···	
METHAL			7 <i>PPM</i>		-/1/2	ND		"
7 ETHAN			TRACK					
3 PROPAN	and the second s		TRACE					
DECTIONLING			SPPN		5 ppm	5 ppm	5 er	m
10 B) ARONIA?						1/p+		
BENZE			0.032	PPM			, ,	
TOLUKA			NO					
E THYLEEN			NID					
P-XYLEN			N/Q				*	
15 M-XYLEA			N/0					
16 0-xy450			0.002					
DECTION Linu			0.001	PPM	0.00 PM	m 0.0011	nn 0.00	PPM
8 C) HALOGENA						NOT		
9				,				
OTHERS D	ETECTED				ND			
HEXENE	;		DECTER	7				
CYCLO HEX	CANE	:	. 10					
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TRIMETA								
5 C3+C4 CARBO				—				
BENZENE C			<i>V</i>		1 ,		** *	
BUTANONA	<b>≤</b>	;				DECTED	) 	
.0		را <u>-</u> -						
GENERALCA	HEMIS!	MY				77		
CALCIUM	1				128 PPM		m 112	
MAGNESIUM						5/12 81		
300.079						43.9 660		
POTASSIUM	 ••••					366 PPA		2 PPM PPM
S BICARBONIATI	/=							
CHLORIDE		<u>i</u>				34.5 981		PPM
50 L FATE.	101F DE	: DATOCI						PPDI
68 6702	AMSE, KRJ.	1204 (195)	0 0		D PPM	0 881		PPM
19 NITATE-NIN	ITDATE-NT	74 /-	· · . · . · . · . · . · . · . · . ·	• • •	61 .1		<b>.</b> .	***
10 AMMONIA-N	į	9.727, <b>65</b>	- · · · · · · · ·		<b>.</b>	,		
TOTAL KIELD					<del></del>			
CONDUCTANO			97000	1°C	9208140	1550 624	C 950 P	2600
3		* 1 * * * * *	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, <u>u</u> ,	, , , , , , , , , , , , , , , , , , ,	Land C M		٠, ١
 .5				**				
NOTE SAMPLE	=5 1) Wa	2786 H	10 1 5 ma	14 1	BRLF AF	HEADSPAC	E	
P DAINE	· - · / #U	F194 118	- 1 Jun 1	A-11 /	a 10 -1-, v 1,	, 64,457,46	*	
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## 86- 0763-C

## SCONTIFIC LABORATORY DIVISION

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



REPORT TO:	David Boyer	S.L.D. No. OR- 763-17-B
	N.M. Oil Conservation Division	DATE REC. 6-20-86
•	P. O. Box 2088	
	Santa Fe, N.M. 87504-2088	PRIORITY
PHONE(S):	827-5812 USE	R CODE:   8   2   2   3   5
SUBMITTER:	David Boyer	CODE:  2   6   0
SAMPLE COLLE	CCTION CODE: (YYMMDDHHMMIII)   816101617	61/1614151-PB1
SAMPLE TYPE:	WATER   SOIL   FOOD   OTHER:	CODE:
COUNTY:	EA ; CITY: MONUMENT	CODE:
LOCATION COE	E: (Township-Range-Section-Tracts) $ 19 5+3 7 $	F + 2   9 + 4   /   3   (10006E24342)
	QUESTED: Please check the appropriate box(es) below to indiver possible list specific compounds suspected or required.	
[753] Alipha		EXTRACTABLE SCREENS  1) Aliphatic Hydrocarbons
I	- Install	O) Organochlorine Pesticides
	Image 1	) Base/Neutral Extractables
[_  (766) Trihal Other		) Herbicides, Chlorophenoxy acid ) Herbicides, Triazines
		) Organochlorine Pesticides
		) Organophosphate Pesticides
<u></u>		') Polychlorinated Biphenyls (PCB's)  Polynuclear Aromatic Hydrocarbons
		S) SDWA Pesticides & Herbicides
Remarks:	Dep mw 1	
FIELD DATA:		
pH=; Co	onductivity= 970 umho/cm at 24 °C; Chlorine Residua	l=mg/l
	=mg/l; Alkalinity=mg/l; Flow Rate	
	20.23ft.; Depth of well 32,8ft.; Perforation Interval	
	on, Methods and Remarks (i.e. odors, etc.)	
	ne results in this block accurately reflect the results of my five collector):  Methodopanies  Septum Vials,  Glass Jugs, and/or	
	eserved as follows:	
☐ NP:	No Preservation; Sample stored at room temperature.	
P-Ice	,	İ
P-Na ₂ S ₂ O ₃	Sample Preserved with Sodium Thiosulfate to remove chloric	ne residual.
	nis sample was transferred from	to .
	on	
	n this block are correct. Evidentiary Seals: Not Sealed	
E0% 000 H	se: Date Owner Notified Phone	or Letter? Initials



(753) Aliphatic Brugeables (1-3 Carbons)   (754) Arcmatic & Haloganded Purgeables   (760) Organohlorine Fluiddes   (765) Mass Spectrometer Purgeables   (766) Mass Spectrometer Purgeables   (766) Mathematical Purgeables   (766) Mathematical Purgeables   (766) Mathematical Purgeables   (767) Mathematical	This sample was tested using the analytical screen	ing method(s)	checked below:	
COMPOUND(S) DETECTED CONC.  RESERVING TO COMPOUND(S) DETECTED CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRING TO CONC.  REPRIED TO CONC.  REPRIED TO CONC	(753) Aliphatic Purgeables (1-3 Carbons) (754) Aromatic & Halogenated Purgeables (765) Mass Spectrometer Purgeables (766) Trihalomethanes Other Specific Compounds or Classes		(751) Aliphatic Hydrocarbons (760) Organochlorine Pesticides (755) Base/Neutral Extractables (758) Herbicides, Chlorophenoxy acid (759) Herbicides, Triazines (760) Organochlorine Pesticides (761) Organophosphate Pesticides (767) Polychlorinated Biphenyls (PCB's) (764) Polynuclear Aromatic Hydrocarbons (762) SDWA Pesticides & Herbicides	
Letique  The tolivers of ND  Lapaul  L	<del></del>			CONC.
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Seal(s) Intact: Yes No Seal(s) broken by:  I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements on this page accurately reflect the analytical results for this sample.  Date(s) of analysis 6/27/66. Analyst's signature:  I certify that I have reviewed and concur with the analytical results for this sample and with the statements in this block.				
I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements on this page accurately reflect the analytical results for this sample.  Date(s) of analysis! 6/27/66. Analyst's signature: 6 South of the following that I have reviewed and concur with the analytical results for this sample and with the statements in this block.	CERTIFICAT	E OF ANALY	TICAL PERSONNEL	
Date(s) of analysis 6/27/66. Analyst's signature: 6 Secretary with the statements in this block.	Seal(s) Intact: Yes  No  Seal(s) broken by	:	date:	
Date(s) of analysis 6/27/86. Analyst's signature: 6 Secretary framey  I certify that I have reviewed and concur with the analytical results for this sample and with the statements in this block.				d and
	8 (MU486) (- 1011			ч
	I certify that I have reviewed and concur with the	analytical result	s for this sample and with the statements in this	block.
		7777	- / V	



New Mexico Health and Empenment Department SCIENTIFIC LABORATOR VISION 700 Camino de Salud NE Albuquerque, NM 87106 — (505) 841-2555

FOR OCD USE -- Date Owner Notified_

# 959 999 GERAL WATER CHEMISTRY and NITROGEN ANALYSIS

DATE RECEIVED 6 20 86 NO	AB O. WC - 278/ CODE 593	00 ☐ 59600 [XX OT	rher: 822	:35	
Collection DATE (a 1 6 8 6	Sample location			2000	MENT
Collection TIME	ATION Collection site descripti	on			
Collected by — Person/Agency  RAICEY / SEAY	/OCD			*	
FINAL State Land REPORT Santa Fe, N  Attn: David Boy	SERVATION DIVISION Office Bidg, PO Box 208 NM 87504-2088		Station/		
Phone: 827-58 SAMPLING CONDITIONS	12		well code Owner		
☐ Bailed	Water level 20, 23	Discharge		Sample ty	ре
pH (00400)	Conductivity (Uncorrected)	Water Temp. (00010)	24 °C	Conductiv	ity at 25°C (00094) µmho
Field comments 70 32	PUMPEN	min. 4"	Pro o	325	
SAMPLE FIELD TREATMENT  No. of samples submitted	. Whole sample Filtered i	n field with	ml H₂SO₄/L	added	
NA: No acid added   ANALYTICAL RESULTS from		5ml conc. HNO ₃ add	ded □A	: 4m1	fuming HNO ₃ added
NF, NA	Units Date analyz				Units Date analyzed
Conductivity (Corrected) 25°C (00095)  □ Total non-filterable residue (suspended) (00530) □ Other: □ Other: □ Other:	mg/l	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:	<u>/2</u> 3;	7 2 70 3 5,5	mg/l 6 23 mg/l " mg/l " mg/l " mg/l " mg/l 7/// mg/l 7/// mg/l 7/// mg/l 7/// mg/l 6/24
☐ Nitrate-N + , Nitrate-N		F, A-H ₂ SO ₄			
total (00630)  Ammonia-N total (00610)  Total Kjeldahl-N  Chemical oxygen demand (00340)  Total organic carbon  Other:	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	Nitrate-N + , Nitrate-N dissolved (00631)     Ammonia-N dissolved (00608)     Total Kjeldahl-N ( )     Other:      Analyst		ported	mg/lmg/l
□ Other:			1	6 86	G9

## 86- **0759-**C

## SCIENTIFIC LABORATORY DIV 700 Camino de Salud NE

STATE OF NEW MEXICO

Albuquerque, NM 87106 841-2570

N.M. 011 Conservation Division P. O. Box 2088  Santa Fe, N.M. 87504-2088  PRIORITY  3827-5812  USER CODE:	REPORT TO:	David Boyer	S.L.D. No. OR- 759- 14.6
Santa Fe, N.M. 87504-2088   PRIORITY	•		/// / /
PHONE(S): 827-5812		P. O. Box 2088	
SUBMITTER: David Boyer	•	Santa Fe, N.M. 87504-2088	PRIORITY 2
SUBMITTER: David Boyer	PHONE(S):	827-5812	USER CODE:   8   2   2   3   5
SAMPLE TYPE: WATER   SOIL   FOOD   OTHER:  COUNTY: LEA   CITY: MOUNTENT CODE:   CODE:     COUNTY: LEA   CODE:     COUNTY: LEA   CODE:     COUNTY: LEA   CODE:     CODE:     CODE:     COUNTY: LEA   CODE:     DE:   CODE:   CODE:   CODE:   CODE:     CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:   CODE:	SUBMITTER:		0 0
COUNTY: LEA COTY: MONNE NO CODE:	SAMPLE COLLEG	ction code: (yymmddhhmmiii)   8   6   0   6	1161161251 F/B
LOCATION CODE: (Township-Range-Section-Tracts)     9   S + 3   72   C + 2   9 + 4   1   3   (10N06E24342)  ANALYSES REQUESTED: Please check the appropriate box(as) below to indicate the type of analytical acreens required.  PURGEARLE SCREENS  [753] Aliphatic Purgeables [1-3 Carbons]  [753] Aliphatic Hydrocarbons  [754] Aromatic & Halogenated Purgeables  [755] Mass Spectrometer Purgeables  [756] Trihadomethanes  Other Specific Compounds or Classes  Other Specific Compounds or Classes  [756] Mass Spectrometer Purgeables  [757] Herbicides, Chlorephenoxy acid  [758] Herbicides, Chlorephenoxy acid  [758] Herbicides, Triatines  (759) Herbicides, Triatines  (750) Organochlorine Pesticides  [751] Organophosphate Pesticides  [752] Polychlorinated Biphenyls (PCB's)  [753] SDWA Pesticides & Herbicides  [754] Polychlorinated Biphenyls (PCB's)  [755] SDWA Pesticides & Herbicides  [756] DATA:  [757] Polychlorinated Biphenyls (PCB's)  [758] Herbicides & Herbicides  [759] Polychlorinated Biphenyls (PCB's)  [751] Organophosphate Pesticides  [759] SDWA Pesticides & Herbicides  [750] SDWA Pesticides & Herbicides  [751] Organophosphate Pesticides  [752] SDWA Pesticides & Herbicides  [753] SDWA Pesticides & Herbicides  [754] Polychlorinated Biphenyls (PCB's)  [751] Organophosphate Pesticides  [758] Herbicides, Chlorephenoxy acid  [759] Herbicides, Chlorephenoxy acid  [759] Herbicides, Chlorephenoxy acid  [750] Organochlorine Pesticides  [751] Organophosphate Pesticides  [759] Herbicides, Chlorephenoxy acid  [750] Organochlorine Pesticides  [751] Organophosphate Pesticides  [752] Organochlorine Pesticides  [753] Organochlorine Pesticides  [753] Organochlorine Pesticides  [756] Organochlorine Pesticides  [758] Herbicides, Chlorephenoxy acid  [759] Organochlorine Pesticides  [750] Organochlorine Pesticides  [750] Organochlorine Pesticides  [751] Organophosphate Pestic			•
ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required.  PURGEARLE SCREENS  [753) Aliphatic Purgeables (1-3 Carbons)  [754] Aromatic & Halogenated Purgeables [765] Mass Spectrometer Purgeables [765] Mass Spectrometer Purgeables [765] Trihalomethanes [765] Mass Spectrometer Purgeables [766] Trihalomethanes [767] Organochlorine Pesticides [768] Herbicides, Chlorophenovy acid [769] Trihalomethanes [769] Organochlorine Pesticides [760] Organochlorine Pesticides [761] Organophosphate Pesticides [767] Organochlorine Pesticides [768] Herbicides, Trianines [769] Organochlorine Pesticides [769] Organochlorine [769] Organochlorine [769] Organochlorine [769] Organochlorine [7	COUNTY: LE	A ; CITY: MONUME	V7 CODE:
required. Whenever possible list specific compounds suspected or required.  PURGEABLE SCREENS  [753] Aliphatic Purgeables [1-3 Carbons]	LOCATION CODE	E: (Township-Range-Section-Tracts) 1/1915+3	7  + 2 9 + 4 1 3  (10N06E24342)
PURCEABLE SCREENS  (753) Aliphatic Purgeables (1-3 Carbona)   (751) Aliphatic Hydrocarbons   (758) Aliphatic Hydrocarbons   (758) Mass Spectrometer Purgeables   (758) Mass Spectrometer Purgeables   (758) Mass Spectrometer Purgeables   (758) Mass Phetrident   (758) Mass Spectrometer Purgeables   (758) Mass Spectrometer Purgeables   (758) Mass Phetrident   (758) Mass Spectrometer Purgeables   (758) Mass Spectrometer Purgeables   (758) Mass Spectrometer Purgeables   (759) Mass Spectrometer   (750)	ANALYSES REQ	UESTED: Please check the appropriate box(es) below t	o indicate the type of analytical screens
(751) Aliphatic Purgeables (1-3 Carbons)	•	•	
(754) Aromatic & Halogenated Purgeables   (765) Mass Spectrometer Purgeables   (755) Mass Spectrometer Purgeables   (756) Organochlorine Peaticides   (756) Organochlorine Peaticides   (756) Organochlorine Peaticides   (756) Organochlorine Peaticides   (767) Polychlorinated Biphenyls (PCB's)   (767) SDWA Peaticides & Herbicides   (767) SDWA Peaticides   (767) Organochiorine Peaticides   (760) Organochiorine   (760) Organochiorine   (760) Organochiorine   (760) Organochiorine			
(755) Mass Spectrometer Purgeables			
Other Specific Compounds or Classes   (750) Herbicides, Triaxines   HERDERCE   (761) Organophosphate Pesticides   (761) Organophosphate Pesticides   (762) Organophosphate Pesticides   (763) Polychlorinated Biphenyls (PCB's)   (764) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides   Herbicides	<u></u>	·	(755) Base/Neutral Extractables
(760) Organochlorine Pesticides   (761) Organophosphate Pesticides   (767) Polychotade Biphenyls (PCB's)   (764) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (762) SDWA Pesticides   (	[ (766) Trihalo	methanes	758) Herbicides, Chlorophenoxy acid
(761) Organophosphate Pesticides   (767) Organophosphate Pesticides   (767) Organophosphate Pesticides   (768) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (763) SDWA Pesticides & Herbicides   (764) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (763) SDWA Pesticides & Herbicides   (764) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (763) SDWA Pesticides & Herbicides   (764) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (763) SDWA Pesticides & Herbicides   (764) Polynuclear Aromatic Hydrocarbons   (764) Polynuclear   (76		· · · · · · · · · · · · · · · · · · ·	(759) Herbicides, Triazines
(767) Polychlorinated Biphenyls (PCB's)   (764) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (762) STWA PUC   (762) Sample   (762) St.; Perforation Interval   - ft.; Casing: 4/" PUC   (762) Sampling Location, Methods and Remarks (i.e. odors, etc.)   (762) Sampling Location, Methods and Remarks (i.e. odors, etc.)   (762) Signature   (762) SDWA Pesticides & Herbicides   (762) SDWA Pesticides   (762) SDWA   (7	R HER	RDSPACE	(760) Organochlorine Pesticides
			761) Organophosphate Pesticides
			767) Polychlorinated Biphenyls (PCB's)
FIELD DATA:  pH=; Conductivity= \( \subseteq \subseteq \subseteq \text{Umho/cm} \) at \( \subseteq \supseteq \supseteq \text{C}; \text{Chlorine Residual=} \) mg/l;  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate			764) Polynuclear Aromatic Hydrocarbons
FIELD DATA:  pH=; Conductivity=/SSO umho/cm at Z4 °C; Chlorine Residual=mg/l;  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/  Depth to water /7. Sft.; Depth of well 29.3 ft.; Perforation Interval ft.; Casing: 4" PVC  Sampling Location, Methods and Remarks (i.e. odors, etc.)  #### PUMPES			762) SDWA Pesticides & Herbicides
Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate	Remarks: OC	es mw3	
Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate	PIELD DATA:		
Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate		nductivity= 1550 umho/cm at 24°C: Chlorine F	tesidual= mg/l
Depth to water 17.25ft.; Depth of well 29.3 ft.; Perforation Interval			
Sampling Location, Methods and Remarks (i.e. odors, etc.)    Common			
I certify that the results in this block accurately reflect the results of my field analyses, observations and activities. (signature collector):    Method of Shipment to the Lab:   Method of Shipme			
I certify that the results in this block accurately reflect the results of my field analyses, observations and activities. (signature collector):	e.	_	
activities (signature collector):		The purity / ////	
activities (signature collector):			· · · · · · · · · · · · · · · · · · ·
This form accompanies Septum Vials, Glass Jugs, and/or  Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.  P-Ice Sample stored in an ice bath (Not Frozen).  P-Na S O Sample Preserved with Sodium Thiosulfate to remove chlorine residual.  CHAIN OF CUSTODY  I certify that this sample was transferred from			
Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.  P-Ice Sample stored in an ice bath (Not Frozen).  P-Na_SO_Sample Preserved with Sodium Thiosulfate to remove chlorine residual.  CHAIN OF CUSTODY  I certify that this sample was transferred from	This form accome	panies Septum Vials Glass Jugs and/or	interior of empirical to the Bue. Acts ty Carry
NP: No Preservation; Sample stored at room temperature.  P-Ice Sample stored in an ice bath (Not Frozen).  P-Na S O Sample Preserved with Sodium Thiosulfate to remove chlorine residual.  CHAIN OF CUSTODY  I certify that this sample was transferred from			
P-Ice Sample stored in an ice bath (Not Frozen).  P-Na SO Sample Preserved with Sodium Thiosulfate to remove chlorine residual.  CHAIN OF CUSTODY  I certify that this sample was transferred from			
P-Na S O Sample Preserved with Sodium Thiosulfate to remove chlorine residual.  CHAIN OF CUSTODY  I certify that this sample was transferred from	· <del></del>		
CHAIN OF CUSTODY  I certify that this sample was transferred from			chlorine residual.
at (location) on = and that the statements in this block are correct. Evidentiary Seals: Not Sealed Seals Intact: Yes No Signatures			
the statements in this block are correct. Evidentiary Seals: Not Sealed Seals Intact: Yes No Signatures	I certify that thi	s sample was transferred from	to
Signatures	at (location)	on	: and that
	the statements in	this block are correct. Evidentiary Seals: Not Sealed	Seals Intact: Yes No
For OCD Use: Date Owner Notified Phone or Letter? Initials	Signatures		
	For Och He	se: Date Owner Notified Ph	one or letter? Initials

759

This sample was tested using the analytical screen	ning method(s)	checked below:	
PURGEABLE SCREENS		EXTRACTABLE SCREENS	
(753) Aliphatic Purgeables (1-3 Carbons)		(751) Aliphatic Hydrocarbons	
(754) Aromatic & Halogenated Purgeables		(760) Organochlorine Pesticides	
(765) Mass Spectrometer Purgeables		(755) Base/Neutral Extractables	
(766) Trihalomethanes	•	(758) Herbicides, Chlorophenoxy acid	
Other Specific Compounds or Classes		(759) Herbicides, Triazines	
· · ·		(760) Organochlorine Pesticides	
		(761) Organophosphate Pesticides	
		(767) Polychlorinated Biphenyls (PCB's)	
		(764) Polynuclear Aromatic Hydrocarbons	
<u></u>		(762) SDWA Pesticides & Herbicides	
AN	ALYTICA	L RESULTS	
COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC.
natural can	Win		
Hawas Gas	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \		
V , , , ,			
gromatic Durgeables.	11/1+1		
All 1 de la la la la la la la la la la la la la	1/n+		
palogenated purglables	111)		
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	1 1		
	1		
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* DETECTION LIMIT * *	Some		1 -6
* DETECTION LIMIT * T	1 Spproce	+ DETECTION LIMIT +	ppo
ABBREVIATIONS USED:			7 1
N D = NONE DETECTED AT OR ABOVE	THE STATED	DETECTION LIMIT	
T R = DETECTED AT A LEVEL BELOW	THE STATED	DETECTION LIMIT (NOT CONFIRMED)	,
[ RESULTS IN BRACKETS ] ARE UNCONF	IRMED AND/	OR WITH APPROXIMATE QUANTITATION	Ī
	0 1 0		
LABORATORY REMARKS: his sairable	e had	a Small buttle of hearting	raco,
		atal De Dage Line	111111
A frace of bulanone wo	WH CHELO	and by we aromane.	Acrees
0		0	Ì
		1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	
	mp		
GERTIFICAT	TE OF ANALY	TICAL PERSONNEL	
Seal(s) Intact: Yes No No Seal(s) broken by	y:	date:	and the same
I certify that I followed standard laboratory procedu	res on handling	and analysis of this sample unless otherwise noted	and
that the statements on this page accurately reflect t			
- Dulusto	_		
Date(s) of analysis: 6/27/60. Analyst's significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant	gnature: (	I During Stume	4
I certify that I have reviewed and concur with the	analytical resul		block.
Reviewers signature: Mary & Colen			
1			I



New Mexico Health and Engionment Department SCIENTIFIC LABORATOR VISION 700 Camino de Salud NE Albuquerque, NM 87106 -- (505) 841-2555





DATE RECEIVED 6	20 86 N	AB O. WC-2786	USER CODE  59300	) ☐ 59600 💢 O	THER: 82	235	
Collection DATE 6   16   86		SITE INFORM- ►	Sample location	MONUMEN		co mw.	3
Collection TIME  /6 2-5		ATION	Collection site description				
Collected by — Person/Ac	gency / SEA V	/OCD			***************************************		
13HIOEY	/ 30/4/_	, 565					******
	NVIRONMENT						
SEND N	M OIL CONS	SERVATION DIV Office Bldg	ISION				***************************************
		NM 87504-2088					
<b>•</b>	David Boy						
	·				Station/		
Phon		312			well code Owner		
SAMPLING CON		r					
	Ar Pump □ Tap	Water level	17.25	Discharge		Sample type	
рН (00400)		Conductivity (Unco	rrected) 55 ρ μmho	Water Temp. (00010)	⊋4 °C	Conductivity at 25	°C (00094) µmho
Field comments	TO 2		CEPVC			7 m1	
***************************************	.02	7-3 4		1825 1-011)	NEC		
SAMPLE FIELD	TREATMENT	Г — Check prope	r boxes				
No. of samples submitted	□XNF	Whole sample (Non-filtered)	□ <b>F:</b> Filtered in 0.45 μmer	field with	ml H₂SO₄/	L added	
∠NA: No acid	d added $\Box$ C	Other-specify:	□ A:	5ml conc. HNO ₃ ad	ded 🗆 🛭	A: 4ml fumir	ng HNO ₃ added
ANALYTICAL R	ESULTS from		(	NF)			
NF, NA			Units Date analyze	F, NA	<del></del> ,	Units	Date analyzed
			Units Date analyzed	F, NA Calcium (00915)		Units  76  mg/l  51, 2  mg/l	Date analyzed
NF, NA  Conductivity (C 25°C (00095)	orrected)			# Calcium (00915)  Magnesium (00925)  Sodium (00930)	4	76 mg/l 57,2 mg/l 3,9 mg/l	6-23
NF, NA  Conductivity (C 25°C (00095)  Total non-filteral residue (susper	orrected)		umho	Calcium (00915)  Magnesium (00925)	<u>ય</u> 	176 mg/l mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l	6-23
NF, NA  Conductivity (C 25°C (00095)	orrected)			Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)	્યું 13 3 4	76 mg/l 57.2 mg/l 3.9 mg/l 66 mg/l 622 mg/l	6-23
NF, NA  Conductivity (C 25°C (00095)  Total non-filteral residue (susper (00530)  Other:  Other:	orrected)		umho	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue	ું - 18 - 3 - 4 - 3	16 mg/l mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l	6-23 " " " 7/11 7/11 7/15
NF, NA  Conductivity (C 25°C (00095)  Total non-filteral residue (susper (00530)  Other:	orrected)		umho	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)	4   18   3   3   10	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	6-23 " " " 7/11 7/11 7/15
NF, NA  Conductivity (C 25°C (00095)  Total non-filteral residue (susper (00530)  Other:  Other:	orrected)		umho	Calcium (00915) Magnesium (00925) Sodium (00930) Potassium (00935) Bicarbonate (00440) Chloride (00940) Sulfate (00945) Total filterable residue (dissolved) (70300) Other:	4   18   3   3   10	16 mg/l mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l   mg/l	6-23 " " " 7/11 7/11 7/15
NF, NA  □ Conductivity (C 25°C (00095)  □ Total non-filteral residue (susper (00530)  □ Other: □ Other: □ Other:  NF, A-H₂SO₄ □ Nitrate-N + , Nit	ble nded)		mg/I	Calcium (00915)  Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:  F, A-H ₂ SO ₄	ं <u>।</u> <u>।</u> <u>।</u> <u>।</u> 3 3	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	6-23 " " " 7/11 7/11 7/15
NF, NA  □ Conductivity (C 25°C (00095)  □ Total non-filteral residue (susper (00530)) □ Other: □ Other: □ Other:	ble anded)		umho	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:  F, A-H ₂ SO ₄	18 18 24 3 3	76 mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	6-23
NF, NA  □ Conductivity (C 25°C (00095)  □ Total non-filteral residue (susper (00530)  □ Other: □ Other: □ Other:  NF, A-H₂SO₄ □ Nitrate-N + , Nit total (00630)	ble anded)		mg/lmg/l	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:  RA-H2 SO4  Nitrate-N + , Nitrate-I dissolved (00631)  Ammonia-N dissolved	18 18 19 19 10	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	6-23
NF, NA  □ Conductivity (C 25°C (00095)  □ Total non-filteral residue (susper (00530)) □ Other: □ Other: □ Other:  NF, A-H₂SO₄ □ Nitrate-N + , Nit total (00630) □ Ammonia-N total (Total Kjeldahl-N ( ) ) □ Chemical oxyge	ble anded)		mg/lmg/lmg/l	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:  RA-H2 SO4  Nitrate-N + , Nitrate-I dissolved (00631)  Ammonia-N dissolved (00608)	18 18 19 19 10	76 mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	6-23
NF, NA  □ Conductivity (C 25°C (00095)  □ Total non-filteral residue (susper (00530)) □ Other: □ Other: □ Other: □ NF, A-H₂SO₄ □ Nitrate-N + , Nit total (00630) □ Ammonia-N total (00630) □ Ammonia-N total (00630) □ Chemical oxygedemand (00340)	ble ended)  al (00610)  en en ble ended)		mg/lmg/l	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + Nitrate-I dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N	18 18 19 19 10	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	6-23
NF, NA  □ Conductivity (C 25°C (00095)  □ Total non-filteral residue (susper (00530)) □ Other: □ Other: □ Other: □ NF, A-H₂SO₄ □ Nitrate-N + , Nit total (00630) □ Ammonia-N total (00630) □ Ammonia-N total (00630) □ Chemical oxygedemand (00340) □ Total organic cal (00630)	ble inded)  prate-N al (00610) and inded)		mg/lmg/lmg/l	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:  RA-H2 SO4  Nitrate-N + , Nitrate-I dissolved (00631)  Ammonia-N dissolved (00608)	18 18 19 19 10	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	6:23 " " " " " " " " " " " " " " " " " " "
NF, NA  □ Conductivity (C 25°C (00095)  □ Total non-filteral residue (susper (00530)) □ Other: □ Other: □ Other: □ NF, A-H₂SO₄ □ Nitrate-N + , Nit total (00630) □ Ammonia-N total (00630) □ Ammonia-N total (00630) □ Chemical oxygedemand (00340)	ble inded)  prate-N al (00610) and inded)		mg/lmg/lmg/lmg/l	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + Nitrate-I dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N	N Date R	76 mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	6-23 11 11 7/11 7/15 6/30 -3/11
NF, NA  □ Conductivity (C 25°C (00095)  □ Total non-filteral residue (susper (00530)) □ Other: □ Other: □ Other: □ Nitrate-N +, Nit total (00630) □ Ammonia-N total (00630) □ Ammonia-N total (Definition of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contro	ble inded)  al (00610)  en  irbon		mg/lmg/lmg/lmg/l	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + Nitrate-I dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N  ()  Other:	N Date R	176	6-23 11 11 7/11 7/15 6/30 -3/11
NF, NA  □ Conductivity (C 25°C (00095)  □ Total non-filteral residue (susper (00530)) □ Other: □ Other: □ Other: □ Nitrate-N +, Nit total (00630) □ Ammonia-N total Total Kjeldahl-N ( ) □ Chemical oxyge demand (00340) □ Total organic cal ( ) □ Other:	ble inded)  al (00610)  en  irbon		mg/lmg/lmg/lmg/l	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + Nitrate-I dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N  ()  Other:	N Date R	76 mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	6-23 11 11 7/11 7/15 6/30 -3/11
NF, NA  □ Conductivity (C 25°C (00095)  □ Total non-filteral residue (susper (00530)) □ Other: □ Other: □ Other: □ Nitrate-N +, Nit total (00630) □ Ammonia-N total (00630) □ Ammonia-N total (Definition of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contro	ble inded)  al (00610)  en  irbon		mg/lmg/lmg/lmg/l	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + Nitrate-I dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N  ()  Other:	N Date R	76 mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	6-23 11 11 7/11 7/15 6/30 -3/11
NF, NA  □ Conductivity (C 25°C (00095)  □ Total non-filteral residue (susper (00530)) □ Other: □ Other: □ Other:  NF, A-H₂SO₄ □ Nitrate-N + , Nit total (00630) □ Ammonia-N total (00630) □ Ammonia-N total (00630) □ Chemical oxygedemand (00340) □ Total organic car ( ) □ Other: □ Other: □ Other:	ble inded)  crate-N al (00610) intron		mg/lmg/lmg/lmg/lmg/lmg/lmg/l	Calcium (00915)  Magnesium (00925)  Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00940)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:  F, A-H ₂ SO ₄ Nitrate-N + Nitrate-I dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N  ()  Other:	14	76 mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	6-23 4 11 7/11 7/15 6/30 ->/4 wed by

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## SCENTIFIC LABORATORY DIV 700 Camino de Salud NE

Albuquerque, NM 87106 841-2570



N.M. 011 Conservation Division P. D. Box 2088  Santa Fe, N.M. 87504-2088  PRIORITY  SUBMITTER:  Bavid Boyer  CODE:   2   5   0    SAMPLE COLLECTION CODE: (YYMMDDHIMMIII)   SG   0   6   1   6   0   0   4    SAMPLE TYPE: WATER   SOIL   POOD   OTHER:  COUNTY   GAP   CODE:	REPORT TO: David Boyer	S.L.D. No. OR- 766- # B
PHONE(S):  827-5812  USER CODE:   3   2   3   5    SUBMITTER:  David Boyer  SAMPLE COLLECTION CODE: (YYMMDDHRMMIII)   6   0   0   0   0   0    SAMPLE COLLECTION CODE: (YYMMDDHRMMIII)   8   0   6   0   0   0   0    SAMPLE TYPE: WATER   SOIL   POOD   OTHER: CODE:              COUNTY:		1/15/10
PHONE(S):  827-5812  USER CODE:  8 2 2 3 5  SUBMITTER:  David Boyer  CODE:  SAMPLE COLLECTION CODE:  (YYMMDDHHMMIII)  GG 0 6 1 6 1 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P. O. Box 2088	
PHONE(S):  827-5812  USER CODE:  8 2 2 3 5  SUBMITTER:  David Boyer  CODE:  9 6 0  SAMPLE COLLECTION CODE:  (YYMMDDHHMMIII)	Santa Fe, N.M. 87504-2088	PRIORITY 2
SUBMITTER: David Boyer	PHONE(S): 827-5812 US	
SAMPLE TYPE: WATER [3], SOIL, FOOD, OTHER:  COUNTY:	David Royon	
COUNTY: LEA CITY: MONON CODE:   COOR:   COOR:   COUNTY: LEA COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   COOR:   CO	sample collection code: (YYMMDDHHMMIII)   8606161	161/16101019177
ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required.  PURGEABLE SCREENS  [753) Aliphatic Purgeables (1-3 Carbons)  [753) Aliphatic Purgeables (1-3 Carbons)  [754] (754) Aromatic & Halogenated Purgeables  [755] Mass Spectrometer Purgeables  [760] Trihadomethanes  [761] Trihadomethanes  [760] Trihadomethanes  [760] Trihadomethanes	SAMPLE TYPE: WATER 🔀, SOIL 🦳, FOOD 🦳, OTHER:	CODE:
ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required.  PURCEADLE SCREENS  [753] Aliphatic Purgeables (1-3 Carbons)  [754] Aromatic & Halogenated Purgeables [755] Asses Pettrometer Purgeables [755] Reservations [758] Trislalometrates [758] Reservations [758] Trislalometrates [758] Reservations [758] Trislalometrates [758] Reservations [759] Organochlorine Pesticides [750] Organochlorine Pesticides [751] Organophosphate Pesticides [750] Organochlorine Pesticides [751] Organophosphate Pesticides [751] Organophosphate Pesticides [751] Organophosphate Pesticides [751] Organophosphate Pesticides [752] SDWA Pesticides & Herbicides, Triasines [753] Organophosphate Pesticides [754] Aromatic Aromatic Hydrocarbons [755] SDWA Pesticides & Herbicides [756] Organochlorine Pesticides [757] Organophosphate	COUNTY: LEA ; CITY: MONUMENT	CODE:   _
required. Whenever possible list specific compounds suspected or required.    PURCEABLE SCREENS	LOCATION CODE: (Township-Range-Section-Tracts)   195+317	E + 2 9 + 3 2 4 (10N06E24342)
PIRGEARKE SCREENS   C753   Aliphatic Purgeables (1-3 Carbons)   (753) Aliphatic Purgeables (1-3 Carbons)   (754) Aliphatic Hydrocarbons   (755) Mass Spectrometer Purgeables   (756) Mass Spectrometer Purgeables   (755) Base/Neutral Extractables   (756) Base/Neutral Extractables   (756) Branch Herbicides, Triatines   (756) Herbicides, Triatines   (756) Herbicides, Triatines   (756) Herbicides, Triatines   (756) Organochiorine Pesticides   (756) Organochiorine Pesticides   (757) Polychiorinated Biphenyla (PCB'a)   (757) Polychiorinated Biphenyla (PCB'a)   (757) Polychiorinated Biphenyla (PCB'a)   (754) Polychiorinated Biphenyla (PCB'a)   (756) DATA:   (757) Polychiorinated Biphenyla (PCB'a)   (757) Polychiorinated Biphenyla (PCB'a)   (757) Polychiorinated Biphenyla (PCB'a)   (757) Polychiorinated Biphenyla (PCB'a)   (756) Polychiorinated Biphenyla (PCB'a)   (757) Polychiorinated Biphenyla (PCB'a)   (	ANALYSES REQUESTED: Please check the appropriate box(es) below to inc	licate the type of analytical screens
(753) Aliphatic Purgeables (1-3 Carbons)   (751) Aliphatic Hydrocarbons   (754) Aromatic & Halogenated Purgeables   (760) Organochlorine Patticides   (763) Tithalomethanes   (763) Base/Neutral Extractables   (758) Herbicides, Chlorophenoxy acid   (758) Tithalomethanes   (758) Herbicides, Chlorophenoxy acid   (759) Herbicides, Chlorophenoxy acid   (759) Herbicides, Chlorophenoxy acid   (759) Herbicides, Chlorophenoxy acid   (760) Organochlorine Pesticides   (760) Organochlorine Pesticides   (761) Organochlorin		EXTRACTABLE SCREENS
(765) Mass Spectrometer Purgeables   (756) Base/Neutral Extractables   (768) Trihaiomethanes   (758) Herbicides, Chlorophenoxy acid   (761) Organochlorine Pesticides   (760) Organochlorine Pesticides   (761) Organochlorinated Biphenyls (PCB'4)   (767) Polychlorinated Biphenyls (PCB'4)   (767) Polychlorinated Biphenyls (PCB'4)   (767) Polychlorinated Biphenyls (PCB'4)   (762) SDWA Pesticides & Herbicides   (762) SDWA Pesticides & Herbicides   (762) SDWA Pesticides & Herbicides   (763) SDWA Pesticides & Herbicides   (764) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (762) SDWA Pesticides & Herbicides   (763) SDWA Pesticides & Herbicides   (764) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (763) SDWA Pesticides & Herbicides   (764) Polynuclear Aromatic Hydrocarbons   (767) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (763) SDWA Pesticides & Herbicides   (764) Polynuclear Aromatic Hydrocarbons   (767) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (763) SDWA Pesticides & Herbicides   (764) Polynuclear Aromatic Hydrocarbons   (767) Polynuclear Aromatic Hydrocarbons   (767) Polynuclear Aromatic Hydrocarbons   (767) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (763) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (764) Polynuclear Aromatic Hydrocarbons   (767) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (763) Polynuclear Aromatic Hydrocarbons   (762) Polynuclear Aromatic Hyd		
(766) Trihalomethanes	(754) Aromatic & Halogenated Purgeables	30) Organochlorine Pesticides
Other Specific Compounds or Classes	(75) Mass Spectrometer Purgeables	5) Base/Neutral Extractables
(760) Organochlorine Pesticides   (761) Organophosphate Pesticides   (762) Organophosphate Pesticides   (763) Organophosphate Pesticides   (764) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (762) SDWA Pesticides   (762) SDWA	I make 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8) Herbicides, Chlorophenoxy acid
(761) Organophosphate Pesticides   (767) Polychorinated Biphenyls (PCB's)   (764) Polynuclear Aromatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (763) SDWA Pesticides & Herbicides   (762) SDWA Pesticides & Herbicides   (763) Sample Herbicides   (763) SDWA Pesticides & Herbicides   (763) STWA PECCONTROL   (763) STWA PECCONTROL   (764) STWA P		· [ · · · · · · · · · · · · · · · · · ·
(767) Polychlorinated Biphenyls (PCB's)   (764) Polynuclear Atomatic Hydrocarbons   (762) SDWA Pesticides & Herbicides   (762) SDWA Pesticides   (762) SDWA Pesticides & Herbicides   (762) SDWA Pesticides   (762) SDWA Pesticides & Herbicides   (762) SDWA Pesticides		· [ -
		1
FIELD DATA:  pH=; Conductivity= \( \frac{9}{2}\) \( \text{o mu}\) \( 2\) \( \text{o c}\); Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate		· · · · · · · · · · · · · · · · · · ·
PIELD DATA:  pH=; Conductivity= \( \frac{7}{2} \) \( \text{o mho/cm} \) at \( \frac{2}{4} \) \( \text{o C} \); Chlorine Residual=mg/l  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/  Depth to water \( \frac{20.43}{20.43} \) ft.; Depth of well \( \frac{35.7}{10.5} \) ft.; Perforation Interval		Self of the self-self-self-self-self-self-self-self-
pH=; Conductivity= \( \frac{\text{7} \in 0}{\text{2} \) umho/cm at \( \frac{2\text{7} \circ C}{\text{c}} \) C; Chlorine Residual=mg/l;  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/  Depth to water \( \frac{20.43}{\text{ft.}} \); Depth of well \( \frac{33.7}{\text{ft.}} \); Perforation Interval ft.; Casing: \( \frac{\text{4}^{\text{7}} \text{PVC}}{\text{C}} \)  Sampling Location, Methods and Remarks (i.e. odors, etc.)  PUMPED & M. N  I certify that the results in this block accurately reflect the results of my field analyses, observations and activities (signature collector):Method of Shipment to the Lab. (This form accompanies Septum Vials, Glass Jugs, and/or Samples were preserved as follows: Method of Shipment to the Lab. (This form accompanies Septum Vials, Glass Jugs, and/or Samples were preserved as follows: NP: NO Preservation; Sample stored at room temperature P-Ice Sample stored in an ice bath (Not Frozen) P-Na_SO Sample Preserved with Sodium Thiosulfate to remove chlorine residual	Remarks: OCO MW -	
pH=; Conductivity= \( \frac{\text{7} \in 0}{\text{2} \) umho/cm at \( \frac{2\text{7} \circ C}{\text{c}} \) C; Chlorine Residual=mg/l;  Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/  Depth to water \( \frac{20.43}{\text{ft.}} \); Depth of well \( \frac{33.7}{\text{ft.}} \); Perforation Interval ft.; Casing: \( \frac{\text{4}^{\text{7}} \text{PVC}}{\text{C}} \)  Sampling Location, Methods and Remarks (i.e. odors, etc.)  PUMPED & M. N  I certify that the results in this block accurately reflect the results of my field analyses, observations and activities (signature collector):Method of Shipment to the Lab. (This form accompanies Septum Vials, Glass Jugs, and/or Samples were preserved as follows: Method of Shipment to the Lab. (This form accompanies Septum Vials, Glass Jugs, and/or Samples were preserved as follows: NP: NO Preservation; Sample stored at room temperature P-Ice Sample stored in an ice bath (Not Frozen) P-Na_SO Sample Preserved with Sodium Thiosulfate to remove chlorine residual		
Depth to water 20.43 ft.; Depth of well 35.7 ft.; Perforation Interval ft.; Casing: 4" PVC  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Pumped & m, N  I certify that the results in this block accurately reflect the results of my field analyses, observations and activities (signature collector):		
Depth to water 20,43 ft.; Depth of well 35.7 ft.; Perforation Interval ft.; Casing: 4" PVC  Sampling Location, Methods and Remarks (i.e. odors, etc.)  PUMPED & M. N  I certify that the results in this block accurately reflect the results of my field analyses, observations and activities.(signature collector):	pH=; Conductivity= 920 umho/cm at 24°C; Chlorine Residu	al=mg/l
Sampling Location, Methods and Remarks (i.e. odors, etc.)   Pumped & m. N		
I certify that the results in this block accurately reflect the results of my field analyses, observations and activities.(signature collector):	Depth to water 20.43 ft.; Depth of well 33.7 ft.; Perforation Interval	ft.; Casing: 4" PVC
I certify that the results in this block accurately reflect the results of my field analyses, observations and activities.(signature collector):	Sampling Location, Methods and Remarks (i.e. odors, etc.)	(
Activities (signature collector):    Carlor   Method of Shipment to the Lab Hombus	PUMPED 8 M.N	
Activities (signature collector):    Carlor   Method of Shipment to the Lab Hombranco		
Activities (signature collector):    Carlor   Method of Shipment to the Lab Hombus	I certify that the results in this block accurately reflect the results of my	field analyses, observations and
Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.  P-Ice Sample stored in an ice bath (Not Frozen).  P-Na S O Sample Preserved with Sodium Thiosulfate to remove chlorine residual.  CHAIN OF CUSTODY  I certify that this sample was transferred from	activities (signature collector): Asculer Meth	nod of Shipment to the Lab Hong carroe
Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.  P-Ice Sample stored in an ice bath (Not Frozen).  P-Na_S_O_ Sample Preserved with Sodium Thiosulfate to remove chlorine residual.  CHAIN OF CUSTODY  I certify that this sample was transferred from	This form accompanies Septum Vials, Glass Jugs, and/or	
P-Ice Sample stored in an ice bath (Not Frozen).  P-Na S O Sample Preserved with Sodium Thiosulfate to remove chlorine residual.  CHAIN OF CUSTODY  I certify that this sample was transferred from		
P-Na_S_OSample Preserved with Sodium Thiosulfate to remove chlorine residual.  CHAIN OF CUSTODY  I certify that this sample was transferred from	NP: No Preservation; Sample stored at room temperature.	•
I certify that this sample was transferred from		
I certify that this sample was transferred from	P-Na S O Sample Preserved with Sodium Thiosulfate to remove chlor	ine residual.
at (location) on and that the statements in this block are correct. Evidentiary Seals: Not Sealed Seals Intact: Yes No Signatures	CHAIN OF CUSTODY	
the statements in this block are correct. Evidentiary Seals: Not Sealed Seals Intact: Yes No Signatures		to
Signatures		
	the statements in this block are correct. Evidentiary Seals: Not Sealed	Seals Intact: Yes No
For OCD Use: Date Owner Notified Phone or Letter? Initials	Signatures	·
	For OCD Harm Bate O and Market I	or Letter? Initials



This sample was tested using the analytical screening method(s)	checked below:
PURGEABLE SCREENS  (753) Aliphatic Purgeables (1-3 Carbons)  (754) Aromatic & Halogenated Purgeables  (765) Mass Spectrometer Purgeables  (766) Trihalomethanes  Other Specific Compounds or Classes	EXTRACTABLE SCREENS  (751) Aliphatic Hydrocarbons (760) Organochlorine Pesticides (755) Base/Neutral Extractables (758) Herbicides, Chlorophenoxy acid (759) Herbicides, Triazines (760) Organochlorine Pesticides (761) Organophosphate Pesticides (767) Polychlorinated Biphenyls (PCB's) (764) Polynuclear Aromatic Hydrocarbons (762) SDWA Pesticides & Herbicides
ANALYTICA	AL RESULTS
COMPOUND(S) DETECTED CONC.	COMPOUND(S) DETECTED CONC. [PPB]
Natural gas N.P	
aromatic purgeables ND+	
halogenoted purgeables ND+	
* DETECTION LIMIT * * 5 pm	+ DETECTION LIMIT + / / / / / / /
ABBREVIATIONS USED:  N D = NONE DETECTED AT OR ABOVE THE STATE T R = DETECTED AT A LEVEL BELOW THE STATE [ RESULTS IN BRACKETS ] ARE UNCONFIRMED AND	D DETECTION LIMIT (NOT CONFIRMED)
LABORATORY REMARKS:	
CERTIFICATE OF ANAL	YTICAL PERSONNEL
Seal(s) Intact: Yes No Seal(s) broken by:	date:
I certify that I followed standard laboratory procedures on handlir that the statements on this page accurately reflect the analytical	
Date(s) of analysis: 6/27/86. Analyst's signature:	
I certify that I have reviewed and concur with the analytical resu	
Reviewers signature: Sary C. Eden	. /



New Mexico Health and Ex SCIENTIFIC LABORATOR 700 Camino de Salud NE nment Department VISION Albuquerque, NM 87106 — (505) 841-2555

# ERIOR (TY Z BERAL WATER CHEMISTRY and NITROGEN ANALYSIS

DATE RECEIVED 4 20	86 NO. WC-2782	USER 59300	59600 ∑X OT	HER: 82	235	
Collection DATE 6 16 86	SITE INFORM- ►	Sample location	MONUMENT		co n	nw 2
Collection TIME	ATION	Collection site description			<del></del>	
Collected by — Person/Agency	/OCD			***************************************		
SEND NM 0I FINAL State REPORT Santa  Attn:Day.	•	<b>,</b> PO Box 2088		Station/		
	327-5812		L	well code Owner		
SAMPLING CONDITION  Bailed - Pum			Discharge		Sample type	
□ Dipped □ Tap	ó	20.43-		· · · - · · · · · · · · · · · · · · · ·		
pH (00400)	Conductivity (Unco	rrected) タ20µmho	Water Temp. (00010)	≈4°C	Conductivit	y at 25°C (00094) μmho
Field comments	MP60 8M		L'PYR TY	) <i>3</i> '3	. 7	
SAMPLE FIELD TREA	TMENT — Check prope	er boxes .				
No. of samples submitted	NF: Whole sample (Non-filtered)	☐ <b>F:</b> Filtered in 0.45 µmer	field with	ml H₂SO₄/	L added	
À NA: No acid adde			5ml conc. HNO ₃ add	led 🎞 🗸	A: 4m1 f	fuming HNO, added
ANALYTICAL RESUL			NF)			- 3
NF, NA		Units Date analyzed	/			Units Date analyzed
Conductivity (Corrected 25°C (00095)	,	umho	AT Calcium (00915)  □ Magnesium (00925) □ Sodium (00930)	127 200 35	77	mg/l <u>6 23</u> mg/l <u>4</u> mg/l <u>"</u>
☐ Total non-filterable residue (suspended) (00530)		mg/l	Potassium (00935)  Bicarbonate (00440)  Chloride (00940)		<u> </u>	mg/l // // // mg/l // // // // // // // // // // // // /
☐ Other: ☐ Other:			Sulfate (00945)		418	mg/l 7/15
☐ Other:			Total filterable residue (dissolved) (70300)			mg/l 6/30
NF, A-H₂SO₄			A Other: CO3		<u> </u>	6/24
☐ Nitrate-N + , Nitrate-N total (00630)		mg/l	F, A-H₂ SO₄			
☐ Ammonia-N total (0061) ☐ Total Kjeldahl-N	0)	mg/l	□ Nitrate-N +, Nitrate-N dissolved (00631) □ Ammonia-N dissolved			mg/l
☐ Chemical oxygen demand (00340)			(00608)  Total Kjeldahl-N			mg/l
☐ Total organic carbon	<u></u>	mg/l	- ( ) □ Other:			mg/l
(  ) □ Other:		mg/l	-	188		
☐ Other:			Analyst	1 1	eported	Reviewed by
Laboratory remarks					10-1	
		***************************************				

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



REPORT TO:	David Boyer	s.L.D. No. OR- 7/00-17-18
	N.M. Oil Conservation Division	DATE REC. 6/20/86
	P. O. Box 2088	
	Santa Fe, N.M. 87504-2088	PRIORITY 2
PHONE(S):	827-5812 USI	ER CODE:   8   2   2   3   5
SUBMITTER:	David Boyer	CODE:  2   6   0
SAMPLE COLLE	CCTION CODE: (YYMMDDHHMMIII)   8   6   0   6   1	161/15/40/5/31
SAMPLE TYPE:	WATER [X], SOIL [], FOOD [], OTHER:	CODE:
COUNTY: LE	EA ; CITY: MONUMENT	CODE:
LOCATION COD	E: (Township-Range-Section-Tracts)   /   9   5+ 3   7	E + 2 9 + 3 2 3 (10N06E24342)
	QUESTED: Please check the appropriate box(es) below to indeer possible list specific compounds suspected or required.	EXTRACTABLE SCREENS
(753) Alipha		1) Aliphatic Hydrocarbons
	atic & Halogenated Purgeables (76	0) Organochlorine Pesticides
(765) Mass (766) Trihal	- · · · · · · · · · · · · · · · · · · ·	5) Base/Neutral Extractables 8) Herbicides, Chlorophenoxy acid
·—· · ·		9) Herbicides, Triazines
ISI HE	ADSPACE (76	0) Organochlorine Pesticides
		1) Organophosphate Pesticides
		7) Polychlorinated Biphenyls (PCB's) 4) Polynuclear Aromatic Hydrocarbons
		2) SDWA Pesticides & Herbicides
Remarks:	OCD MW4	
FIELD DATA:		
pH=; Co	onductivity= $950$ umho/cm at $6$ °C; Chlorine Residue	al=mg/l
Dissolved Oxygen	n=mg/l; Alkalinity=mg/l; Flow Rate	
Depth to water	යර.62 ft.; Depth of well 335 ft.; Perforation Interval	ft.; Casing: 4"PVC
Sampling Location	on, Methods and Remarks (i.e. odors, etc.)	
$\rho$	umped 6 min	
activities (signatu This form accom	re results in this block accurately reflect the results of my for collector):  Methopanies  Septum Vials,  Glass Jugs, and/or  reserved as follows:	ield analyses, observations and od of Shipment to the Lab: About annual
NP:	No Preservation; Sample stored at room temperature.	
P-Ice	Sample stored in an ice bath (Not Frozen).	
P-Na S O 3 CHAIN OF CU	Sample Preserved with Sodium Thiosulfate to remove chlori	ine residual.
	nis sample was transferred from	to
	on	
	n this block are correct. Evidentiary Seals: Not Sealed	
	<del>-</del>	
For OCD U	lse: Date Owner Notified Phone	or Letter? Initials

This sample was tested using the analytical screening method	(s) checked below:
PURGEABLE SCREENS	EXTRACTABLE SCREENS
(753) Aliphatic Purgeables (1-3 Carbons)	(751) Aliphatic Hydrocarbons
(754) Aromatic & Halogenated Purgeables	(760) Organochlorine "Pesticides
·—·	(755) Base/Neutral Extractables
(765) Mass Spectrometer Purgeables	· · · · · · · · · · · · · · · · · · ·
(766) Trihalomethanes	(758) Herbicides, Chlorophenoxy acid
Other Specific Compounds or Classes	(759) Herbicides, Triazines
	(760) Organochlorine Pesticides
	(761) Organophosphate Pesticides
	(767) Polychlorinated Biphenyls (PCB's)
	(764) Polynuclear Aromatic Hydrocarbons
	(762) SDWA Pesticides & Herbicides
ANALYTIC	CAL RESULTS
COMPOUND(S) DETECTED CONC.	COMPOUND(S) DETECTED CONC.
	[PPB]
Natura Cas N.D.	
	-  [
aromatic Aurgeafles ND	
Le C -till by allow MID	
nalogenaled purguatus 100	
* DETECTION LIMIT * * Janu	
* DETECTION LIMIT * 1 5pm	+ DETECTION LIMIT + T / pp ls
ABBREVIATIONS USED:	$\mathcal{C}$
N D = NONE DETECTED AT OR ABOVE THE STATE	PED DETECTION LIMIT
T R = DETECTED AT A LEVEL BELOW THE STATE	
[ RESULTS IN BRACKETS ] ARE UNCONFIRMED AN	D/OR WITH APPROXIMATE QUANTITATION
LABORATORY REMARKS:	
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CERTIFICATE OF ANA	ALYTICAL PERSONNEL
Seal(s) Intact: Yes No N. Seal(s) broken by:	date:
I certify that I followed standard laboratory procedures on hand	
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O(-h,O)	- / / / / /
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I certify that I have reviewed and concur with the analytical r	
Reviewers signature: Jary C. Eden	•
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New Mexico Health and Fronment Department SCIENTIFIC LABORATO 700 Camino de Salud NE Albuquerque, NM 87106 — (505) 841-2555

FOR OCD USE -- Date Owner Notified

859

## PRIORITY Z CHERAL WATER CHEMISTRY and NITROGEN ANALYSIS

DATE RECEIVED 6	20 86 N	AB O. WC - 2780	USER 59300	o □ 59600 💢 o	_{THER:} 82	235		
Collection DATE 6 16 86		SITE INFORM- ►	Sample location	MONUMENT		100	mu	J 4
Collection TIME /54/		ATION	Collection site description	1			<del></del>	
Collected by — Person/A		y /OCD						
SEND N FINAL S REPORT S	NVIRONMEN NM OIL CONS State Land	TAL BUREAU SERVATION DIN Office Bldg, NM 87504-208	, PO Box 208	8				
Phon	e: 827 <b>-</b> 58	312			Station/ well code			
SAMPLING CO	NDITIONS	<u>-</u> -			Owner			
	È Pump □ Tap	Water level	20.62	Discharge		Sample typ	oe	
pH (00400)		Conductivity (Unco	rrected) 250 μmho	Water Temp. (00010)	°C	Conductivit	ty at 25°	C (00094) <i>µ</i> mho
Field comments	T-0 3	ਤੋ- ਓ	4" PV			· m	<u></u>	
						2		
CAMPLE FIELD	TOCATMEN	T. Chaolanaa	- havas					
No. of samples		T — Check prope  Whole sample	F: Filtered in	field with	mI II CO /	l addad		
submitted	/ X.NF	(Non-filtered)		mbrane filter A: 2	ml H₂SO₄/			
NA: No acid	d added 🗆 (	Other- <i>specify:</i>	□A:	5ml conc. HNO ₃ add	led □A	A: 4m1	fuming	; HNO ₃ added
ANALYTICAL R	ESULTS from			NF)			I I - l'A -	Data and the sale
NF, NA			Units Date analyze		37.7		Units	Date analyzed 6つ23
Conductivity (C 25°C (00095)	orrected)		ımho	Calcium (00915)  Magnesium (00925)	11.2 41.5		mg/l mg/l	j.
☐ Total non-filtera residue (susper (00530) ☐ Other: ☐ Other: ☐ Other: ☐ Other: ☐ NF, A-H₂SO₄			mg/l	Sodium (00930)  Potassium (00935)  Bicarbonate (00440)  Chloride (00945)  Sulfate (00945)  Total filterable residue (dissolved) (70300)  Other:   Other:   Chloride (00945)		1 12 60 05 7,3	mg/l mg/l mg/l mg/l mg/l	(4 Go/24 7/11 7/15 6/30 G/24
☐ Nitrate-N+, Nit	rate-N			F, A-H ₂ SO ₄				
total (00630)  Ammonia-N total  Total Kjeldahl-N  Chemical oxygedemand (00340  Total organic ca	 en ))		mg/l	Nitrate-N + , Nitrate-N dissolved (00631)  Ammonia-N dissolved (00608)  Total Kjeldahl-N  ( )  Other:			mg/l _ mg/l _ mg/l _	
☐ Other: ☐ Other:				Analyst	1 1	eported	Review	<u> </u>
					17/	6 80	K.	<del></del>
Laboratory remarks	·····							

## MONUMENT NIN

Prepared by Approved by

## RECENT SAMPLES FROM MONUMENTS DIST. SYSTEM

RECENT SAM	PLES	FI	20M 1	NONUM	EMTS 1	DisT. 5 - 5	YSTEM = 6
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ORGANICS							
1) PURGABLES						11 5 5	
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# SCIENDIFIC LABORATORY DIVIS 700 Camino de Salud NE Albuquerque, NM 87106 841-2570



REPORT TO: OSCAL Simpson S.L.D. No. OR- SUS-H-E.
REPORT TO: Oscat Simpson S.L.D. No. OR- SHE-H-E.  EID water Supply DATE REC. 7/1/1/1
P.O. 13 DX 968
P.O. 13 DX 968 Santa Fe, N.M. 87504-0968. PRIORITY 1,5
PHONE(S): 827-277 USER CODE: 52014
SUBMITTER: R. Ruffner CODE:
SAMPLE COLLECTION CODE: (YYMMDDHHMMIII) 8 6 0 7 2 2 1 1 1 2
SAMPLE COLLECTION CODE: (I FAMIDDHAMMII)   5   5   5   5   5   5   5   5   5
COUNTY: Lea ; CITY: Manument
LOCATION CODE: (Township-Range-Section-Tracts)
ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required.
PURGEABLE SCREENS EXTRACTABLE SCREENS
(758) Aliphatic Purgeables (1-3 Carbons) (751) Aliphatic Hydrocarbons
(754) Aromatic & Halogenated Purgeables (760) Organochlorine Pesticides
(765) Mass Spectrometer Purgeables (755) Base/Neutral Extractables (766) Trihalomethanes (758) Herbicides, Chlorophenoxy acid
Other Specific Compounds or Classes (759) Herbicides, Triazines
(760) Organochlorine Pesticides
(761) Organophosphate Pesticides
(767) Polychlorinated Biphenyls (PCB's)
(764) Polynuclear Aromatic Hydrocarbons
(762) SDWA Pesticides & Herbicides
Remarks:
PIELD DATA:
0
pH=; Conductivity=umho/cm atoC; Chlorine Residual=mg/l
Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate
Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate
Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate
Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate
Depth to watermg/l; Alkalinity=mg/l; Flow Rate
Depth to watermg/l; Alkalinity=mg/l; Flow Rate
Depth to watermg/l; Alkalinity=mg/l; Flow Rate
Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate
Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate
Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument Distribution: Monument Gracery  Deli Sink, told water line  I certify that the results in this block accurately reflect the results of my field analyses, observations and activities. (signature collector): Method of Shipment to the Lab:  This form accompanies Septum Vials, Glass Jugs, and/or  Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.
Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate/_  Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument Distribution: Monument Grecery  Deli Sink, told water line  I certify that the results in this block accurately reflect the results of my field analyses, observations and activities.(signature collector):
Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Monument Distribution: Monument Gracery  Deli Sink, told water line  I certify that the results in this block accurately reflect the results of my field analyses, observations and activities. (signature collector): Method of Shipment to the Lab:  This form accompanies Septum Vials, Glass Jugs, and/or  Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.
Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Menument Distribution: Memounent Gracery  Deli Sink, Cold water line  I certify that the results in this block accurately reflect the results of my field analyses, observations and activities.(signature collector):
Dissolved Oxygen=mg/l; Alkalinity=mg/l; Flow Rate
Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate  Depth to water ft.; Depth of well ft.; Perforation Interval - ft.; Casing:  Sampling Location, Methods and Remarks (i.e. odors, etc.)  Merron ent Distribution: Memory Grecely  Deli Sink, told water line  I certify that the results in this block accurately reflect the results of my field analyses, observations and activities (signature collector): Method of Shipment to the Lab:  This form accompanies Septum Vials, Glass Jugs, and/or  Samples were preserved as follows:  NP: No Preservation; Sample stored at room temperature.  P-Ice Sample stored in an ice bath (Not Frozen).  P-Na S O Sample Preserved with Sodium Thiosulfate to remove chlorine residual.  CHAIN OF CUSTODY  I certify that this sample was transferred from to
Depth to waterft.; Depth of wellft.; Perforation Intervalft.; Casing:

This sample was tested using the analytical screen	ning method(s)	checked below:	
PURGEABLE SCREENS  (753) Aliphatic Purgeables (1-3 Carbons)  (754) Aromatic & Halogenated Purgeables  (765) Mass Spectrometer Purgeables  (766) Trihalomethanes  Other Specific Compounds or Classes		EXTRACTABLE SCREENS  (751) Aliphatic Hydrocarbons  (760) Organochlorine Pesticides  (755) Base/Neutral Extractables  (758) Herbicides, Chlorophenoxy acid  (759) Herbicides, Triazines  (760) Organochlorine Pesticides  (761) Organophosphate Pesticides  (767) Polychlorinated Biphenyls (PCB's)  (764) Polynuclear Aromatic Hydrocarbons  (762) SDWA Pesticides & Herbicides	
AN	<u>ALYTIC</u>	AL RESULTS	
COMPOUND(S) DETECTED	CONC. [PPB]	COMPOUND(S) DETECTED	CONC. [PPB]
are to be selled	MD		11 1 13
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* DETECTION LIMIT * *	1 och	+ DETECTION LIMIT +	
ABBREVIATIONS USED:  N D = NONE DETECTED AT OR ABOVE T R = DETECTED AT A LEVEL BELOW [ RESULTS IN BRACKETS ] ARE UNCONI	THE STATEI	D DETECTION LIMIT (NOT CONFIRMED) OR WITH APPROXIMATE QUANTITATION	<del>(</del> ,
			······································
CERTIFICA	TE OF ANAL	YTICAL PERSONNEL	
Seal(s) Intact: Yes No Seal(s) broken be I certify that I followed standard laboratory proceduthat the statements on this page accurately reflect Date(s) of analysis:	y: ires on handlin the analytical	date:  date:  g and analysis of this sample unless otherwise note  results for this sample.	d and
I certify that I have reviewed and concur with the			block.
Reviewers signature: 17 17 19 19 19 19 19 19 19 19 19 19 19 19 19	-		

86-0850-C

## SCIENTIFIC LABORATORY DIVISION

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



STATE OF NEW MEXICO

REPORT TO: OSCAV Simpson S.L.D. No. OR- Drg - 850 DATE REC. 7-28-86 Santa Fe., N.M. 87504-0962 PRIORITY 1,5 827 - 2777 USER CODE: |5|2|6|1|4| PHONE(S): Don Lotiens SUBMITTER: ____ CODE: | | | SAMPLE COLLECTION CODE: (YYMMDDHHMMIII) | 8 6 0 7 2 7 1 6 4 0 SAMPLE TYPE: WATER , SOIL , FOOD , OTHER:___ COUNTY: Lea ; CITY: Monument LOCATION CODE: (Township-Range-Section-Tracts) 1 / 1915 + 3171E+ 219+ 1 1 (10N06E24342) ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required. PURGEABLE SCREENS EXTRACTABLE SCREENS (753) Aliphatic Purgeables (1-3 Carbons) (751) Aliphatic Hydrocarbons (754) Aromatic & Halogenated Purgeables (760) Organochlorine Pesticides [ (765) Mass Spectrometer Purgeables (755) Base/Neutral Extractables [ (766) Trihalomethanes (758) Herbicides, Chlorophenoxy acid Other Specific Compounds or Classes (759) Herbicides, Triazines (760) Organochlorine Pesticides [ (761) Organophosphate Pesticides (767) Polychlorinated Biphenyls (PCB's) [ (764) Polynuclear Aromatic Hydrocarbons (762) SDWA Pesticides & Herbicides FIELD DATA: pH= 7135; Conductivity= umho/cm at 23°C; Chlorine Residual= mg/l Dissolved Oxygen=___mg/l; Alkalinity=__mg/l; Flow Rate_____ Depth to water ____ft.; Depth of well____ft.; Perforation Interval ____ft.; Casing: Sampling Location, Methods and Remarks (i.e. odors, etc.) WETER Slightly miky from bubbles. Impossible to get all bibble: O.T. Oil Patch Cafe of Mile ENE of Holding Tank I certify that the results in this block accurately reflect the results of my field analyses, observations and activities.(signature collector): To Lulyan Method of Shipment to the Lab: Mess-Air

This form accompanies Z Septum Vials, Glass Jugs, and/or Samples were preserved as follows: NP: No Preservation; Sample stored at room temperature. Sample stored in an ice bath (Not Frozen). P-Na S_O Sample Preserved with Sodium Thiosulfate to remove chlorine residual. CHAIN OF CUSTODY I certify that this sample was transferred from ______ to ____ on ______ and that the statements in this block are correct. Evidentiary Seals: Not Sealed Seals Intact: Yes No Signatures

## ANALYSES PERFORMED

LAB. No.: OR- 850

	This sample	was tested using the analytical screen	ing method(s)	checked below:	
<b>4.</b>	(754) A (765) M (766) T	PURGEABLE SCREENS  liphatic Purgeables (1-3 Carbons)  romatic & Halogenated Purgeables  (ass Spectrometer Purgeables  rihalomethanes  Other Specific Compounds or Classes	J	EXTRACTABLE SCREENS  (751) Aliphatic Hydrocarbons  (760) Organochlorine Pesticides  (755) Base/Neutral Extractables  (758) Herbicides, Chlorophenoxy acid  (759) Herbicides, Triazines  (760) Organochlorine Pesticides  (761) Organophosphate Pesticides  (767) Polychlorinated Biphenyls (PCB's)  (764) Polynuclear Aromatic Hydrocarbons  (762) SDWA Pesticides & Herbicides	
				L RESULTS	
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I	certify that I	followed standard laboratory procedur	es on handling	and analysis of this sample unless otherwise noted	and
		nents on this page accurately reflect th	^	\	!
Da	ate(s) of anal	ysis: <u>26 July 66</u> . Analyst's sig	nature:	touring	
I	certify that l	have reviewed and concur with the	analytical result	s for this sample and with the statements in this	block.
Re	viewers signa	ture: & Meyerhen	<u></u>	_	
		· //			

86 · 0851-C

## SCIENTIFIC LABORATORY DIVISION

700 Camino de Salud NE Albuquerque, NM 87106 841-2570



REPORT TO:	Osear Surpson	S.L.D. No. OR- <u>Org</u> - 851
· · · · · · · · · · · · · · · · · · ·	EID, water Supply	DATE REC. 7-28-86
	P.O. BOX 968	
		PRIORITY //3
PHONE(S):	827-2777 USER CO Don Lotjens CO	ODE: 52014
SUBMITTER:	J.	
SAMPLE COLLE	ection code: ( $\frac{7}{2}$	17110111
	: WATER , SOIL , FOOD , OTHER:	
COUNTY:	Lea ; CITY: Monument	_ 0
LOCATION COL	DE: (Township-Range-Section-Tracts) $\frac{195+37}{5+37}$	2 7 +     (10N06E24342)
	QUESTED: Please check the appropriate box(es) below to indicate	the type of analytical screens
required. Whenev	ver possible list specific compounds suspected or required.  PURGEABLE SCREENS  EXTR	ACTABLE SCREENS
(753) Alipha		iphatic Hydrocarbons
(754) Aroma	atic & Halogenated Purgeables (760) Or	ganochlorine Pesticides
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(766) Trihal	liquid V	rbicides, Chlorophenoxy acid
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PIELD DATA:  pH=; Co Dissolved Oxygen  Depth to water  Sampling Locatio	onductivity=umho/cm at°C; Chlorine Residual= n=mg/l; Alkalinity=mg/l; Flow Rate ft.; Depth of wellft.; Perforation Interval	mg/lft.; Casing:
PIELD DATA:  pH=; Co Dissolved Oxygen  Depth to water  Sampling Locatio	onductivity=umho/cm at°C; Chlorine Residual= n=mg/l; Alkalinity=mg/l; Flow Rate ft.; Depth of wellft.; Perforation Interval	mg/lft.; Casing:
PIELD DATA:  pH=; Co  Dissolved Oxygen  Depth to water  Sampling Location    Sahby   B	onductivity=umho/cm atOC; Chlorine Residual=  n=mg/l; Alkalinity=mg/l; Flow Rate  ft.; Depth of wellft.; Perforation Intervalon, Methods and Remarks (i.e. odors, etc.)  Fates Kitchen Sin/k. About 70 yaro	mg/l ft.; Casing: s Siv of Holding Tanks  nalyses, observations and
PIELD DATA:  pH=; Co  Dissolved Oxygen  Depth to water  Sampling Location    Sahby   B	onductivity=umho/cm atOC; Chlorine Residual=  n=mg/l; Alkalinity=mg/l; Flow Rate  ft.; Depth of wellft.; Perforation Intervalon, Methods and Remarks (i.e. odors, etc.)  Fates Kitchen Sin/k. About 70 yaro	mg/l ft.; Casing: s Siv of Holding Tanks  nalyses, observations and
PIELD DATA:  pH=; Co  Dissolved Oxygen  Depth to water  Sampling Location    Sahby   B	onductivity=umho/cm atOC; Chlorine Residual=  n=mg/l; Alkalinity=mg/l; Flow Rate  ft.; Depth of wellft.; Perforation Intervalon, Methods and Remarks (i.e. odors, etc.)  Fates Kitchen Sin/k. About 70 yaro	mg/l ft.; Casing: s Siv of Holding Tanks  nalyses, observations and
PIELD DATA:  pH=; Co  Dissolved Oxygen  Depth to water  Sampling Location    Bobby   B  I certify that the activities (signature)  This form accommoders	onductivity=umho/cm atOC; Chlorine Residual= n=mg/l; Alkalinity=mg/l; Flow Rateft.; Depth of wellft.; Perforation Interval on, Methods and Remarks (i.e. odors, etc.) Sates Kitchen Sin/k. About 70 yaro	mg/l ft.; Casing: s Siv of Holding Tanks  nalyses, observations and
PIELD DATA:  pH=; Co  Dissolved Oxygen  Depth to water  Sampling Location  Bobby B  I certify that the activities (signature This form accome Samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples were presented by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by the second samples by t	onductivity=umho/cm_atOC; Chlorine Residual=  m=mg/l; Alkalinity=mg/l; Flow Rate  ft.; Depth of wellft.; Perforation Interval  on, Methods and Remarks (i.e. odors, etc.)  Fates Kitchen Sin/k. About 70 yaro  the results in this block accurately reflect the results of my field a recollector): Don Method of the panies Septum Vials, Glass Jugs, and/or reserved as follows:  No Preservation; Sample stored at room temperature.	mg/l ft.; Casing: s Siv of Holding Tanks  nalyses, observations and
PIELD DATA:  pH=; Co  Dissolved Oxygen  Depth to water  Sampling Location  Bobby B  I certify that the activities (signature)  This form accoms  Samples were properties.	onductivity=umho/cm atOC; Chlorine Residual=  m=mg/l; Alkalinity=mg/l; Flow Rate  ft.; Depth of wellft.; Perforation Interval  on, Methods and Remarks (i.e. odors, etc.)  Sates Kitchen Sin/k. About 70 yaro  the results in this block accurately reflect the results of my field a re collector): Don July Method of mpanies Septum Vials! Glass Jugs, and/or reserved as follows:  No Preservation; Sample stored at room temperature.  Sample stored in an ice bath (Not Frozen).	mg/l ft.; Casing:
PIELD DATA:  pH=; Co Dissolved Oxygen  Depth to water  Sampling Location  Bobby B  I certify that the activities (signature)  This form accoms  Samples were properties of the properties o	onductivity=mmo/cm atC; Chlorine Residual=mmg/l; Alkalinity=mg/l; Flow Rate	mg/l ft.; Casing:
PIELD DATA:  pH=; Co  Dissolved Oxygen  Depth to water  Sampling Location    Sabby   S    I certify that the activities (signature)  This form accomes samples were properties.    P-Ice	onductivity=umho/cm atOC; Chlorine Residual=  m=mg/l; Alkalinity=mg/l; Flow Rate ft.; Depth of wellft.; Perforation Interval  on, Methods and Remarks (i.e. odors, etc.)  **Tales Kitchen Sin/k, About Mayara  the results in this block accurately reflect the results of my field a re collector): **Ton Luty ** Method of panies Septum Vials, Glass Jugs, and/or  reserved as follows:  No Preservation; Sample stored at room temperature.  Sample stored in an ice bath (Not Frozen).  Sample Preserved with Sodium Thiosulfate to remove chlorine reservation;	mg/l  J ft.; Casing:  // Siv of Holding Tanks  nalyses, observations and Shipment to the Lab:  sidual.
PIELD DATA:  pH=; Co  Dissolved Oxygen  Depth to water  Sampling Location    Sabby   S    I certify that the activities (signature)  This form accomes samples were properties.    P-Ice	onductivity=	mg/l  J ft.; Casing:  // Siv of Holding Tanks  nalyses, observations and Shipment to the Lab:  sidual.
PIELD DATA:  pH=; Co Dissolved Oxygen  Depth to water  Sampling Locatio    Bobby   B    I certify that the activities (signature)  This form accoms Samples were proposed in Properation in Properation of CUS  I certify that the at (location)	onductivity=umho/cm atOC; Chlorine Residual=  m=mg/l; Alkalinity=mg/l; Flow Rate ft.; Depth of wellft.; Perforation Interval  on, Methods and Remarks (i.e. odors, etc.)  **Tales Kitchen Sin/k, About Mayara  the results in this block accurately reflect the results of my field a re collector): **Ton Luty ** Method of panies Septum Vials, Glass Jugs, and/or  reserved as follows:  No Preservation; Sample stored at room temperature.  Sample stored in an ice bath (Not Frozen).  Sample Preserved with Sodium Thiosulfate to remove chlorine reservation;	mg/l ft.; Casing:
PIELD DATA:  pH=; Co Dissolved Oxygen  Depth to water  Sampling Locatio    Bobby   B    I certify that the activities (signature)  This form accoms Samples were proposed in Properation in Properation of CUS  I certify that the at (location)	onductivity=umho/cm_at°C; Chlorine Residual=  m=mg/l; Alkalinity=mg/l; Flow Rate ft.; Depth of wellft.; Perforation Interval on, Methods and Remarks (i.e. odors, etc.)  Sates Kitchen Sink, About 70 yard  the results in this block accurately reflect the results of my field a re collector): For Method of apanies Septum Vials, Glass Jugs, and/or reserved as follows:  No Preservation; Sample stored at room temperature.  Sample stored in an ice bath (Not Frozen).  Sample Preserved with Sodium Thiosulfate to remove chlorine reserved.  Sample was transferred from on	mg/l ft.; Casing:

### **ANALYSES PERFORMED**

LAB. No.: OR- 851

### THIS PAGE FOR LABORATORY RESULTS ONLY

This sample was tested using the analytical scree	ning method(s)	:hecked below:	
PURGEABLE SCREENS		EXTRACTABLE SCREENS	
(753) Aliphatic Purgeables (1-3 Carbons)		(751) Aliphatic Hydrocarbons	
(754) Aromatic & Halogenated Purgeables		(760) Organochlorine Pesticides	
/ ~			
(765) Mass Spectrometer Purgeables	•	(755) Base/Neutral Extractables	
[_] (766) Trihalomethanes		(758) Herbicides, Chlorophenoxy acid	
Other Specific Compounds or Classes		(759) Herbicides, Triazines	
		(760) Organochlorine Pesticides	
		(761) Organophosphate Pesticides	
	<del></del>	(767) Polychlorinated Biphenyls (PCB's)	
	***	(764) Polynuclear Aromatic Hydrocarbons	
		(762) SDWA Pesticides & Herbicides	
1			
AN	<u>ALYTICAL</u>	RESULTS	
COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC.
COMI COND(S) DETECTED		COMI COND (b) DEILECTED	[PPB]
	[PPB]		TEF DI
halogenated purgeaties	ND		1
(10)			
aromalic purgeables!	<u> </u>		
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<u> </u>	┦ <del>╶</del> ╱	1	
* DETECTION LIMIT * *	1/00/0	+ DETECTION LIMIT +	
	77		
ABBREVIATIONS USED:			
N D = NONE DETECTED AT OR ABOVE	THE STATED	DETECTION LIMIT	
T R = DETECTED AT A LEVEL BELOW	THE STATED	DETECTION LIMIT (NOT CONFIRMED)	
[ RESULTS IN BRACKETS ] ARE UNCON	FIRMED AND/O	R WITH APPROXIMATE QUANTITATION	
LABORATORY REMARKS:			
MIDGIGATORE REMARKS.			
			·
CERTIFICA	TE OF ANALYI	MICAL PERSONNEL	
Saule) Intact: Ves [ ] No [ ] Saule) broken b	***	data	
Seal(s) Intact: Yes No No Seal(s) broken b	J	quie;	
I certify that I followed standard laboratory procedu			ea and
that the statements on this page accurately reflect	the analytical res	ults for this sample.	
Date(e) of analysis 200 1/40/	onature W	tar and Gu	
Date(s) of analysis: 25 Jule . Analyst's si I certify that I have reviewed and concur with the	Bilature.	- Luring	
I certify that I have reviewed and concur with the	analytical results	s for this sample and with the statements in thi	s block.
Reviewers signature: K Meyerhelm			

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### MONUMENT N.M.

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PARAMETERS	LAB#	1 /	23-E		86-765	1	
	1 1 1 . 1						
OR GANICS							
NATURAL GAS					1/0		
PURGEABLES							
A) A ROMATIC	1		N/O		NO		1
P) HALOGENATED			W/O		N/O		1
DECTION Limit			0.001PPM		0.00188M		
ENFRAL CHEMISTRY							1
	!				1		!
SODIUM			59.8	rpm	69 PP111		
POTASSIUM			3.9	ppm	3.12 Pm		1
FOTAL HARDA			436	PPM			1
CA L Cium		1	142	PPM	161.6 Ppm		
MAGNESIU	m		49.1	PPM	21.00 pm		:
CHLORIDE			211.4	PPM	244 OPM	CL	
FLUORIPE	h 1		0.97	PEM			
ALKALINITY			2//	ppm			
BIEARBONA	11 1 1 1		258	PPM	262 ppm		
CARBONAT	fi	· i i i	0.0	orm			
SUL FATE	11 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	45.2	PPM	560 PPMI		
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PH		:     ;	7.03	PPM			
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FMM ENIA TOTAL KJEL					0.56 000		
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### SCI TIFIC LABORATORY DIV

Albuquerque, NM 87106 841-2570



STATE OF NEW MEXICO

REPORT TO:	David Boyer	s.L.D. No. OR- 765- 7B
	N.M. Oil Conservation Division	DATE REC. 6/20/86
	P. O. Box 2088	
	Santa Fe, N.M. 87504-2088	priority _2
PHONE(S):	827-5812 USER	CODE: 8 2 2 3 5
SUBMITTER:	David Boyer	CODE:  2   6   0
SAMPLE COLLE	ection code: (yymmddhhmmiii)   8 6 0 6 /	61/14/210/JBI
SAMPLE TYPE:	WATER [X], SOIL [], FOOD [], OTHER:	CODE:
COUNTY:	EA ; CITY: MONUMENT	CODE:
LOCATION COL	E: (Township-Range-Section-Tracts)   / 9 5 + 3 7   6	5 + 2 9 + 1 4 3 (10N06E24342)
	QUESTED: Please check the appropriate box(es) below to indic	ate the type of analytical screens
required. Whenev	rer possible list specific compounds suspected or required.  PURGEABLE SCREENS  E	XTRACTABLE SCREENS
(753) Alipha	tic Purgeables (1-3 Carbons) [ (751)	Aliphatic Hydrocarbons
(754) Aroma		Organochlorine Pesticides
		Base/Neutral Extractables
[_  (766) Trihal	l-mail	Herbicides, Chlorophenoxy acid Herbicides, Triazines
< / /		Organochlorine Pesticides
		Organophosphate Pesticides
	(767)	Polychlorinated Biphenyls (PCB's)
		Polynuclear Aromatic Hydrocarbons
	[ 762)	SDWA Pesticides & Herbicides
Remarks:	CO REPLACEMENT WELL	
FIELD DATA:		
pH=; C	onductivity= $\sqrt{230}$ umho/cm at $25$ °C; Chlorine Residual:	mg/l
Dissolved Oxygen	n=mg/l; Alkalinity=mg/l; Flow Rate	
Depth to water	/ S. / ft.; Depth of wellft.; Perforation Interval	- ft.; Casing: 6" PVC
Sampling Location	on, Methods and Remarks (i.e. odors, etc.)	
	Pumped 6 min	
I certify that th	ne results in this block accurately reflect the results of my fiel	ld analyses, observations and
activities.(signatu	re collector) Bulley Method	d of Shipment to the Lab: Hongo Carried
This form accon	npanies Septum Vials, Glass Jugs, and/or	
	reserved as follows:	
_  NP:  X P-Ice	No Preservation; Sample stored at room temperature.  Sample stored in an ice bath (Not Frozen).	
-	Sample Preserved with Sodium Thiosulfate to remove chloring	e residual.
CHAIN OF 2 CU		
I certify that th	nis sample was transferred from	to
at (location)	on	and that
the statements i	n this block are correct. Evidentiary Seals: Not Sealed S	Seals Intact: Yes No
Signatures	·	

For OCD Use: Date Owner Notified Phone or Letter? Initials



LAB. No.: OR- 765

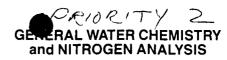
### THIS PAGE FOR LABORATORY RESULTS ONLY

This sample was tested using the analytical screen	ning method(s)	checked below:	
PURGEABLE SCREENS		EXTRACTABLE SCREENS	
V (753) Aliphatic Purgeables (1-3 Carbons)		(751) Aliphatic Hydrocarbons	
(754) Aromatic & Halogenated Purgeables		(760) Organochlorine Pesticides	
(765) Mass Spectrometer Purgeables		(755) Base/Neutral Extractables	
(766) Trihalomethanes		(758) Herbicides, Chlorophenoxy acid	
Other Specific Compounds or Classes		(759) Herbicides, Triazines	
		(760) Organochlorine Pesticides	
		(761) Organophosphate Pesticides	
		(767) Polychlorinated Biphenyls (PCB's)	
		(764) Polynuclear Aromatic Hydrocarbons	
		(762) SDWA Pesticides & Herbicides	
A NI	A I VTICA	L RESULTS	
AW	ALTITCA	IL KLOULIS	
COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC.
	(MPB)		[PPB]
hotus of o	N.D.		]
- Halles Sas	10.0.		
aromatic burneables	11/04		l
a conaise polyvarus	A/D +		
halogenated purgeables	10.0		
90	1	}	
	]		
AL.			
* DETECTION LIMIT * *	Spare	+ DETECTION LIMIT +	1 day
ABBREVIATIONS USED:	* *	•	′ / /
N D = NONE DETECTED AT OR ABOVE	THE STATE	DETECTION LIMIT	
T R = DETECTED AT A LEVEL BELOW			
[ RESULTS IN BRACKETS ] ARE UNCONF		•	
( tessos in statement   mes encom	THE THEO,	Sit With All Horiwall Gomestianion	
LABORATORY REMARKS:			
GED THEIGA	TE OF 43444	WINDLE DEPOSITION	
CERTIFICA	LE OF ANALY	TICAL PERSONNEL	
Seal(s) Intact: Yes No No Seal(s) broken by	/:	date:	
I certify that I followed standard laboratory procedure	res on handling		l and
that the statements, on this page accurately reflect t	he analytical re	esults for this sample.	
Date(s) of analysis: 6/27/66. Analyst's sig	znature:	S Decruce of Firmon	
I certify that I have reviewed and concur with the	analytical resul	ts for this sample and with the statements in this	block.
Reviewers signature: Janu C. Calen		·	
77			



New Mexico Health and Enyment Department SCIENTIFIC LABORATORY ISION 700 Camino de Salud NE Albuquerque, NM 87106 — (505) 841-2555



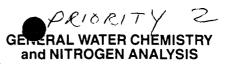


DATE RECEIVED (	20 86 N	AB 0. ωC - 2778	USER CODE _ 59306	o □ 59600 💢 X o	OTHER: 82	235	
Collection DATE		SITE INFORM- ►	Sample location	MONUMENT			
Collection TIME		ATION	Collection site description	ره			
Collected by — Person/Ag	SEAY	/OCD		OCO RE	FLACE	MENT	WELL
SEND N FINAL S REPORT TO S	NVIRONMENT M OIL CONS tate Land anta Fe, 1	SERVATION DIV Office Bldg, NM 87504-208 Ver	, PO Box 208	8	Station/		
Phon		512			Well code Owner	· · · · · · · · · · · · · · · · · · ·	
SAMPLING CON  Bailed	Pump	Water level		Discharge	1	Sample type	
	☐ Tap	VValer level /8	7.45	Discharge		Sample type	
pH (00400)		Conductivity (Unco		Water Temp. (00010)	<del>2</del> 5 ℃	Conductivity at 25°	°C (00094) µmho
Field comments	Pumps			" PVC USG		NC 8m	<u> </u>
SAMPLE FIELD	TREATMEN	Г — Check prope	r boxes				
No. of samples submitted	/ ANF		F. Filtered in	field with	2 ml H₂SO₄/	L added	
NA: No acid	dadded 🗆 C	Other-specify:	□ A:	5ml conc. HNO3 ac	lded □	A: 4ml fumin	g HNO ₃ added
ANALYTICAL RI	ESULTS from		Units Date analyze			Units	Date analyzed
☐ Conductivity (Co 25°C (00095)	<u> </u>		umho	Calcium (00915)  Magnesïum (00925)  Sodium (00930)	69	mg/lmg/l _	6-23 4
☐ Total non-filterat residue (suspen (00530) ☐ Other:			mg/l	Potassium (00935) Bicarbonate (00440 Chloride (00940)	24	2 mg/lmg/l	1 0/24 7/11 7/15
☐ Other: ☐ Other:				Sulfate (00945) Total filterable residu (dissolved) (70300) COther: CO3			5/15 6/30
NF, A-H₂SO₄						-	
☐ Nitrate-N + , Nit total (00630) ☐ Ammonia-N total Total Kjeldahl-N ( ) ☐ Chemical oxygedemand (00340 ☐ Total organic ca ( )	al (00610)		mg/lmg/lmg/lmg/l	F, A-H ₂ SO ₄ Nitrate-N + , Nitrate-dissolved (00631) Ammonia-N dissolved (00608) Total Kjeldahl-N ( ) Other:		mg/l _ mg/l _ mg/l _	
Other: Other:				Analyst		eported Review	yed by
Laboratory remarks	· · · · · · · · · · · · · · · · · · ·						
FOR OCD USE	Date (	Owner Notifie	ed	Phone or Lett	er?	Initals	5



New Mexico Health and English ment Department SCIENTIFIC LABORATORY ISION 700 Camino de Salud NE Albuquerque, NM 87106 — (505) 841-2555

8579



DATE		<b>ND</b>	LICED				
RECEIVED 6	20 86 N	AB O. <i>WC-2777</i>	USER CODE _ 59300	o 🗆 59600 🕅 O	THER: 82	235	
Collection DATE    O   16   8   6     Collection TIME		SITE INFORM- ► ATION	Sample location	MONUMEN	;		
Collected by — Person/	Agency	/OCD	Collection site description	OCO RE	PLACE	MENT	WELL
BAILE	Y/SEAY	7000			]		
SEND FINAL REPORT TO	State Land Santa Fe,	TAL BUREAU SERVATION DIV Office Bldg, NM 87504-208	, PO Box 208 8				
	ne: 827-58				Station/ well code		
SAMPLING CO		712			Owner		
☐ Bailed ☐ Dipped	Pump ☐ Tap	Water level	18.45	Discharge		Sample type	
pH (00400)		Conductivity (Unco	rrected)	Water Temp. (00010)		Conductivity at 25°	°C (00094)
Field comments			1230 µmho		25 ℃		μmho
No. of samples submitted	D TREATMEN'	(Non-Iliterea)	□ <b>F:</b> Filtered in 0.45 μme	field with A: 2 mbrane filter MNO ₃ ad	ml H₂SO₄/		g HNO ₃ added
ANALYTICAL I	RESULTS from		Units Date analyze			Units	Date analyzed
☐ Conductivity (1 25°C (00095)	Corrected)		umho	☐ Calcium (00915)		mg/l _	
☐ Total non-filter residue (suspe (00530) ☐ Other: ☐ Other: ☐ Other:		,	mg/l	□ Magnesium (00925) □ Sodium (00930) □ Potassium (00935) □ Bicarbonate (00440) □ Chloride (00940) □ Sulfate (00945) □ Total filterable residue (dissolved) (70300) □ Other:		mg/l _ mg/l _ mg/l _	
NF, A-H₂SO₄				Other.			
Nitrate-N + N total (00630)  Ammonia-N to Total Kjeldahl-  ( )  Chemical oxygeneral (0034)  Total organic of ( )	otal (00610) N gen 40)	0.26	mg/l 7/1 mg/l 6-29 mg/l 7-16 mg/l	F, A-H ₂ SO ₄ Nitrate-N + , Nitrate-dissolved (00631) Ammonia-N dissolved (00608) Total Kjeldahl-N () Other:		mg/l _	
☐ Other: ☐ Other:				Analyst	1 1	eported Review	
Laboratory remark	ks						
FOR OCD US	E Date (	Owner Notifie	:d	Phone or Lette	er?	Initals	<u> </u>

	Please Sendacopy to Hobbs EID	
;	REPORT TO: OSCAR SIMPSON LABORATORY Organic	
	REPORT TO: OSCAR SIMPSON LABORATORY Organic LAB NUMBER ORG-123-17, E  SANTA FR  SLD Users Code No. 52040	
	ALL CONTAINERS WHICH THIS FORM ACCOMPANIES ARE COLLECTIVELY REFERRED TO AS "SAMPLE".	<u>.                                    </u>
	CERTIFICATE OF FIELD PERSONNEL	
	Sample Type: Water Soil Other	····
	Water Supply and/or Code No. Monument Contingency Well	
	City & County MONUMENT Lea Collected (date & time) 11:00 AM 2-12-85 By (name) T. Buit	
	pH=; Conductivity=umho/cm at°C; Chlorine Residual=	
	Dissolved Overen mg/1: Alkalinity : Flow Rate 45 6P	M
	Dissolved Oxygen= mg/l; Alkalinity= ; Flow Rate= 45 GP Sampling Location, Methods & Remarks (i.e. odors etc.)  Well #6 MonumenT	
	I certify that the statements in this block accurately reflect the results of my fie analyses, observations and activities. Signed with the statements in this block. Signed	eld ncur
	Method of Shipment to Laboratory  THIS FORM ACCOMPANIES  septum vials with teflon-lined discs identified as:  specimen Norument; duplicate ; triplicate ; blank(s)  and amber glass jug(s) with teflon-lined cap(s) identified as  and other container(s) (describe) identified as  Containers are marked as follows to indicate preservation (circle):  NP: No preservation; sample stored at room temperature (~20°C).	
۲,	NP: No preservation; sample stored at room temperature (~20°C). Sample stored in an ice bath. P-Na $_2$ 0 $_3$ S $_2$ : Sample preserved with 3 mg Na $_2$ 0 $_3$ S $_2$ /40 ml and stored at room temperature	е.
	CERTIFICATE(S) OF SAMPLE RECEIPT	
	I (we) certify that this sample was transferred from	to
	at (location)	
	(date & time) and that the statements in this block are correct.	
	Disposition of Sample Seal(s) Intact: Yes \(\sigma\) No \(\sigma\)	•
	Signature(s)	_
	I (we) certify that this sample was transferred from	
	at (location)	
	(date & time) and that the statements in this block are correct.	
	Disposition of Sample . Seal(s) Intact: Yes No No Standard (s)	•
	Signature(s) DECISIONE	<u>~</u>
	MAR 0 4 1985	

MAR U 4 1983

WATER SUPPLY REGULATION

PL	EASE	YSES REQUESTED CHECK THE APPROPRIATE ED. WHENEVER POSSIBLE			ATE 7		
QUALITATIVE	QUANTITATIVE	PURGEAI SCREE		QUAL ITATIVE	QUANTITATIVE	EXTRACTAI SCREEN	<del>-</del> <del></del>
nd	м > >	ALIPHATIC HYDROCARBON AROMATIC HYDROCARBON HALOGENATED HYDROCARI GAS CHROMATOGRAPH/MAS	N SCREEN SCREEN BON SCREEN	100	10	ALIPHATIC HYDROCAL CHLORINATED HYDROC CHLOROPHENOXY ACII HYDROCARBON FUEL S ORGANOPHOSPHATE PI POLYCHLORINATED BI POLYCHLORINATED BI POLYNUCLEAR AROMAT TRIAZINE HERBICIDE	RBONS CARBON PESTICIDES D HERBICIDES SCREEN ESTICIDES LPHENYLS (PCB's) FIC HYDROCARBONS
!		SPECIFIC COMP	POUNDS			SPECIFIC COMP	POUNDS
REM	ARKS	: Please Run Ga	s chromatou	3 t A p	1 4 i	Ftime permits	
		A	NALYTICAL	RE	SUL	_TS	
at	75. 7	1POUND atic purgeables vatir purgeables	[PPB]  hone tested  hone tested	С	:OMI	POUND	[PPB]
		7 0					
F	REMA	RKS: No purgeaft	es detected	* Reg	DETE	ECTION LIMIT	1 rign/2
I con sam	ertii ple u this e(s)	Intact: Yes NO Try that I followed starting the starting starting the starting starting starting in the starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting starting startin	and that the state the analytica Analys	n by: proceatement result's s:	edure nts i ults ignat	es on handling and are in this block and the for this sample.	e analytical data
		y that I have reviewed e statements in this b					this sample and

SLD user code No. 52040 PLEASE SEND COPY TO HOBBS EID

		-										
	SLD user code No. 52040	٠		Hadiological	,	ER X RAW WATER	Report to Game on RTD Mator Gunnal	y waret suppry		0968	-	-
HOBBS ELD	Lab No. 594	. / /		Organic	Check one:	TREATED WATER	rt to	car Oranpsons, pri	F. U. Box 968	Santa Fe, NM 87504-0968	LAT.	LONG
LEASE SEND CUFI IO HOBBS EID	Date received	, ,	AL ANALYSIS	ındary	County	Lea	Repor	SO	P	Sar	X Well-Depth	Other (specify)
			TYPE of CHEMICAL ANALYSIS	Complete Secondary		t, NM	marks				☐Spring ☐Lake	Ostream OPool
PHYSICAL ANALYSES	TER SAMPLES	with Ball Point Pen	AMETER GROUP		o. City or Location	Monument, NM	Collector's remarks	9 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			SOURCE: Spring	Orain
CHEMICAL and P		CONSULT SLD Lab Annex L for proper presentation of sample(s). TYPE or PRINT with Ball Point Pen	INTERIM PRIMARY PARAMETER GROUP		Water Supply System Code No.		in Point well # 6	Contingency Wellhead				☐ Non-community
74040		presentation	for analysis	ox(es]]		_	Collection Point		Owner			ommunity
State of New Mexico	SCIENTIFIC LABORATORY DIVISION	ab Annex L for proper	CHEMICAL Check individual items for analysis	[Mark appropriate box(es]]	Name	Monument Contingency Well	Collection Time	2-12-83 //: 60 4 61		er	1 (Check one)	PUBLIC: Community
State	SCI	CONSULT SLD L.	CHEMICAL	ANALYSES:	Water Supply System Name	Monument Co	Collection Date	2-17-83	Collected By	Roelf Ruffner	TYPE of SYSTEM (Check one)	▼ PRIVATE

l/bm				•		· •		•		•		•							j	·
ORGANIC	39390 Endrin	<u></u>	39732	A SECTION LINGSIE	38270	Methoxychlor	39400	loxaphene	39730	2, 4-0	39740	2, 4, 3-1P (Silvex)						/ " () ' ()	Klew	rted 3/5/85
TEST.		1,000	100	R SURE	NOIL		RADIOLOGICAL PCI/I	2	bCi/i		DCI/I	0	l/iDd					Reviewed by		Date reported
PARAMETER	) (6	7			NOILY	HELL	RADIOLO	Gross Alpha	03501	Gross Beta	09501	Radium-220	11501	Kadium-228					***************************************	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
l/gm			·	•		•		•		•				•	·	•				
HEAVY METALS	01000		01005		01025	כפתווות	01030	Caromium	01049	Lead	07180	Mercury	01145	Selenium	01075	Silver		,		
	l/bm			•		1076		703	,	}	l/6m	0.0	,					1	; ; ; ;	
PHYSICAL	70300	Filtera	38260	Agents (as Las)	00095	Micromhos 25°C	00400	Ta 	X 01330	Odor	080080		02000	i urbiality				1		
l/bm		21114		•		•		<u>ਕ</u>		2580		00		45.2		•		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	; ; ; ; ; ;	
ANIONS	00940	(as CI)	09600		00620		00430	(as CaCO ₃ )	00440	Bicarbonate (as HCO ₃ )	00445	(as CO ₃ )	00945	(as SO ₄ )				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
l/gm		5813		3.60		436		11/12	`	6.61		•		•			EMARKS:			
CATIONS	00030	(as Na)	00935	(as K)	00600	(as CaCO ₃ )	00915	7.04 (as Ca)	Dix adoth's	Magnesium (as Mg)	01045	3	01056				LABORATORY REMARKS:			
	,					1,			,		7	bec	Z.A	M	X			-		

PLEASE SEND COPY TO HOBBS EID

State of New Mexico
HEALTH and ENVIRONMENT DEPARTMENT
SCIENTIFIC
LABORATORY DIVISION

CHEMICAL and PHYSICAL ANALYSES for WATER SAMPLES

				1
	Date regeived.	Lab No.	SLD user code No. *	
	2/13/85	201-011	52040	
1	14/10	777		1

	Radiological		X RAW WATER	Water Supply		9968		-		l/gm		•		•		-		•										۷		
		one:	TREATED WATER	Simpson, EID, W	896	0 2 2 2	LAT.	CONG °		ORGANIC	39390	Endrin	39732	Lindane	38270	Methoxychior	39400	i o xabueus	39730	, , - <del>,</del>	39740	(Silvex)						by Blen	3/8/8/5	
	Organic		TR		Address P. O. Box					۱ .		<u>   [8</u> ]		3 (96) 8	1	SUREGION	8 8	lpha	pCi/I	era era	pCI/I		pCi/1					Reviewed by	Date reported	
,	AL ANALYSIS ndary	County	Lea				▼ Well-Depth	□Other (specify)		PARAMETER			1 1	1 84		WATER	REGULA RADIOI	Gross Alpha	03501	eross a	09501	. Innings	11501							
,	TYPE of CHEMICAL ANALYSIS  Complete Secondary						ig 🗆 Lake	m ⊟Pool	-	S mg/l		<u>.</u>		•		•				•		<u>.</u>	10	•	. 10	•				
oint Pen		City or Location	Monument	Collector's remarks	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		SOURCE: Spring	Drain		HEAVY METALS	01000	Arsenic	01005	Barid	01025	Cadillium	01030		01049	read Lead	07180		01145		01075	Silver				
PRINT with Ball Point Pen	Y PARAMETER C				T	-	SO			11	I/6m 0	esidue	0	(se)	00095	s 25°C			01		1/6m 0		0							
ple(s). TYPE or F	INTERIM PRIMARY PARAMETER GROUP  1  2	Water Supply System Code No.		Vell #0	2			Non-community		PHYSICAL	70300	Total Filterable Residue	3826	Agents (as Las)	6000	Mic	00400	L d	01330	OBO O	00000		00070							
esentation of sam	_	Water		Collection Point V	Owner					I/S mg/l		:1)	0;	and c	0;	2.67	00430	(as CaCO ₃ )	00440	(as HCO ₃ )	00445	(as CO ₃ )	51	04)						
CONSULT SLD Lab Annex L for proper presentation of sample(s). TYPE or	Check individual items for analysis [Mark appropriate box[es]]		ency Well	Collection Time			k one)	PUBLIC: Community		ANIONS		Chloride (as CI)	00950	(as F)	000620	(as N)	00430	Alka (as C	00440	elcar (as H	00445	(as	00945	(as SO ₄ )			Š.			
T SLD Lab Anne		Water Supply System Name	Cont	ح ح		Ruffner	TYPE of SYSTEM (Check one)			VS mg/l		um (a)	S.	(as K)	00600	(as CaCO ₃ )	5	a)	35	(as Mg)	01045	e)	01056 Manganese	ln)			JRY REMARKS			
CONSUL	CHEMICAL ANALYSES:	Water Supply	Monumer	Collection Date	Collected By	Roelf Ruffner	TYPE of	X PRIVATE		CATIONS	06600	Sodium (as Na)	00935	(as K)	00900	(as Ca	00915	(as Ca)	00925	(as Mg)	0104	(as Fe)	01056 Manga	(as Mn)			LABORATORY			

State of New Mexico
HEALTH and ENVIRONMENT DEPARTMENT
SCIENTIFIC
LABORATORY DIVISION

CHEMICAL and PHYSICAL ANALYSES for WATER SAMPLES

PLEASE SEND COPY TO HOBBS EID Date received

SLD user code No. 52040

CONSULT SLD	ab Annex L	for proper pres	sentation o	f sample(s	CONSULT SLD Lab Annex L for proper presentation of sample(s). TYPE or PRINT with Ball Point Pen	with Ball Poin			,			
CHEMICAL ANALYSES:	Check indivia [Mark app	Check individual items for analysis [Mark appropriate box [es]]	nafysis sJ	INTERI	INTERIM PRIMARY PARAMETER GROUP	AMETER GR( [		TYPE of CHEMICAL ANALYSIS  Complete Secondary	L ANALYSIS dary	Organic	U	Radiological
Water Supply System Name Monument Contingency Well	m Name Continger	ncy Well		Vater Supp	Water Supply System Code No.	ö	City or Location Monument		County	Check one:	Check one:	X RAW WATER
Collection Date	Collection Time	ξ	Collection Point	C. S.	wellhead Wellhead	Collect	Collector's remarks		x	6 2	Simpson, EID,	Water Suppl
Collected By Roelf Ruffner	ler		Owner			.				P. O. Box	x 968 x 968 min 87504.	8960-
TYPE of SYSTEM	M (Check one,	1e/				SOURCE	CE: Spring	Lake	X Well-Depth	1 :	LAT.	0070
X PRIVATE	PUBL	PUBLIC: 🔲 Community	unity	Non	Nón-community	□ Drain		Pool	Oother (specify).		LONG	,
				1								
CATIONS	mg/l	ANIONS		mg/l	PHYSICAL		HEAVY METALS	l/gm	PARAMETER		ORGANIC	l/bm
00030		00040			70300	l/6m	01000		X TCA P		39390	
Sodium (as Na)	•	Chloride (as CI)	<b>.</b>	•	Total Filterable Residue		Arsenic	•	A/# SCAN	24	Enarin	
00935		00030			38260		01005				39732	
(as K)	•	(as F)		•	Agents (as Las)	•	Barren	•			Lindane	
00600		00050	1		00095		01025		175		38270	
(as CaCO ₃ )		(as N)		•	Micromhos 25°C	D ()	Cadmium	1			Methoxychfor	•
00915		00430			00400		01030	101	RABAS	Septemberry	39400	
(as Ca)	•	(as CaCO ₃ )	co ₃ )		La		Curomiur		PR 1 dross Alph	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	loxaphene	
00925		00440			01330		01049		MOIL TO 3 GALVED FOR THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY	NOIL	39730	
Magnesium (as Mg)		Bicarbonate (as HCO ₃ )	onate O ₃ )	•	Odor		Fead	<b>j.</b>	PANOLEA III		2, 4-0	
01045		00445	5		00080	1/6m	07180	RE	09501	pCi/I	39740	
(as Fe)	•	(as CO ₃ )	o3)	•	20102	•	wercury	0	Kadium-22	0	(Silvex)	
01056		00945			00070		01145		11501	pCi/I		
(as Mn)	•	(as SO ₄ )	74)	•	anoiding.	•	limilaise —	0	Naululus Naululus Naululus Naululus Naululus Naululus Naululus Naululus Naululus Naululus Naululus Naululus Na	0		
	,						01075					
-			-	•	·		Silver	•				
LABORATOPY R	REMARKS:					_				<u> </u>	7	
	attack	relied	14	the S	Orean.	90				Reviewed b		
										Date reported	1/04 /85	
				2,0	TOTAL MILITE			0 0 41			70.00	

Lab Number: #N 240	Sample Code: Well #6
Date Submitted: 2/13/85	Date Reported; 4/04/8
By: Roelf Ruffner	Ву:
<u>Determinatio</u> n	Concentration (μg/ml)
Aluminum	4.10
Barium	0.16
Beryllium	4,10
Boron	0.15
Cadmium	4.10
Calcium	140.
Chromium	4.10
Cobalt	4.10
Copper	4.10
Iron	4.10
Lead	<.10
Magnesium	21.
Manganese	40.05
Molybdenum	4.10
Nickel	4.10
Silicon	23.
Silver	4.10
Strontium	1.3
Tin	4.10
Vanadium	4.10
Vttrium	4.10

Zinc

<.10



### STATE OF NEW MEXICO

### ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

TONEY ANAYA

POST OFFICE BOX 1990 HOESS, NEW MEXICO 88240 (505) 393-6161

OIL CONSERVATION DIVISION
Test Well #6

This well is located 1,000 feet NW of spill site Drill with 4 1/2" bit first to test then changed to 8 3/4" bit to complete

### Footage

0' - 1'	Top Soil
1' - 3'	Hard Caliche
3' - 19'	Soft Caliche
19' - 24'	Sand
24' - 26'	Clay & Sand - wet
26' - 60'	Gravel & Sand - good
	water formation

Had red clay at 57' - TD is 60' Ran 6'' PVC w/40' of perfs gravel packed with a Bentonile Cap - will cement later will test water quantity later - 85 ppm Cl

12-6-84 - Pump test on #6

: :

pump set @ 55 1/2 feet with a 3 hp pump  $1\ 1/2$ " discharge: 45 gallons per minues in 2 1/2 hrs field test was 200 ppm



Signature(s)



P.O. BOX 2088 LAND OFFICE BUILDING SANTA FE, NEW MEXICO 875 505-827-5812

LABORA SLD Priority 2 LAB NUMBER OR 1085, A.B.

SLD Users Code No.59600

CONTAINERS WHICH THIS FORM ACCOMPANIES ARE COLLECTIVELY REFERRED TO AS "SAMPLE". CERTIFICATE OF FIELD PERSONNEL Sample Type: Water Soil Other Water Supply and/or Code No. Monument Communication Log CT City & County MAN. Woll #20 Collected (date & time) 4 11280925 By (name) 10 15 R pH= ; Conductivity= umho/cm at *C: Chlorine Residual= _____; Flow Rate=____ Dissolved Oxygen= mg/l; Alkalinity= Sampling Location, Methods & Remarks (i.e. odors etc.) Mon. well \$20 (Bailed-Heavy Oil on water) I certify that the statements in this block accurately reflect the results of my field analyses, observations and activities. Signed Recorded that I witnessed these field analyses, observations and activities. with the statements in this block. Signed Method of Shipment to Laboratory THIS FORM ACCOMPANIES - septum vials with teflon-lined discs identified as: specimen____; duplicate_____; triplicate_____; blank(s)___ and amber glass jug(s) with teflon-lined cap(s) identified as and other container(s) (describe) identified containers are marked as follows to indicate preservation (circle): identified as NP:)
No preservation; sample stored at room temperature (~20°C).
P-ICE: Sample stored in an ice bath.
P-Na₂O₃S₂: Sample preserved with 3 mg Na₂O₃S₂/40 ml and stored at room temperature. CERTIFICATE(S) OF SAMPLE RECEIPT I (we) certify that this sample was transferred from _____ at (location)___ (date & time) _____ and that the statements in this block are correct. Disposition of Sample______. Seal(s) Intact: Yes Sicnature(s) I (we) certify that this sample was transferred from ___ at (location) (date & time) and that the statements in this block are correct. Disposition of Sample . Seal(s) Intact: Yes No .



ANAL	YSES	REQUE	ESED

LAB. NO

PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS REQUIRED. WHENEVER POSSIBLE LIST SPECIFIC COMPOUNDS SUSPECTED OR REQUIRED.

org-1085

QUALITATIVE	QUANTATIVE	PURGEABLE SCREEN	OUALITATIVE	QUANTATIVE	EXTRACTABLES SCREEN
<u>~</u>	0		+ 0	101	
		ALIPHATIC HYDROCARBON SCREEN	+		ALIPHATIC HYDROCAFECNS
X	X	AROMATIC HYDROCARBON SCREEN	┼		CHLORINATED HYDROCAFBON PESTICIDES
		HALOGENATED HYDROCARBON SCREEN	↓	$\sqcup$	CHLOROPHENOXY ACID EERBICIDES
		GAS CHROMATOGRAPH/MASS SPECTROMETER	1		HYDROCARBON FUEL SCREEN
					ORGANOPHOSPHATE PESTICIDES
					POLYCHLORINATED BIFFENYLS (PCB's)
			1		POLYNUCLEAR AROMATIC HYDROCARBONS
			1		
.,	一				
		SPECIFIC COMPOUNDS			SPECIFIC COMPCUNDS"
		Benzenes, Xylanes, Toluene	,		
			4		
				<del>                                     </del>	
			Ц		
R	EMA	RKS:			

CETRIFICATE OF	ANALYTICAL	PERSONNEL
----------------	------------	-----------

Seal(s) Intact: Yes No . Seal(s) Broken by	date ·
I certify that I followed standard laboratory p	rocedures on handling and analysis of this
sample unless otherwise noted and that the stat	ements in this block and the analytical data
on this page accurately reflect the analytical	results for this sample.
Date(s) of analysis 6Dec84 . Analys	ts signature A Furnay
Icertify that I have reviewed and concur with t	he analytical results for this sample and

with the statements in this block. Reviewers Signature:

& meyerhen





P.O. BOX 2088 LAND OFFICE BUILDING SANTA FE. NEW MEXICO 875M 505-827-5812

12/6/84

LABORATORY SLD Printy 2

LAB NUMBER OR 1082 A. B.

SLD Users Code No.57680 COLLECTIVELY REFERRED TO AS "SAMPLE" FORM ACCOMPANIES

CERTIFICATE OF FIELD PERSONNEL Sample Type:   Water 🗷   Soil 🗌 Other	
Water Supply and/or Code No. Monument Comprising les CTY	
City & County Monument Mon . Well # 12	
Collected (date & time) 8411280825 By (name) ROYER	
cumbo/cm at C: Chlorine Residual=	_
Dissolved Oxygen= mg/l; Alkalinity= ; Flow Rate= Sampling Location, Methods & Remarks (i.e. odors etc.)	$\dashv$
Monument Mon. Well#12 (Bailed From well)	
I certify that the statements in this block accurately reflect the results of my fiel analyses, observations and activities. Signed  I certify that I witnessed these field analyses, observations and activities and conduct the statements in this block. Signed	d ur
Method of Shipment to Laboratory  THIS FORM ACCOMPANIES	_ ` _ ` _ `
	to on
(date & time)       and that the statements in this block are correct.         Disposition of Sample       . Seal(s) Intact: Yes □ No □ .         Signature(s)	1
I (we) certify that this sample was transferred fromt	to
	on .
(date & time) and that the statements in this block are correct.	
Disposition of Sample Seal(s) Intact: Yes \(\Pi\) No \(\Pi\) . Signature(s)	•
U: 5114 GU - 51-7	- :

	•		
ANAL	YSES	REQUES	ED

LAB.

PLEASE CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE TYPE OF ANALYTICAL SCREENS REQUIRED. WHENEVER POSSIBLE LIST SPECIFIC COMPOUNDS SUSPECTED OR REQUIRED.

org-1082

QUALITATIVE	QUANTATIVE	PURGEABLE SCREEN	QUALITATIVE	QUANTATIVE	EXTRACTABLES  SCREEN
		ALIPHATIC HYDROCARBON SCREEN	Ц		ALIPHATIC HYDROCAFECNS
X	X	AROMATIC HYDROCARBON SCREEN			CHLORINATED HYDROCAF3ON PESTICIDES
		HALOGENATED HYDROCARBON SCREEN			CHLOROPHENOXY ACID EERBICIDES
		GAS CHROMATOGRAPH/MASS SPECTROMETER	11_		HYDROCARBON FUEL SCIEEN
-					ORGANOPHOSPHATE PESTICIDES
					POLYCHLORINATED BIFEENYLS (PCB's)
					POLYNUCLEAR AROMATIC HYDROCARBONS
•					
		SPECIFIC COMPOUNDS .			SPECIFIC COMPCUNDS
		Renjemes, Xylanes, Taluena			
		· · · · · · · · · · · · · · · · · · ·	+		
-				-	
			11		
R	EMA	RKS:			

ANALYTI	CAL RE	SULTS	
COMPOUND	CONC- ENTRATION	COMPOUND	CONC- ENTRATION
halogenated pursuables	nonletected	1,3,5-trimethyl-kennene	40 ugm
benjene	14760 mgm		
tolnene	120 "		
ethyl-fennene	20 "		·
p-xylene	140 "	·	
m-xylene	160 "		
0-Xillene	140"	* DETECTION LIMIT	10 rigne
RETARKS: Office Substitut	edaroma	this also detected, by	tnot
edentified. Deter	tion limit	t for femone is 100	ugme,

CETRIFICATE OF ANALYTICAL PERSONNEL

		iste
	I certify that I followed standard laboratory procedures on handling an	i analysis of this
	sample unless otherwise noted and that the statements in this block and	
	on this page accurately reflect the analytical results for this sample.	• •
-	Date(s) of analysis 6 Dec 84 . Analysts signature Al Thus	rey
	Identify that I have reviewed and concur with the analytical fasults for	r :CAs sample and
į	with the exercise of the state black. Designing Circuit //i	<b>v</b>
	Meyer he	$\sim$
	'	

TER TECHNOLOGY LABORATORY

ANALYTICAL & CONSULTING SERVICES

Division of Oil Recovery Systems, Inc.

4 Mill St., Greenville, NH 03048 Tel: (603) 87 (4500) CFFICE

> FILE JUL 8 1985

PURFFE

1. 115

B. L. L.

L. H. N.

J. B. H. K. H. 3.

n. J. N.

1.0.33

DATE

MOTED

ENGERVATION DIVISION
Laboratory Test Results

6/23/26, Report 暮o. 20-2050-9 Submitted to:

Eddie Seay Texas-New Hexico Pipeline Co. P.O. Box 2528 Hobbs, N.M. 38240

Sample Identification:
The attached report covers water samples #27053-27054 taken by Seay using 40 ml septum-capped glass vials at site #20-2050, Hobbs, New Mexico.

### Method:

Analysis was performed for purgeable aromatic priority pollutants and xylenes by purge and trap gas chromatography with flame ionization detection as per EPA Method 602. Quantification was performed on a very polar open tubular fused silica capillary column which fractionates aliphatics (up to C12) away from volatile aromatics. Qualitative confirmation was performed for all samples on a dissimilar column. Chromatographic conditions are referenced in GTL Method Code 103. Hexane and ortho-xylene are used as calibration standards for the aliphatic hydrocarbons and miscellaneous aromatics, respectively, if reported.

Minimum Detection Limit (MDL) at 5 times background is 0.5 ppb for all parameters. The level for reliable quantitation for the summed groups such as aliphatics is 20 ppb. Samples diluted in order to maintain the calibrated range are so indicated by a footnote giving the factor by which the MDL is raised.

Sampling and sample handling and preservation are specified by this laboratory to be as per EPA Method 602. Any irregularities are referenced in the attached quality assurance report.

Results:

Results are reported in ppb (ug/1).

Prepared by: Lilean Foley Analytical Program Manager

J.P./S.E.B. Analysts

cc. Jim Goetz

HORIS TORS

14 / 417 14 / 417



### GROUNDWATER TECHNOLOGY LABORATORY

ANALYTICAL & CONSULTING SERVICES Division of Oil Recovery Systems, Inc. 4 Mill St., Greenville, NH 03048

HYDROCARBONS IN WATER ug/1 REPORT NO. 20-2050-9

Tel: (603) 878-2500

SAMPLE NO.	I.D.	C4-C12 ALIPHATIC HYDROCARBONS	MISC AROMATICS C8-C10	S TOTAL	
27053	MW	23	22 .	47	_
27054	MON	2	תא	7	

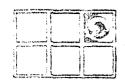
NOTES:

TOTAL = THE SUM OF THE TOTAL BTEX AND THE ABOVE PARAMETERS.

ND = BELOW DETECTION LIMIT NV = NEW WELL

MCW = MAIN COMMUNITY WELL

Mobbs office



### GROUNDWATER TECHNOLOGY LABORATORY

ANALYTICAL & CONSULTING SERVICES
Division of Oil Recovery Systems. Inc.
4 Mill St., Greenville, NH 03048
Tel: (603) 878-2500

HYDROCARBONS IN WATER ug/L (ppb) REPORT NO. 20-2050-9

Sample	I.D.	DATE SAMPLED		BENZENE	ETHYL BENZEME		
27053 27054	NW	6/17/36 6 6/16/86 6	/21/86 /20/86	5 2 5 5	N D N D	HD ND	2 5

*NOTES:

ND = BELOW DETECTION LIMIT

TOTAL BTEX = THE SUM OF BENZENE, TOLUENE, ETHYL BENZENE, AND XYLENES, ROUNDED TO THREE SIGNIFICANT FIGURES.

HORRS OFFICE



### GROUNDWATER TECHNOLOGY LABORATORY

ANALYTICAL & CONSULTING SERVICES
Division of Oil Recovery Systems, Inc.
4 Mill St., Greenville, NH 03048
Tel: (603) 878-2500

Quality Assurance Documentation

Statement of Sample Integrity: The samples in this data set meet the Groundwater Technology Laboratory criteria for physical integrity as per GTL Method Code 103 throughout the sampling, handling and analytical process.

Exception: Sample 27054 contained bubbles.

Quality Assurance Specifications: The data in this set conforms to the GTL Quality Assurance program and provisions specified in EPA Method 602 including daily calibration with freshly made standards, blanks before trace level samples, surrogate spikes, spikes in untested matrices, a minimum of 10% duplicates and a minimum of 6% reference samples traceable to the U.S. EPA.

Certification:

The data in this report have been checked for accuracy and completeness.

Respectfully Submitted.

A 12

Michael D. Webb

Technical Director

JUL 8 1986

**B L Lednicky** District Manager PO Box 2528 Hobbs NM 88241 505 393 2135

February 7, 1985

Mr. Jerry Sexton State of New Mexico Oil Conservation Division P.O.Box 1980 Hobbs, New Mexico 88241

Dear Jerry:

Re: Monument Water Wells

As per our discussion today attached is an analysis of the water samples taken on January 9, 1985. When Cliff Harper and myself visited with you and Eddie Seay about January 9 you requested that we obtain the samples on the wells drilled by the Oil Conservation Division.

I had previously given this information to Eddie Seay by telephone.

Yours very truly,

BLL:DDM

Attachment

EASYLINK MBX 5736521A001 15JAN85 12:18/12:35 EST FROM: TLX 752858 ORS INC GRN UD OIL RECOVERY SYSTEMS INC

•	TRA(	Z	IN	QN	QN	TRACE	555	S S	ND	NO	N
MISC. ARO	QN	ND	QN	QN	QN	QN	65	ND	QN	QN	QN
-		ND	ND	ND	ND	TRACE	1470	ND	QN	ND	ND
T.XYLENES	ND	ND	ND	ON	ND	ND	95	ND	ON	QN	ND
E. BENZ	ND	ND	ND	ND	ND	ND	ND	QN	ND	Q	QN
TOLUENE	QN	ND	ND	ND	ND	ON	132	QN	QN	QN	ND
BENZENE	QN	ND	ND	ND	ND	QN	3780	QN	QN	QN	QN .
RUN	/14/8	/14/8	1/14/85	/14/8	/14/8	/14/8	/14/8	/14/8	/14/8	/14/8	/14/8
SAMPLED	8/6/	8/6/	8/6/	8/6/	8/6/	8/6/	8/6/	8/6/	8/6/	8/6/	8
I.D.	2.						_	$\sim$	$\sim$	$\sim$	$\sim$
ап	3536	3537	3538	3539	3540	3541	3542	3543	3544	3545	546
	ample I.D. SAMPLED RUN BENZENE TOLUENE E.BENZ T.XYLENES ALIHYDRO MISC.AR	ample I.D. SAMPLED RUN BENZENE TOLUENE E.BENZ T.XYLENES ALIHYDRO MISC.AR 3536 BLANK 1/9/85 1/14/85 ND ND ND ND ND TRACE ND	ample I.D. SAMPLED RUN BENZENE TOLUENE E.BENZ T.XYLENES ALIHYDRO MISC.AR 3536 BLANK 1/9/85 1/14/85 ND ND ND ND TRACE ND 3537 OCD 1 1/9/85 1/14/85 ND ND ND ND ND ND	ample I.D. SAMPLED RUN       BENZENE       TOLUENE E.BENZ T.XXLENES ALIHYDRO       MISC.AR         3536 BLANK 1/9/85 1/14/85 ND       ND       ND       ND       TRACE       ND         3537 OCD 1 1/9/85 1/14/85 ND       ND       ND       ND       ND       ND         3538 OCD 2 1/9/85 1/14/85 ND       ND       ND       ND       ND       ND	ample I.D. SAMPLED RUN       BENZENE       TOLUENE E.BENZ T.XYLENES ALIHYDRO       MISC.AR         3536 BLANK 1/9/85 1/14/85 ND       ND       ND       ND       ND         3537 OCD 1 1/9/85 1/14/85 ND       ND       ND       ND       ND       ND         3539 OCD 2 1/9/85 1/14/85 ND       ND       ND       ND       ND       ND       ND         3539 OCD 3 1/9/85 1/14/85 ND       ND       ND       ND       ND       ND       ND	ample I.D. SAMPLED RUN       BENZENE       TOLUENE E.BENZ T.XYLENES ALIHYDRO       MISC.AR         3536 BLANK 1/9/85 1/14/85 ND       ND       ND       ND       ND       ND         3537 OCD 1 1/9/85 1/14/85 ND       ND       ND       ND       ND       ND       ND         3539 OCD 2 1/9/85 1/14/85 ND       ND       ND       ND       ND       ND       ND       ND         3540 OCD 4 1/9/85 1/14/85 ND       ND       ND       ND       ND       ND       ND       ND	ample I.D. SAMPLED RUN         BENZENE         TOLUENE E.BENZ T.XYLENES ALIHYDRO         MISC.AR           3536 BLANK         1/9/85         1/14/85         ND         ND         ND         ND         ND           3536 BLANK         1/9/85         1/14/85         ND         ND         ND         ND         ND           3537 OCD 1         1/9/85         1/14/85         ND         ND         ND         ND         ND           3539 OCD 2         1/9/85         1/14/85         ND         ND         ND         ND         ND           3540 OCD 4         1/9/85         1/14/85         ND         ND         ND         ND         ND           3541 OCD 6         1/9/85         1/14/85         ND         ND         ND         ND         ND	ample I.D. SAMPLED RUN         BENZENE         TOLUENE E.BENZ T.XYLENES ALIHYDRO         MISC.AR           3536 BLANK         1/9/85         1/14/85         ND         ND         ND         ND         ND           3536 BLANK         1/9/85         1/14/85         ND         ND         ND         ND         ND         ND           3537 OCD 1         1/9/85         1/14/85         ND         ND         ND         ND         ND         ND           3539 OCD 2         1/9/85         1/14/85         ND         ND         ND         ND         ND         ND           3540 OCD 4         1/9/85         1/14/85         ND         ND         ND         ND         ND         ND           3541 OCD 6         1/9/85         1/14/85         ND         ND         ND         ND         ND         ND           3542 MW 12         1/9/85         1/14/85         3780         132         ND         95         1470         65	ample I.D. SAMPLED RUN         BENZENE         TOLUENE E.BENZ T.XYLENES ALIHYDRO         MISC.AR           3536 BLANK         1/9/85         1/14/85         ND         ND         ND         ND         ND           3537 OCD 1         1/9/85         1/14/85         ND         ND         ND         ND         ND           3538 OCD 2         1/9/85         1/14/85         ND         ND         ND         ND         ND           3539 OCD 3         1/9/85         1/14/85         ND         ND         ND         ND         ND           3540 OCD 4         1/9/85         1/14/85         ND         ND         ND         ND         ND           3541 OCD 6         1/9/85         1/14/85         ND         ND         ND         ND         ND           3542 MW 12         1/9/85         1/14/85         ND         ND         ND         ND         ND           3543 MW 25         1/9/85         1/14/85         ND         ND         ND         ND         ND	ample I.D. SAMPLED         RUN         BENZENE         TOLUENE         E.BENZ         T.XYLENES         ALIHYDRO         MISC.AR           3536 BLANK         1/9/85         1/14/85         ND         ND         ND         ND         ND           3536 BLANK         1/9/85         1/14/85         ND         ND         ND         ND         ND           3537 OCD 1         1/9/85         1/14/85         ND         ND         ND         ND         ND           3539 OCD 2         1/9/85         1/14/85         ND         ND         ND         ND         ND           3540 OCD 4         1/9/85         1/14/85         ND         ND         ND         ND         ND           3541 OCD 6         1/9/85         1/14/85         ND         ND         ND         ND         ND           3542 MW 12         1/9/85         1/14/85         ND         ND         ND         ND         ND           3543 MW 25         1/9/85         1/14/85         ND         ND         ND         ND         ND           3544 MW 26         1/9/85         1/14/85         ND         ND         ND         ND         ND	ample I.D. SAMPLED RUN BENZENE 3536 BLANK 1/9/85 1/14/85 ND 3537 OCD 1 1/9/85 1/14/85 ND 3538 OCD 2 1/9/85 1/14/85 ND 3539 OCD 3 1/9/85 1/14/85 ND 3540 OCD 4 1/9/85 1/14/85 ND 3541 OCD 6 1/9/85 1/14/85 ND 3542 MW 12 1/9/85 1/14/85 ND 3543 MW 25 1/9/85 1/14/85 ND 3544 MW 26 1/9/85 1/14/85 ND 3545 MW 27 1/9/85 1/14/85 ND

REPORT NO. 20-2050-8

TRACE = COMPOUND DETECTED BUT BELOW LEVEL FOR RELIABLE QUANTITATION.

2 = METHANE DETECTED AT 100-1000 PPB

ND = NONE DETECTED

*NOTES:

EASYLINK MBX 5733473A001 15JAN85 12:08/12:35 EST FROM: TLX 752858 ORS INC GRN UD OIL RECOVERY SYSTEMS INC TO: 62725550 1/15/85

Laboratory Test Results

Report No. 20-2050-8 Submitted to:

Cliff Harper Groundwater Technology 5047 Clayton Rd. Concord, CA 94519

1 61	OFFICE LE 1 1985
PLHASE NOTE	EATE MOTED
B. L. L.	
1. H. N.	
J. B. H.	
K. 11. S.	
U. D. K.	
D. J. N.	
J. D. H.	

The attached report covers water samples 13536-13546 taken by C. Harper at site 20-2050, Monument, New Mexico and analyzed by GC/FID Static Headspace Analysis for volatile hydrocarbons, analysts D.G. and J.P.

Method Detection Limits (MDL) listed are the levels above which quantitation is considered reliable: benzene and toluene 1 ppb, ethylbenzene 2 ppb, total xylenes 6 ppb. The level for reliable quantitation for total aliphatic hydrocarbons and miscellaneous aromatics is 20 ppb.

If noted on report, MDL is increased by a factor of 44 for dilutions made in order to maintain calibrated range. for levels above 10 times MDL is 10%. Precision at MDL equals 30%. Hexane and ortho-xylene used as calibration standards for aliphatic hydrocarbons and miscellaneous aromatics, respectively.

> Respectfully submitted, Michael D. Webb Technical Director

**MMMM** 



### GROUND TATER TECHNOLOGY LABORATORY

ANALYTICAL & CONSULTING SERVICES Division of Oil Recovery Systems, Inc. 4 Mill St., Greenville, NH 03048 Tel: (603) 878-2500

Cons ing Offices: Needham, MA -- Redondo Beach, CA Chadds Ford, PA - Concord, CA Novi, MI

Laboratory Test Results

10/11/84 Report No. 20-2050-1 Submitted to:

Cliff Harper Groundwater Technology 5047 Clayton Rd. Concord, CA 94519

The attached report covers water samples 12442-12443 taken by C. Harper at site 20-2050, Monument, New Mexico and analyzed by GC/FID Static Headspace Analysis for volatile hydrocarbons, analyst J.P.M.

Method Detection Limits (MDL) listed are the levels above which quantitation is considered reliable: benzene and toluene 1 ppb, ethylbenzene 2 ppb, total xylenes 6 ppb, total aliphatic Phydrocarbons and miscellaneous aromatics 20 ppb.

If noted on report, MDL is increased by a factor of 44 for dilutions made in order to maintain calibrated range. Precision for levels above 10 times MDL is 10%. Precision at MDL equals 30%. Hexane and ortho-xylene used as calibration standards for aliphatic hydrocarbons and miscellaneous aromatics, respectively.

Respectfully submitted,

Michael D. Webb

Technical Director

VOA Report No. 20~2050-1

## HYDROCARBONS IN WATER ∠4g/L (ppb)

TOTAL	2 Z
MISC. AROMATICS C7-CIO	N N O
C4-C12 ALIPHATIC HYDROCARBONS	N N D
TOTAL XYLENES	2 Z
ETHYL BENZENE	2 Z
	9 9 N N
IENZENE TOLUENE	2 2
DATE RUN B	10/4/84 10/9/84 10/4/84 10/9/84
DATE SAMPLED	10/4/84
i. D	S M
SAMPLE NO. 1.D.	12442 12443

*NOTES:

ND = NONE DETECTED SW = SCHOOL WELL FDW = FIRE DEPARTMENT WELL GROUNDWATER TECHNOLOGY LABORATORY #4 Mill Street, Greenville, New Hampshire 03048

VOA Report No.

## 20-2050-2 HYDROCARBONS IN WATER $\mathcal{A}$ g/L (ppb)

		DATE	DATE			ETHYL	TOTAL	C4-CI2 Aliphatic	MISC. Aromatics	•
SAMPLE NO. 1.D.	. i. b.	SAMPLED	RUN BE	ENZENE	TOLUENE	BENZENE	XYLENES	HYDROCARBONS	C7-CIO	TOTAL
	·								•	
12509	AW 1	10/11/84		N	Z		QN	TRACE	ND	TRACE
12513	MW2	10/11/84		Q.	Ž		QN	TRACE	ON	TRACE
12511	MM3	10/11/84		Q N	Ž		O'N	59	Q.N.	29
12514	MM4	10/11/84	10/22/84	221	102	10	26	357	TRACE	716
12512	MW 2	10/11/84		QN N	Z		ON.	QN	QN	ON .
12515	9MW	10/11/84		QN N	Z		Q.	TRACE	ON	TRACE
12508	WM7	10/11/84		16600	10400		1710	3520	1570	34500
12510	WM8	10/11/84	10/20/84	2	N		S N	TRACE	ON	2
		,								

TRACE = COMPOUND(S) DETECTED BUT BELOW LEVEL FOR RELIABLE QUANTITATION = NONE DETECTED

METHANE DETECTED AT 10-100 PPB.

DETECTED AT 100-1000 PPB. METHANE

SAMPLE DILUTED; MDL TIMES 44 UNCATEGORIZED COMPOUND(S) PRESENT.

VOA Heport No. 20-2050-3

### HYDROCARBONS IN WATER 49/L (Ppb)

STOTAL	36200	40000	2	NDN	ON.	ON
MISC. AROMATICS C7-CIO	878	1160	QN N	QN	a N	0 N
C4-CI2 ALIPHATIC HYDROCARBONS	6410	6370	TRACE	ON N	ON	QN N
TOTAL XYLENES	1480	1960	O N	Ω N	ON	QN N
ETHYL BENZENE	1870	1970	QN	ON	ON	Q N
TOLUENE	9710	. 11100	2	ON ON	ON N	QN N
BENZENE		17300				
DATE	10/18/84	10/16/84 10/18/84	10/18/84	10/18/84	10/18/84	10/18/84
DATE	10/16/84	10/16/84	10/16/84	10/16/84	10/16/84	10/16/84
SAMPLE NO. 1.0.	W14	W15	<b>M</b> 2	8 8	M. W	
SAMPLE	12533	12534	12535	12536	12537	12538

*NOTES:

DETECTED BUT BELOW LEVEL FOR RELIABLE QUANTITATION TRACE = COMPOUND(S) W.W. = WATER WELL ND = NONE DETECTED

5 = UNCATEGORIZED COMPOUND(S) PRESENT.

GROUNDWATER TECHNOLOGY LABORATORY

VOA Report No.

20-2050-4

### HYDROCARBONS IN WATER 4g/L (ppb)

,	-	DATE	DATE	u 2 5 2 4	7. Z.	ETHYL	TOTAL XYI FNES	C4-CI2 ALIPHATIC HYDROCARBONS	MISC. AROMATICS C7-C10	TOTAL
SAMPLE NO. 1.U.	j .	SAMPLEO		שלבשכ	וסרחרוור	מרוויר				
12551	MW3	10/17/84	10/24/84		Z		2	TRACE	2	TRACE
12549	MM4	10/17/84	10/24/84	ND	Z	ON ON	QN	39	ON.	39
12554	MMS	10/17/84			Z		ND	TRACE	ON	TRACE
12548	MM6	10/17/84	10/23/84		Z		ND	81	83	164
12550	6MW	10/17/84	10/24/84		Z		ND	131	79	195

TRACE

2 2 2

2 2 2

28

9 S

TRACE ND

2 2 8

10/17/84 10/24/84 10/17/84 10/24/84

MW13

12553 12552 *NOTES:

TRACE = COMPOUND(S) DETECTED BUT BELOW LEVEL FOR RELIABLE QUANTITATION ND = NONE DETECTED

= METHANE DETECTED AT 10-100 PPB.

GROUNDWATER TECHNOLOGY LABORATORY

VOA Report No.

20-2050-5

### HYDROCARBONS IN WATER 497L (ppb)

TOTAL	× +	7	7 × 00+0	RACE *6	TRACE	ND.	14500	Q N	46500	2770 *2
MISC. AROMATICS CT-CIO									1940 . 4	
C4-CI2 ALIPHATIC HYDROCARBONS	,	2200			TRACE		258 3		10800	866
TOTAL	C	, L	1	O.N	۵N	ON	430	Q N	1690	148
ETHYL BENZENE	C	. C	2	ON ON	ON	ND	296	ND	2020	ND
TOLUENE									12100 2	
BENZENE									19100	
DATE	1/84	1/8/	1	1/84	1/84	1/84	10/31/84	1/84	1/84	10/31/84
DATE Sampled	10/3	10/3	ה ה	10/3	10/3		10/3			
	7/25/84	78/5//	10 - 11 - 1	3/25/84	3/25/84	3/25/84	10/25/84	)/25/84	10/25/84	1/25/84
Ö.	i									
SAMPLE NO. 1.D.	M. W.	7 M W					6MW	MW1	MW15	M Σ
T S	12627	12628	- 1 0 1	12629	12630	12631	12632	12633	12634	12635

ND = NONE DETECTED

TRACE = COMPOUND(S) DETECTED BUT BELOW LEVEL FOR RELIABLE QUANTITATION

METHANE DETECTED AT 10-100 PPB.

METHANE DETECTED AT 100-1000 PPB.

= UNCATEGORIZED COMPOUND PRESENT; POSSIBLY NOT GASOLINE RELATED. ·0 N

TOTAL ALIPHATICS INCLUDES METHANE.

& 19 WERE BROKEN VIA SHIPPING. SAMPLES OF MW12, 18,

03048 #4 Mill Street, Greenville, New Hampshire GROUNDWATER TECHNOLOGY LABORATORY

### 20-20-6 HYDROCARBONS IN WATER 4g/L (ppb)

C4-C12 MISC. ALIPHATIC AROMATICS HYDROCARBONS C7-C10 TOTAL	- ON	QX		QN QN	·
TOTAL XYLENES	Q N	ON	Q	ON	
ETHYL BENZENE	ON.	QN N	ON	Q N	
TOLUENE	Q N	QN N	Q N	QZ	
BENZENE	Q N	ON.	۵N	Q N	
DATE RUN E	11/12/84	11/12/84	11/12/84	11/12/84	
DATE SAMPLED	11/6/84	11/6/84	MW 28 11/6/84	11/6/84	
1.0.	3 2 3	MMMS	MW 28	BLNK	
SAMPLE NO. 1.0.	12809	12810	12811	12812	10 L

*NOTES:

ND = NONE DETECTED MWW = MUNI WATER WELL MWWS = MUNI WATER WELL STANDBY BLNK = BLANK GROUNDWATER TECHNOLOGY LABORATORY

4 MILL STREET, GREENVILLE, NEW HAMPSHIRE 03048

(sicins

Table ... Monument Water System Contd. (Midline & Schoolhouse Wers 9/84 to Present), As a few most

Sampling Date    18.4   9/19/84   9/19/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   11/8/84   1	Sampling Station	 Midline		East Schoolhous	se Well	West Schoolhouse Well
Magnesium   18.2   22.6   57.5   Sodium   57.5   Potassium   3.12   3.51   Bicarbonate   259.1   253.3   60.0   Chloride   148.1   161.7	Sampling Date	9 <b>9</b> /18/84	9/19/84	9/18/84	11/8/84	11/8/84
Sodium   S7.5   S7.5   S.5	Calcium	118.		123.		
Sodium   S7.5	Magnesium	18.2	l l	22.6		
Potassium   3.12   3.51   253.3   Sulfate   60.8   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0   60.0				57.5		
Bicarbonate   259.1   253.3   60.0			i			
Sulfate Chloride Chl		At .	Ì			
Nitrate-N Ammonia-N  Aluminum Arsenic Barium Beryllium Boron Cadmium Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silicon Siliver Strontium Tin Vanadium Yttrium Zinc  TDS pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND ND ND ND ND ND ND ND		ZI .	1		,	
Ammonia-N  Aluminum Arsenic Barium Beryllium Boron Cadmium Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760. pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND  Halogenated Purgeables CHBr3 CHCl3 ND ND ND						
Aluminum  Arsenic Barium Beryllium Boron Cadmium Chromium Chobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650.  760. pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND ND ND ND ND ND ND ND			e e e e e e e e e e e e e e e e e e e			
Arsenic Barium Beryllium Boron Cadmium Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760.  pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND  ND  ND  ND  ND  ND			, C			
Barium Beryllium Boron Cadmium Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760. pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND  Halogenated Purgeables CHBr3 CHCl3 ND ND ND ND		1				; ; ;
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Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760. pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND Halogenated Purgeables CHBr3 CHCl3 ND ND ND	Boron					*
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Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760. pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND Halogenated Purgeables CHBr3 CHCl3 ND ND ND						
Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760.  PH COD TOC  Aromatic Purgeables ND ND ND ND ND ND Halogenated Purgeables CHBr3 CHCl3 ND ND ND ND ND ND ND ND		1				
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Lead Manganese Mercury Molybdenum Nickel Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760.  pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND  Halogenated Purgeables CHBr₃ CHCl₃ ND ND ND ND →			3			
Manganese Mercury Molybdenum Nickel Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760. pH COD TOC  Aromatic Purgeables  ND ND ND ND ND ND  ND  Halogenated Purgeables  O.003 0.003 CHBr3 CHCl3 ND ND ND		•				
Mercury Molybdenum Nickel Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS pH COD TOC  Aromatic Purgeables  ND ND ND ND ND ND ND ND ND ND ND ND ND				<del>?</del>		
Molybdenum Nickel Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760. pH COD TOC  Aromatic Purgeables ND ND ND ND ND  Halogenated Purgeables CHBr ₃ CHCl ₃ ND ND ND ND		•		<u>.</u> [	•	
Nickel Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760.  pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND  Halogenated 0.003 0.003 Purgeables CHBr3 CHCl3 ND ND ND						4 8
Selenium Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760.  pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND  Halogenated Purgeables CHBr3 CHCl3 ND ND ND						
Silicon Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760.  pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND  Halogenated Purgeables CHBr ₃ CHCl ₃ ND ND ND	Nickel	1				•
Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760.  pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND  Halogenated Purgeables CHBr ₃ CHCl ₃ ND ND ND ND ND ND	Selenium	1		Ì		# ·
Silver Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760.  pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND  Halogenated Purgeables CHBr ₃ CHCl ₃ ND ND ND ND ND ND	Silicon	ł				1
Strontium Tin Vanadium Yttrium Zinc  TDS 650. 760.  pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND  Halogenated Purgeables CHBr ₃ CHCl ₃ ND ND ND ND ND		•				į
Tin Vanadium Yttrium Zinc  TDS 650. 760.  pH COD TOC  Aromatic Purgeables ND ND ND ND ND ND  Halogenated 0.003 0.003 Purgeables CHBr ₃ CHCl ₃ ND ND ND						<u>{</u>
Vanadium Yttrium Zinc  TDS pH COD TOC  Aromatic Purgeables  ND ND ND ND ND ND ND ND ND ND ND ND ND						
Yttrium         Zinc           TDS         650.         760.           pH         COD         TOC           Aromatic         Purgeables         ND         ND         ND         ND           Halogenated         0.003         0.003         ND         ND<						*
Zinc         TDS       650.       760.         pH       COD       760.         TOC       Aromatic       ND       ND       ND       ND         Aromatic Purgeables       ND       ND       ND       ND       ND       ND         Halogenated Purgeables       0.003       0.003       CHCl₃       ND		}		Mark to		
TDS pH COD TOC  Aromatic Purgeables  ND ND ND ND ND ND ND ND ND ND ND ND ND				¥.		1
pH COD TOC  Aromatic Purgeables  ND ND ND ND ND ND ND Halogenated O.003 Purgeables  CHBr ₃ CHCl ₃ ND ND ND ND ND	Zinc			in the second	•	* * * * * * * * * * * * * * * * * * *
COD TOC  Aromatic Purgeables  ND  ND  ND  ND  ND  ND  ND  ND  ND  N		650.		760.		-
Aromatic Purgeables  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	рН			;		
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Purgeables CHBr ₃ CHCl ₃ ND ND ND	Purgeables	ND	ND	ND	ND	ND
Purgeables CHBr ₃ CHCl ₃ ND ND ND	Halogenated	0.003	0.003			4 (W. Carlotter)
		i		, ND	ND ->	ND ->
0.001	rangeables	Cribia	Cricia		NO	
g U.UU! /			0.001	• * * * * * * * * * * * * * * * * * * *		
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CHCl₂Br)			CD/F12\$0	****	I	
		\$			•	

Sampling Station	General Store	Well #1	collected by leading tent.		•
SAMPLING DATE	4/24/84	9/17/84	9/18/84	9/24/84	10/5/84
Calcium	116./130		130./		
Magnesium	11.2/17.		18.2/		
Sodium	52.9		<b>69</b> .		
Potassium	3.12		7.02		
Bicarbonate	263.1?		265.8		
Sulfate	73.5		63.2		
Chloride	126.9		181.8		
Bromide	0.0088				
Nitrate-N	2.36		~-		
Ammonia-N	<0.01				
Aluminum	<0.01				
Arsenic					
Barium	0.14				
Beryllium	<0.01				
Boron	0.13				
Cadmium	<0.01				
Chromium	<0.01				
Cobalt	<0.01				
Copper	<0.01				
Iron	<0.01				
Lead	<0.01				
Manganese	<0.01			•	
Mercury	- 0.01				
Molybdenum	<0.01				
Nickel	<0.01				
Selenium	20				
Silicon	20.				
Silver	<0.01				
Strontium	1.0	ı			
Tin	<0.01				
Vanadium	<0.01				
Yttrium	<0.01				
Zinc	0.11				
TDS	334?		763.		
pH					
COD	1 25	Ì			
TOC	1.25				
BA	ND	4.1	7.2	4.3	2.5
Tholasme	ND	3.9	6.7	2.8	3.1
EBHYlienzrez	ND	0.62	2.0	0.34	0.73
pXylene	ND	0.16	0.2	< 0.3	0.16
mXylene	ND	0.48	0.5 <b>6</b>	<0.3	0.46
oxylene	ND	0.3	0.35	< 0.3	0.39
CHCl ₃	0.003				
Nat. Gas	1	!	0.55		

WATER
R
QUALITY
CHEMICAL
ENGINEER
STATE

LISTING OF WCTO1 BY LO	LOCATION		STATE ENGINEER CHEMICAL QUALITY OF WATER			•
TION	DATE CH	CHLORIDE ) PPM	CONDUCT TEMP BASIN REFERENCE M-MHOS DEG WBF FILE FILE	<b>T</b> SU		a L
E 32 113112	1/20/29	79	64F GAL L VT=00002 01897	IRR	DPO	oso Ose
19S 36E 35 441 0.	01/25/68	144600	186000 L CARD COUNT=00001 01898	OIL	DISPIT	SEO
19S 37E 01 21341 06 19S 37E 01 21341 06 19S 37E 01 21341 07	09/08/65 09/08/71 07/15/77	100 97 44	1285 67F TOG L 01842 913 66F TOG L 01842 676 66F TOG L 01842 CARD CDUNT=00003 01901	REC REC REC	DP DP DP	SEC
19S 37E 04 111432 0	07/24/64	107	TOG L 02490 CARD COUNT=00001 01902	Dan	YT	occ
19S 37E 04 111444 0°	09/19/29	ល ២	62F TOG L CARD COUNT=00001 01903	DOM		USG
19S 37E 04 11144A 10	62/61/01	34	605 66F TOG L CARD CDUNT=00001 01904	DOM	ΥT	SEO
5 37E 04 11333	7/22/64	350	TOG	IRR	DP	220
198 37E 04 11333 00	9/08/65	დ <b>ნ</b>	<b>-</b>	IRR	DP 0.0	SEO
3 37E 04 11333	07/13/77	900	TD© TD© VIEO	IRR	DP	SEC
19S 37E 04 41112 10	10/17/79	34	607 66F TOG COUNT=00001	IRR	DP	SEC
19S 37E 04 41200	1/21/60	195	CARD CDUNT=00001 01910	STK	DΡ	ססס
9S 37E 04 412231	11/22/60	37	TOG	DOM	۲×	220
37E 04 412231	2/21/76	8 6	14 63F TOG L	STK	ΩР	SEC
95 37E 04 412231	10/19/79	n 4 n 00	1161 106 L 0491/ 746 65F TG L 04917 CARD COUNT=00004 01914	STK	γ. DP	SEC
19S 37E 08 31111 10	0/24/79	48	731 65F TOG L CARD COUNT=00001 01915	STK	ΔP	SEC
19S 37E 16 23310 10	10/19/79	44	7 001 089	STK	DP	SEC

ຕູ້ ຸ	00   SE   SE	S. O.C.	98	is:	S S	S
ром үт	IRR DP IRR DP IRR DP IRR DP	IRR DP STK DP	DOM YT STK DP DOM YT STK DP	STK DP STK DP	STK DP	зтк ор
Q		I S	000	o o	o o	<b>5</b>
01904	L 01611 L 01611 L 01611 L 01611	01909 C C C C C C C C C C C C C C C C C C	L 04917 L 04917 L 04917 L 04917 01914	01915 01916	L 04313 01918	
605 66F TDG CARD CDUNT=00001 01	TDG 670 68F TDG 907 66F TDG 630 TDG CARD CDUNT=00004 01	CARD COUNT=00001 01  CARD COUNT=00001 01	TDG 1114 63F TDG 1161 TDG 746 65F TDG CARD CDUNT=00004 01	731 65F TDG CARD CDUNT=00001 01 680 TDG CARD CDUNT=00001 01	688 66F TDG CARD COUNT=00001 01 728 69F TDG CARD COUNT=00001 01	968 68F TOG
34	350 35 91 30	195	37 88 88 48	4 4 4 4	46	116
10/19/79	07/22/64 09/08/65 09/22/71 07/13/77	11/21/60	11/22/60 12/21/76 06/17/77 10/19/79	10/19/79	10/19/79	10/24/79
19S 37E 04 11144A	198 37E 04 11333 198 37E 04 11333 198 37E 04 11333 198 37E 04 11333	19S 37E 04 41112	19S 37E 04 412231 19S 37E 04 412231 19S 37E 04 412231 19S 37E 04 412231	19S 37E 08 31111	19S 37E 17 43143	198 37E 20 23122

5

DOM

62F TDG L CARD COUNT=00001 01903

32

19S 37E 04 111444 09/19/29

# STATE ENGINEER CHEMICAL QUALITY OF WATER

LISTING OF WCTO1 BY	BY LOCATION		STATE ENGINEER CHEMICAL QUALITY OF WATER			4
LOCATION 19S 37E 23 334133	DATE CHLCCLECTED F	CHLORIDE ) PPM 86	CONDUCT TEMP BASIN REFERENCE M-MHOS DEG WBF FILE 1027 62F TOG L CARD COUNT=00002 01920	USE STK	PT CLTN C DP	SEO
195 37E 28 42422	11/29/79	8	733 TOG L 03937 CARD COUNT=00001 01921	STK	DP	SEO
19S 37E 29 43143 19S 37E 29 43143	07/15/54 09/09/58	91 73	865 75F GAL L 01252 L 05314 678 GAL L 01252 L 05314 CARD COUNT=00002 01923	DTM UTM	Y T Y	USG SEO
19S 37E 30 444123	11/29/79	88	947 GAL L CARD_CDUNT=00001 01924	МОФ	<b>Y</b>	SEO
19S 37E 32 31440	10/25/79	224	1582 78F GAL L CARD CDUNT=00001 01925	MDQ	DP	SEO
19S 37E 32 411343	10/25/79	260	1601 TOG L 07626 CARD CDUNT=00001 01926	МОО	<b>L</b> \	SEO
19S 37E 32 41322	10/25/79	226	1427 TDG L CARD COUNT=00001 01927	IRR	DP	SEO
19S 37E 34 112412	11/29/79	09	731 TOG L 00743 S4 CARD COUNT=00001 01928	MOQ	Ϋ́	SEO
19S 37E 34 334322	10/11/79	94	1038 67F TDG L 00744 S2 L 00744 CARD CDUNT=00001 01929	IRR	ОР	SEO
19S 38E 01 314242	10/17/79	240	1866 TOG L 00640 CARD COUNT=00001 01930	IRR	SPRKLR	SEO
19S 38E 02 13321	05/29/53	80	849 TDG L 00946 CARD COUNT=00001 01931	NON		USG
19S 38E 03 13133	08/14/57	08	TDG L CARD CDUNT=00001 01932	Co yelliya di Addingdiriyana a depar	ΥŢ	SEO

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