1R - 225

GENERAL CORRESPONDENCE

YEAR(S): 1996-1995

NEW MEXICO ENERGY, MITTERALS AND NATURAL RETURCES DEPARTMENT

OIL CONSERVATION DIVISION

January 17, 1996

CERTIFIED MAIL RETURN RECEIPT NO. Z-765-962-923

Mr. Lee Roberts 8301 Eunice Hwy Hobbs, New Mexico 88240

Re:

Water Well Sampling

807 Rash

Hobbs, New Mexico

Dear Mr. Roberts:

On November 14, 1995 the New Mexico Oil Conservation Division (OCD) collected a water sample from your private well located at 807 Rash, Hobbs, New Mexico to analyze for the presence of hydrocarbon related contamination. The enclosed analyses indicates that your well contained the following constituents that are above New Mexico Water Quality Control Commission (WQCC) standards (enclosed).

Constituent	Concentration (mg/l)	Water Quality Standard (mg/l)	
Benzene	1.3	.01	
Total Napthalenes (Naphthalene and 2-Methylnaphthalene)	.043	.03	

Since the above mentioned contamination levels are above the WQCC's health based standards, the OCD recommends that the well not be used as a source of drinking water.

The OCD will be evaluating potential sources of the ground water contamination in the area. If you have any questions, please call me at (505) 827-7155.

Sincerely.

Mark Ashley

Geologist

xc: OCD Hobbs Office

OFFICE OF THE SECRETARY - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-5950

ADMINISTRATIVE SERVICES DIVISION - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-5925

ENERGY CONSERVATION AND MANAGEMENT DIVISION - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-5900

FORESTRY AND RESOURCES CONSERVATION DIVISION - P. O. BOX 1948 - SANTA FE, NM 87504-1948 - (505) 827-5830

MINING AND MINERALS DIVISION - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-7970

OIL CONSERVATION DIVISION - P. O. BOX 6429 - SANTA FE, NM 87505-6429 - (505) 827-7131

PARK AND RECREATION DIVISION - P. O. BOX 1447 - SANTA FE, NM 87504-1147 - (505) 827-7465

Z 765 962 923



Receipt for
Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Réverse)

	(200 UBAGISO)	
	Sent to	
	Street and No.	
	P.O., State and ZIP Code	
	Postage	\$
	Certified Fee	
	Special Delivery Fee	
2	Restricted Delivery Fee	
3	Return Receipt Showing to Whom & Date Delivered	
CCC, Malch 1993	Return Receipt Showing to Whom, Date, and Addressee's Address	
	TOTAL Postage & Fees	\$
	Postmark or Date	

NMOCD INTER-OFFICE CORRESPONDENCE

TO:

Mark Ashley-Environmental Bureau

From:

Wayne Price-Environmental Engineer / Wayne

Date:

January 11, 1996

Reference:

Lee Roberts water well located 806 Rash Hobbs NM

Subject:

Ground Water Contamination

Comments:

Dear Mark,

Per your request please find enclosed the information that District I has concerning this issue.

Please note it is my understanding that the information in which I obtained from the NMED reflects there was an up-gradient water well at a nearby residence of a Mrs. Jewel Roberts that had ground water contamination that was contributed to gasoline and solvents.

Mr. Lee Robert's well which is down gradient and approximately 100-300' away is now contaminated as you know. Also it is my understanding there is no connection between the two parties because of the similar last names.

I estimate the depth to ground water at 40 to 50 feet in this area.

It appears there might be an underground plume that is migrating to the southeast. This is only speculation at this time.

I can also say that the water does not have the usual "Oilfield" odors that are usually associated with ground water that has been contaminated from an Oil & Gas activity. Also the chlorides are very low. The olfactory smells noted by Gary Wink and myself was one of a paint thinner or solvent smell.

If you need anymore information please do not hesitate to call or write.

Jerry Sexton-District I Supervisor Gary Wink-Field Rep. II Myra Meyers-NMED Hobbs Office

attachments-copy of Hobbs file

ROJER ANDERSON BUL OLSON

NEW MEXICO OIL CONSERVATION COMMISSION FIELD TRIP REPORT

Notes Name Mayne Price Date Miles District	ric well spectro rod. inj
Time of Departure 7 AM Time of Return 4 PM Car No	
Time of Departure 7 AM Time of Return 4 PM Car No	
Time of Departure 7 AM Time of Return 4 PM Car No	
Time of Departure 7 AM Time of Return 4 PM Car No	ODERA
Time of Departure 7 AM Time of Return 4 PM Car No	
Time of Departure 7 AM Time of Return 4 PM Car No	
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S C U A R R Name WAYNE PRICE Date Miles Distri	
S C U A	
I C F H Q FIELD TRIP REPORT	let I

NEW MEXICO OIL CONSERVATION COMMISSION FIELD TRIP REPORT

H = Housekeeping P = Plugging C = Plugging Cleanup T = Well Test R = Repair/Workover F = Waterflow M = Mishap or Spill W = Water Contamination O = Other			ing Test Lr/Wo flow p or Con	Cleanup rkover Spill	related to resulting finjection a tests, surf R = Inspections on 0 = Other - Inspections Recismation E = Indicates a	injection projection in injection in independent of the case injection equations and relations not relations form of entotal fund	ol - Any inspection of t, facility, or well of to any well. (SWD. 2nd lls, water flows or property support, plugging, etc. lamation Fund Activity ated to injection or The resent action taken in	r P P P P dry I = It essure C = Ct Ct Ct Ct Ct Ct Ct	nderground Storage eneral Operation acility or location seting
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					WATER WEL	i Locati	TO INSIDE S	MAIL 5	TOPASE
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I		F	Н.	Q			L CONSERVATION COMM: LD TRIP REPORT	ISSION	

SERVE OF THE STORY STORY

TO: BILL OLSON



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MEMORANDUM OF MEETING OR CONVERSATION

Telephone Personal	Time 7.55 pm	Date 8/28/95
<u>Originating Pa</u>	artv	Other Parties
LEE ROBERTS - 807	RASH HERRS	
Subject WATER WELL		
Discussion MR ROBERTS SOURCE of	REQUESTED CONTAMIN	MMOCD INVESTIGATE
MR. ROBERTS CO. 15 1 NIS EMARGI	o: INDICATED DUASHING OFF	NORRIS SUCHEN PUD REAS + WATER 15 ROUND.
Conclusions or Agreements DISTRICT SUFFICIONS WE TO PREVIOUS	MITRATE C	IMMEND RUN VILEALES SITAMINATION IN AREA!
Distribution CC: JERRY SEY	STOP SI	gned Mise ()

I N	CL	F A	0	Q			FI	ELD TRIP RE	EPORT	531UN	
5 P	S	C I L	R	R	Name	WAYNE PR	ICE	Date	X139/95	Miles	District I
ECT	I F I	I		E							Car No. G 047
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L		E INS		ON			INSPECTION			NATUR	E OF SPECIFIC WELL.
	HPCTRFHW	Well Repa Wate Mish	exeer ging ging Test ir/We rflow ap or	Cleanu : erkover		U = Underground related to resulting f imjection a tests, surf R = Inspections O = Other - Ins Recismation E = Indicates	injection projection in injection in injection in accordance injection expections accordance in projections accordance in Fund	ect, facility into any well wells, water equipment, placement, placement, placement, placement, placement are elated to inj	y, or well or i. (SWD, 2nd flows or pre lugging, etc. und Activity jection or Th tion taken is	or D = 0 P = 0 ry I = 1 saure C = 0 0 = 0 0 = 0 P = 0 N = 0	rilling roduction njection combined prod. inj. operations MD Inderground Storage central Operation carlity or location leating

E = indicates some form of enforcement action taken in the field (show immediately below the letter U, R or O)



CITY OF HOBBS 300 N. Turner

MICROBIOLOGICAL WATER REPORT

Z MEX	Hobbs, NM 882 Lab # 9411	40	Date Recei	ved		
Time Test Began	Date	214/275	Time Recei	ved		
	Date		Received by	y		
SA	MPLE IDENTIFICA	TION	TESTING 1	REQUIRED		
Quality Control No		County				
man and the		1250		[] MMO MUG-Total Coliform TEST RESULTS		
Water Supply Syste	em Name	WSS Code No.				
Lier Public	73		Total Coliforms / 100 ml	Total Coliforms / 100 ml		
२०१७ अस्ति ।	He325		[] Absent [] Present	[] Absent [] Present		
	LECTION INFORM		Fecal Coliforms / 100 ml	E. coli / 100 ml		
Date Collected Mo. Day Yr.	Time Collected	Collected By	[] Absent [] Present	[] Absent [] Present		
4 24 95			INVALID	SAMPLE		
	WATER WELL	tion Point	If one of the following is check	ked, resample.		
	which were		[] TNTC Non-Coliforms	-		
	TYPE OF SYSTEM	М				
Check One			REJECTE	D SAMPLE		
	nmunity []		If one of the following is check. [] Sample too old.	ked, resample.		
[] Public Commu	nity []	Private Well	[] Temperature violation. (above 10°C)			
Disinfected [Yes [] No)	[] Form incomplete. See circled item.			
Residual:	mg / 1	(required for fecal test)	[] Date discrepancy. [] Leaking Sample.			
		(a. 1 a a a a a a a a a a a a a a a.	[] Quantity insufficient for	testing.		
			[] Quantity too great to per			
	EASON FOR SAMP	LING	[] Turbid sample.			
Check One		/	[] Other			
[] Routine Sampl	e [4	Special Sample				
[] Check Sample	[]	Monitor Sample		F RESULTS CALL THE NEW DEPARTMENT AT 393-4302.		
NOZE: FLAN	neo fun en	sippt/usen gi	LOUFS / ICE SAM	p f		
SEND REPORT AND	D BILL TO THE FOL	I OWING:		1		
	JAYNE PR		Bacteriologist			
COMPANY MM	OIL CONSER	untion plu	A FEE OF \$10.00 PLUS TA	X IS CHARGED FOR		
	00 DU BRON		EACH TEST.			
PHONE 50	5-393-616	51	OFFICE USE ONLY			
FRUNE	· · · · · · · · · · · · · · · · · · ·		ACCT. #			

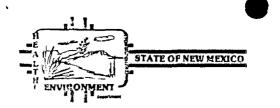
-52 871-17 PM 8 52

CC: KNOW AMERSIN JARY SEKTON MILEAGI

UIC:	
OTHER:	

OIL CONSERVATION DIVISION COMPLAINT FORM

PERSON COMPLAINING:	INFORMATION TAKEN BY:
NAME: Lee ROBERTS	TAKEN BY: WAYNE PRICE
ADDRESS: 807 FA5H	DATE: 8/14/95 TIME: 2:30 fm
HOBBS N.M. 88290	IN PERSON: BY PHONE:
PHONE: 393-9687	is contamnated - MED ressession
HIM TO NOWOLD.	13 EUD MAINEN DELL THING THE STATE OF
	BIN IN IT BAD SMELL + TASTE
WATER HAS BEEN GOOD IN F	
- INVES	TIGATION -
INVESTIGATOR: WAYNE PRICE - NMC DATE: 8/14/95	
TIME: # 3:15 Pm	
DESCRIBE INVESTIGATION AND FINDINGS:	TOOK STATES SAMPLE AT
WALER WELL TANK-	year samper ME
RESULTS OF FIELD TEST-	TAS = HOMHOS 1100 MAHOS
	OL ~ 75 ppm; PH 7-8
	BTEX(PID) MAX = 695 ppm(HEAD SPACE)
	OLFACTORY - SLIGHT to MODERATE SMELL
	VISUAL- CLEAR WATER
WATER APPEARS TO BE COUT	AminAtED WITH VOLITIE HYPROCAPPIN
GOURCE UNKNOWN!! - FOL	LOW-UP -
DATE:	
TIME:	
ACTION TAKEN:	
	·
*ATTACH ADDITIONAL SHEETS, IF NECESSA	RY 1/2 /
MITAGE ADDITIONAL SHEETS, IF NECESSA	(//llap () -
	··





DATE: September 11, 1986

TO:

Dennis McQuillan, Groundwater/Hazardous Waste, Santa Fe

FROM:

Roelf Ruffner, Environmentalist Supervisor

SUBJECT:

GASOLINE CONTAMINATION

I informed Mrs. Jewel Roberts, 801 South Rash in Hobbs, 393-5640, that her well was contaminated with gasoline. The well is next to a garage owned by Mrs. Roberts. Near the well are several places where machinery have been cleaned with gasoline or solvent. Her property is located in T19S, R38E, Sec. 05, NE½, NE½ approximately 1/10 mile south of the intersection of Rash and Marland. Several private water wells are located to the southeast of her property.

RR/jp

pc Garrison McCaslin, HPM II, Roswell Tom Burt, HPM I, Carlsbad/Hobbs Files - Hobbs EID ~

RECEIVED

SEP 07 1995 OCD HOBBS

Received from

PM ED

HEBAS THE



STATE OF NEW MEXICO

TONEY ANAYA
GOVERNOR

DENISE D. FOF

ENVIRONMENTAL IMPROVEMENT DIVISION

James Murray State Office Bldg. 2120 North Alto Hobbs, NM 88240 397-5250 - 397-5251

June 12, 1986

Mr. Bob Gallagner Assistant City Manager City of Hobbs P. O. Box 1117 Hobbs, NM 88240

Dear Mr. Gallagher:

Enclosed is a compilation of data from Nitrate and Chloride Surveys conducted by the Environmental Improvement Division in the Hobbs area over the last three years. Due to budgetary cutbacks, our water surveys have been reduced during 1986.

I hope this data will be of interest to you. If there are any questions, please feel free to call.

Sincerely,

Roelf Ruffner

Environmentalist Supervisor

RR/jp

Enclosure

SEP 0 7 1995 UCU HOBES

RECEIVED

pc Garrison McCaslin, F Roswell
Tom Burt, HPM I, Carlsbad/Hobbs
Files - Hobbs EID

June 12, 1986

NITRATE & CHLORIDE STUDY

HOBBS AREA

CONDUCTED BY

ENVIRONMENTAL IMPROVEMENT DIVISION

RECEIVEL

SEP 0 7 1995 UCD HOBBS OFFICE

LOCATION	DATE	NITRATE (Mg/1)
409 E. Kansas	05-09-86	3.8
113 Chance	04-24-85	2.82
· 606 Lakeview	04-24-85	2.84
708 Lakeview	04-24-85	5.18
8315 N. Grimes	02-21-85	2.04
	00 00 05	, 71.
Llano Grande	02-06-85	0.01
320 Sunset	03-22-85	3.20
3100 Stanolind	03-08-85	22.6
17 Burgess	01-28-85	1.94
Hasten - W. Bender	01-05-85	1.58
3500 N. Dal Paso	06-13-85	1.99
Goff Dairy	11-15-84	1.82
825 S. Asher	11-09-84	16.5
3909 N. Fowler	11-07-84	8.9
Hope Rd #10	11-07-84	2.04
Gary Lane	11-07-84	8.8
Gary Lane	11-07-84	2.79
3406 W. Bender	11-07-84	11.6
4201 W. Bender	11-07-84	1.61
125 Roberts Lane	11-07-84	1.32
2492 N. Dal Paso	11-09-84	5.71
803 Absher	11-14-84	7.48
728 S. Gibbs	09-21-84	11.7
1300 S. Fellowship	08-13-84	3.14
310 Sunset	02-27-85	19.0
822 S. Gibbs	09-21-84	7.4
New Life Fellowship	07-17-84	4.32
Hickman	07-02-84	14.9

Nitrate &	Chloride	Study
Hobbs Area	a	

June 12, 1986 Environmental Improvement Division

LOCATION	DATE	<u> </u>	NITRATE (Mg/1)
600 Chickasaw	07-10-84		4.02
19 Brand Dr.	07-20-84		2.28
1455 Connors Rd.	07-20-84		0.07
K.T. Bar Park	05-15-84		0.38
Baptist Assoc. Lov. Hwy.	07-02-84	RECEIVED	2.21
• 503 E. Stanolind	07-11-84	CIVED	0.09
? StaneE. Stanolind	06-08-84	SEP 0 7 1995	18.2
. Hernandez - E. Stanolind	06-08-84	OCD HOD.	23.4
³ Navarro - E. Stanolind	05-15-84	OFFICE	16.3
4031 E. Bender	12-18-84		19.2
4102 Fowler	11-30-84		7.18
4108 Fowler	11-29-84		9.5
3905 Fowler	11-28-84		0.19
2500 W. Midwest	12-04-84		6.75
400 W. Martin	12-26-84		2.50
120 W. Martin	12-26-84		2.62
101 W. Eva	12-26-84		3.58
2511 N. McKinley	11-28-84		11.0
6127 Davis	05-16-84		2.64
#5 Tulsa Rd.	05-14-84		16.2
203 Hickman	02-22-84		5.34
1600 Bensing	04-04-84		3.63
1651 Bensing	94-04-84		2.81
816 W. Co. Rd.	04-05-84		2.84
901 S. Gibbs	04-05-84		4.04
1723 Lee Ann	04-12-84		2.85
K.T. Bar Park	05-15-84		0.38
2 rench Dr.	04-12-84		1.71
2546 N. Dal Paso	05-02-84		3.75
201 Broom	02-20-84		11.9
Decker Lane #3	02-21-84		5.96
4308 N. Grimes	02-20-84	·	4.00
111 E. Campbell	02-21-84		5.46

2

Nitrate &	Chloride	Study
Hobbs Are	a	

June 12, 1986 Environmental Improvement Division

LOCATION	DATE	CHLORIDE	(Mg/1)
409 E. Kansas	05-09-85	42.9	
3500 N. Dal Paso	06-13-85	89.4	
Permian Corp.	03-26-85	68.9	
2502 W. Midwest	02-15-85	258.5	
3100 E. Stanolind	03-08-85	300.8	
320 Sunset	03-22-85	52.1	
310 Sunset	02-27-85	172.1	
8315 N. Grimes	02-21-85	42.7	
Llano Grande	02-06-85	RECEIVED 158.6 64.4	
466 Cherokee	02-28-85	64.4	
#2 Peaches	02-28-85	SEP 0 7 100c 79.4	
Hasten - W. Bender	01-05-85	77.1	
17 Burges	01-28-85	OFFICE 71.2	
4031 W. Bender	12-18-84	160.0	
113 Chance	04-24-85	47.4	
708 Lakeview	04-24-85	112.4	
606 Lakeview	04-24-85	44.4	
2500 W. Midwest	12-04-84	171.0	
4108 Fowler	11-29-84	3.4	
3905 Fowler	11-28-84	54.1	
Goff Dairy	11-15-84	45.4	
825 S. Gibbs	09-21-84	295.4	
728 S. Gibbs	09-21-84	150.5	
2502 W. Midwest	12-04-84	236.1	
4102 Fowler	11-30-84	88.0	
2511 N. McKinley	11-28-84	82.8	
1830 E. Adams	07-19-84	39.3	
1445 Connors Rd.	07-20-84	57.6	
19 Brand Dr.	07-20-84	69.8	
Hickman	07-02-84	103.5	
1700 S. Fellowship	07-11-84	55.5	,
600 Chickasaw	07-10-84	74.2	
Baptist Assoc. Lov. Hwy.	07-02-84	49.3	

3

Nitrate & Chloride Study Hobbs Area June 12, 1986 Environmental Improvement Division

LOCATION	DATE	CHLORIDE (Mg	<u>/1)</u>
Hernandez - E. Stanolind	06-08-84	270.5	
127 Davis	05-16-84	38.2	
K.T. Bar Park	05-15-84	82.1	
503 E. Stanolind	07-11-84	206.0	
Stane - E. Stanolind	06-08-84	415.8	
Navarro - E. Stanolind	05-15-84	427.9	
803 Absher	11-14-84	179.4	
2492 N. Dal Paso	11-09-84	184.9	
2546 N. Dal Paso	05-02-84	607.0	
#5 Tulsa Rd.	U5-14-84	152.0	
203 Hickman	02-22-84	132.4	
1600 Bensing	04-04-84	41.8	
1651 Bensing	04-04-84	FECEIVED 55.0 61.8	
2210 Bensing	04-12-84	61.8	
1723 Lee Ann	04-12-84	SEP 0 7 1995 38.0	
808 Everglade	02-02-84	115.3	
4308 N. Grimes	02-20-84	OFFICE 44.5	
111 E. Campbell	02-21-84	47.6	
Decker Lane #3	02-21-84	263.6	
201 Broom	02-20-84	172.4	
New Life Fellowship	02-16-84	319.3	
226 Martin	01-25-84	51.5	
3504 W. Co. Rd.	02-02-84	589.5	

RR/jp

pc Garrison McCaslin, HPM II, Roswell Tom Burt, HPM I, Carlsbad/Hobbs Ken Gleason, Asst. City Mgr., Hobbs Files - Hobbs EID





DATE: December 21, 1984

TO:

Pat Longmeir, Groundwater, Santa Fe

FROM:

Roelf Ruffner, Environmentalist, Hobbs RR

SUBJECT:

OIL CONTAMINATION - HOBBS, NM

The attached water analyses report is a water analysis done for OCD on a possible oil/brine contamination at T19S, R38E, Section 5, NE%, SE%, NW%. Amoco Production Company was drilling. I also took samples for SLD.

Please note NO. 3. OCD doubts there is contamination.

RR/jp

Attachment (1)

pc Files - Hobbs EID

SEP 07 1995 OCU HOBES OFFICE

0, BOX 1465 7889 FOXAS 79755 77-7274 O 1 55011040

Martin Water Laboratories, Inc.

TOD W, INDIANA
MIDLAND, TEXAS 73701
PHONE 683/4211

RESULT OF WATER ANALYSES

Mary Thomas Mary 14 and		LABORATORY NO	128419	·
. Mr. John Breeding		SAMPLE RECEIVED .	ر بدار در در از	
,D, Law SO, Lobbo, Ad		RESULTS REPORTED	77-0-0	7
Amoso Production Company	1 5 5 5	South Hob	be Unit	
ELD 02 2001	Topos			
	COUNTY	_2.0.	ATE - !'Y	F:-
COS OS CAMOLE AMO DATE TAMEM		\	^ =	L = Series
50 · Sample 12500. /2500 W.	Midwes	+ Hobbei		CECENT.
10 2502 Wi	midwes,	t 1106351		SEP OF 1995 OFFICE BS
10m111 01537 (120' - 22 from	curtace).	, , , , , , , , , , , , , , , , , , , 	<i>†</i> ·	7 10gc
NO. 3				CU NO.
NO. 6				ORDE BOOK
WARKS:			·	-1165
CHEMICAL AV	D BHYSICA.	_ PROPERTIES	····	.
	<u> </u>	<u> </u>	NO. 3	٧٥. ٪
Justina Cravity at 50° F.		1.0027	1.4025	
im milen sampled				,
pm wirefi Nageryad	/ • • -		7.5	<u>'</u>
Licurochate as HCO3	445	603	337	
Supervisiteration as CaCO3				
C persaturation as CuCO3		N 77.		
Total margness as CaCO3	595	300	73 ٤	
Calibram as Ca	171	248	220	
Tayars om as Mg	40	44	39	
Spc um and/or Potassium	136	206	229	
Suffice as SC4	276	430	453	
Chioride as Cl	206	227	327	
on as ife	0.17	0.16	0.2	
Car um as Ba				
There dity, Electric			'	
Co.or as ?t		<u>;</u>	l.	
Total Selies, Calculated	1,239	1,747	1,604	
Memmerature 34.				
Carpon Diexice, Calculated	 		·	
Dissolved Oxygen, Ainkier			<u>. ;</u>	_
mydrogen Sulfide	0.0		0.0	
Resistivity, onms/m at 77" F.	ا. ، . ا	0 4,75	5. (00
Custendes Ot.			····	<u> </u>
f. traple Solies as mg/(ļ		
Volume Fritered, mr			•	:
Jil a smeana	1.5	1.3	0.0	<u>)</u>
Results R	eported As Mill	igrams Per Liter		
Adeltional Determinations And Remarks The Uniden	signed ce	rtiliae the abo	ove to be	true and cor
that so the bees of his knowledge a				

Martin Water Laboratories, Inc.

WATER CONSULTANTS SINCE 1953 EACTERIAL AND CHEMICAL ANALYSES 709 W. INDIANA MIDLAND, TEXAS 797 PHONE 683-4521

P. O. BOX 1468 MONAHANS, TEXAS 79756 PH. 943-3234 OR 563-1040

GENERAL METHOD OF STERILIZING WATER WELLS AND THE HOUSEHOLD PIPING SYSTEM

The water well should be treated with 2 to 3 gallons of household bleach (Purex, Chlorox, or other similar bleach) by pouring the bleach down the annulus. The annulus is the space between the large surface pump and the pipe that is run into the well with the pump on it.

After treating the above, a hose should be attached to the nearest faucet past or on the pressure tank and water run into the annulus for about 30 minutes to wash down and mix the chlorine treatment.

Following the above two actions, all faucets in the water system should be opened and flushed until a distinct odor of chlorine is noted: then the faucet should be shut off. After all the faucets in the system have been so flushed, then these faucets should be shut off and allowed to stand for two hours with no water being used out of the system. During this period, the system should be watched carefully so that no one uses the water for any purpose and especially should be protected against children using the water. During this period, the water will have a very strong bleach in it and can be very irritating, even to the skin.

After the above two-hour waiting period, each faucet should then be flushed about the same length of time as the previous flush with as many faucets running at one time as is possible. All the faucets should then be shut off for another hour. During this time water should not be used from the system for any purpose and the system should be especially protected against children using the water.

At the end of the above one-hour waiting period, all faucets on the end of all the lines should be opened and flushed to waste until there is clearly no chlorine odor at the end of the line. It is suggested that this main flushing should not go into a private septic system though minor flushing of faucets should not be harmful. Then all the faucets in the system should be flushed in like manner until there is no odor of chlorine in the water at any faucet.

It should be clarified that this is for the purpose of average domestic water systems; and if the system is very small or very large, then adjustments are needed.





P O BOX 1468 MONAHANS, TEXAS 79756 PH 943-3234 OR 563-1040

. .: **

Martin Water Laboratories, Inc.

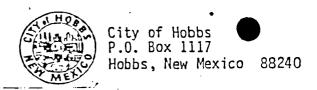


Robert C. Middleton, B.S.

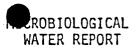
709 W INDIANA MIDLAND, TEXAS 79701 PHONE 683-4521

RESULT OF WATER ANALYSES

Amoco Production Company	SAI RE RE Hobbs Lease - DUNTY Le		12-5-64 12-6-84 bs Unit	
Amoco Production Company FIELD OR POOL SECTION ELOCK SURVEY CO SOURCE OF SAMPLE AND DATE TAKEN: Cample #2500. NO. 1 NO. 2 NO. 3 Cample #2507 (120' - 22' from our	Hobbs Lease -	South Hob	bs Unit	
Amoco Production Company FIELD OR POOL SECTION ELOCK SURVEY CO SOURCE OF SAMPLE AND DATE TAKEN: Cample #2500. NO. 1 NO. 2 NO. 3 Cample #2507 (120' - 22' from our	Hobbs Lease -	South Hob	bs Unit	
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NO. 3 Sample \$2507 (120' - 22' from our	riace). Physical F			
NO. 4		PROPERTIES		
		PROPERTIES		
REMARKS:		PROPERTIES		
CHEMICAL AND F	NO. 1			
		NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	0.320	1.302/	1.0026	
pH when Sampled				
pH When Received	7.25	1.11.4	7.36	
Bicarbonate as HCO3	440	603	337	
Supersaturation as CaCC3		<u> </u>		
Undersaturation as CaCO3				
Total Hardness as CaCO3	395	ຮູບບ	33٪	
Calcium as Ca	172	248	220	
11-gnesium as Mg	46	44	39	·
Sodium and/or Potassium	136	206	229	
Sulfate as SO ₄	276	430	453	
Chloride as Cl	166	217	327	
Iron as Fe	0.14	0.16	0.21	
Barium as Ba	0.14	0.10	0.21	
Turbidity, Electric		 		
Color as Pt				
	,239	1.747	1,604	
Temperature *F.	1400	10/4/	2,004	
Carbon Dioxide, Calculated		 		
Dissolved Oxygen, Winkler		 		
Hydrogen Sulfide		9.3	0.2	
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Suspended Oil			1 1	
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Ull & Grease	1.5	1.3	0.0	
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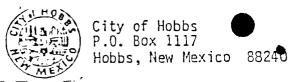
atth: John Breeden

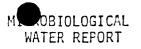


Lab Certification No.

ime Test Started 2.00		05-01-84					
Time_Test Ended 2:20			Date R	eceive	d	Time Re	ceiv
late Reported To Water System 12-7-84		12	-5-e	4		10:35	
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12 5 84 2500 w mid west	F 10m	1					
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Public Non-Community [] Public Community		·					MF
Private Well [] Swimming Pool Disinfected [] Yes [] No							MF
Residual: mg/L (required for fecal test)		<u> </u>				<u>.</u>	,
REASON FOR SAMPLING	A fee	of \$10.0	00 is c	harged	for eac	ch water to	est.
Par Routine Sample [] Special Sample							_
] Check Sample [] Monitoring Sample					ot fo	illow ndards.	
TESTING REQUIRED Theck One	_				J		
Potability-Sample required [] Fecal- for the Safe Drinking coliform Water Act.	•						
]] Other			Mar	cut f.	Buco	<u> </u>	•
SEND REPORT AND BILL TO THE FOLLOWING (Name - Address - Phone) Anioco F] Produce	tion	pact	eriolog			
Box 68 Hobbs		·		RE	CEIV	ED	

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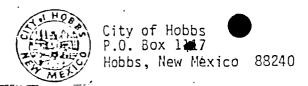
ND REPORT AND BILL TO THE FOLLOWING

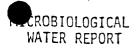
Tame - Address - Phone)

) Amoco Froduction
Box 68
Hobbs

atth: John Breeden

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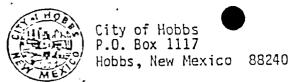




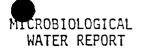
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Attn: John Breeden

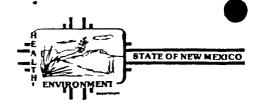
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attn: John Breeden



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MEMORANDUM

August 27, 1982 DATE:

TO:

Paul McGinnis

FROM:

Percy Blair, District IV Engineer

SUBJECT: HOBBS WSC 80-20 (GIBBS AREA) O&M MANUAL

The attached letter from Brown, Henderson & Associates, Inc. requesting a waiver for an O&M manual for the above project was received on 8/26/82. It has been discussed in person with Terry Brown and Russell Doss, Hobbs city engineer.

Since the entire project consists of routine distribution lines and fire plugs and since we have As-Built plans, I agree that no O&M manual is needed and recommend that the requirement be waived.

PFB/tkm

Enclosure (1)

cc: John Guinn

Tom Burt

Hobbs Field Office

File (2)

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AUG 3 0 1982 HOBBS OFFICE &Z

EID ENGINEERING DIVISION CONSTRUCTION INSPECTION REPORT

Submitted to Paul McGinnis, Water Supply Engineering				
Project/Loca	tion Gibbs Area Water Project,	Report Date 8/27/82		
Hobbs, I	ea County	Date of Inspection 8/26/82		
Project No.	WSC 80-20	Report By Percy F. Blair, P.E. OFB		
Contractor _	Kent Nowlin Construction Co.	Engineer Brown & King		

% Complete

100

Description of Project/Facility Status:

Final inspection was conducted at 2:00 p.m., 8/26/82 and attended by:

Ken Gleason, City of Hobbs Russell Doss, City of Hobbs Terry Brown, Brown, Henderson & Associates Jeanne Zoltai, Construction Grants Administrator, DFA Percy Blair

Entire scope of the project was discussed and As-Built plans were received. Actual construction had been inspected and approved previously by myself and engineers. Contractor has yet to repair a fence damaged during construction but city is withholding \$5,000.00 until repair is completed.

I recommend acceptance of this project as installed.

PFB/tkm

cc: John Guinn

Tom Burt

Hobbs Field Office

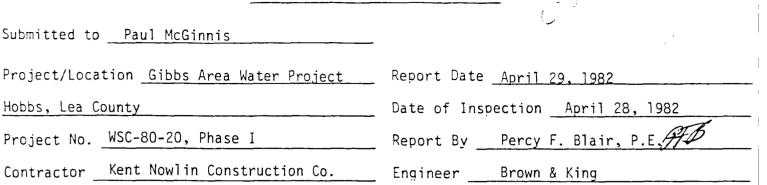
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EID ENGINEERING DIVISION CONSTRUCTION INSPECTION REPORT



% Complete 99

Description of Project/Facility Status:

Change order No. 2 is complete. Balance of project is fundamentally complete except contractor is still looking for and repairing leaks. No date has been set for a final inspection.

PFB/jw

cc: John E. Guinn, District Manager
 Thomas A. Burt, Jr., District Supervisor
 Hobbs EID Field Office
 File (2)

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CONSTRUCTION INSPECTION REPORT

- 3E.

Project/Location Gibbs Area Water Project/	Report Date February 15, 1982
Hobbs, Lea County	Date of Inspection February 11, 1982
Project No. WSC-80-20, Phase I	Report By Percy F. Blair, P.E. FFB
Contractor Kent Nowlin Construction Co.	Engineer Brown & King
	% Complete NA

Description of Project/Facility Status:

Work inspected with Red Pierce, Superintendent.

All new water line has been installed except for approximately 800 ft. on Carlton. Saddles were being welded on existing main on West Marland preparing for tie-ins. Hard rock being jack-hammered for Carlson line.

Pierce anticipates completion in about 6 weeks.

PFB/jw

cc: John E. Guinn
Thomas A. Burt, Jr.
Hobbs EID Field Office
File

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EID Engineering Division CONSTRUCTION INSPECTION REPORT

Project/Location Gibbs Area Water Project, Hobb	2s,Report Date January 15, 1982
Lea County	Date of Inspection January 11, 1982
Project No. WSC-80-20, Phase I	Report By Percy F. Blair, P.E. PFB
Contractor Kent Nowlin Construction Co.	Engineer Brown & King
· ·	Z Complete 50%

Description of Project/Facility Status:

Work inspected with Red Pierce, Superintendent.

Work is progressing rapidly. Contractor has brought in a large hydraulic backhoe and recent excavation has been soft loose caliche and sand. Approximately 10,000 ft. of 6" line is in place and backfilled, along with attendant fireplugs, but not pressure tested. Bedding technique is satisfactory.

PFB/jw

cc: John E. Guinn
Thomas A. Burt, Jr.
Hobbs EID Field Office
File (2)

AEM TOTAL

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Project/Location Gibbs Area Water Project	Report Date December 3, 1981
Hobbs, Lea County	Date of Inspection November 30, 1981
Project No. WSC-80-20, Phases I & II	Report By Percy F. Blair, P.E.
Contractor Kent Nowlin Construction Co.	Engineer Brown & King
	Z Complete N.A.

Description of Project/Facility Status:

Inspected with:

Russell Doss, Assistant City Engineer, Hobbs Red Pierce, Superintendent, Kent Nowlin Construction Co.

Phase I:

Work has been resumed on line on Texas Street and easier trenching is being encountered. Wor manship is satisfactory. Contractor expects to stay on this phase of project until completed

Phase II:

All complete

PFB/jw

CC: John E. Guinn
Thomas A. Burt, Jr.
Hobbs EID Field Office
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CONSTRUCTION INSPECTION REPORT

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Project/Location Gibbs Area Water Project	Report Date November 9, 1981
Hobbs, Lea County	Date of Inspection November 5, 1981
Project No. WSC-80-20, Phases I & II	Report By Percy F. Blair, P.E.
Contractor Kent Nowlin Const. Co.	Engineer Brown & King
	Z Complete N.A.

Description of Project/Facility Status:

Inspected with Brown Edwards, EID & Red Pierce, Superintendent.

Phase I:

Work has been temporarily halted to allow contractor to complete Continental - Broadway Place section of WSC-79-14-III. All of Texaco Road & Texas appears to be complete.

Phase II:

All work appears to be complete and lines in service.

PFB/jw

cc: John E. Guinn
 Thomas A. Burt, Jr.
 Hobbs EID Office
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Project/Location Gibbs Area Water Project;	Report Date October 15, 1981
Hobbs, Lea County	Date of Inspection October 14, 1981
Project No. WSC-80-20, Phase I & II	Report By Percy F. Blair, P.E.
Contractor Kent Nowlin Construction Co.	Engineer Brown & King
	% Complete N.A.

Description of Project/Facility Status:

Work is progressing very slowly. Line on Texaco Road is in and backfilled and approximately 900' is in and backfilled on Texas Street.

Contractor has used approximately 1/3 of allotted time but has only about 1/5 of the line in the ditch. Work done is satisfactory.

PFB/jw

cc: John E. Guinn
 Thomas A. Burt, Jr.
 Hobbs EID Field Office
 File (2)

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CONSTRUCTION INSPECTION REPORT

Project/Location Gibbs Area Water Project	Report Date 8/28/81
Hobbs, Lea County	Date of Inspection 8/27/81
Project No. WSC-80-20, Phase !!	Report By Percy F. Blair, P.E.
Contractor Kent Nowlin Construction Co.	Engineer Brown & West
	% Complete N.A.

Description of Project/Facility Status:

Inspected with Brown Edwards.

Navajo Road line complete except for tie-in at Lovington Highway. Plans showed incorrect location of existing pipe; approximately 70' additional main needed. Additional quantity will be shown on final Change Order.

Work commencing on Dal Paso line: existing main located and ditcher in place set to start.

No work started on West Bender line.

PFB/iw

cc: John E. Guinn Thomas A. Burt, Jr. 4Hobbs Office Jeanne Zoltai File

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EID Engineering Division

CONSTRUCTION INSPECTION REPORT

Project/Location Gibbs Area Water Project	Report Date 8/28/81
Hobbs, Lea County	Date of Inspection 8/27/81
Project No. WSC-80-20, Phase I	Report By Percy F. Blair, P.E.
Contractor Kent Nowlin Construction Co.	Engineer Brown & West
	Z Complete N.A.

Description of Project/Facility Status:

Inspected with Terry Brown, Engineer, and Brown Edwards

Texaco Road only portion started, and little progress. Very hard caliche causes constant breakdowns on ditcher and numerous pipes in Right-of-Way delay further. Screenings from ditch being used for bedding.

West Marland line being flushed and tested.

PFB/jw

cc: John E. Guinn

Thomas A. Burt, Jr.

Hobbs Office Jeanne Zoltai

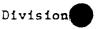
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CONSTRUCTION INSPECTION REPORT

Project/Location Gibbs Area Water Project	Report Date August 6, 1981
Hobbs, Lea County	Date of Inspection August 4, 1981
Project No. WSC-80-20, Phase II	Report By Percy F. Blair, P.E. OFB
Contractor Kent Nowlin Construction Co.	Engineer Brown & West
	Z Complete 0

Description of Project/Facility Status:

No work started on Bender, Dal Paso or Navajo Road; contractor concentrating on Phase I. PFB/jw

cc: John E. Guinn Jeanne Zoltai Tom Burt Hobbs Office V File

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EID Engineering Division

CONSTRUCTION INSPECTION REPORT : El e--- Cu

Project/Location Gibbs Area Water Project Report Date August 6, 1981

Hobbs, Lea County Date of Inspection August 4, 1981

Project No. WSC-80-20, Phase I Report By Percy F. Blair, P.E. PFB

Contractor Kent Nowlin Construction Co. Engineer Brown & West

Z Complete N.A.

Description of Project/Facility Status:

Inspected with Red Pierce, Superintendent.

Work started at Marland and Texaco Road, with approximately 400' of line installed. Progress is slow due to very difficult trenching in hard caliche and numerous pipelines crossing ditch

Sand is being hauled in for bedding - appears OK.

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PFB/jw

'AUG 1 ^

Jeanne Zoltai Tom Burt

cc: John E. Guinn

Hobbs Office

File

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EID Engineering Division



CONSTRUCTION INSPECTION REPORT

Celebranithrock

Project/Location Gibbs Area Water Project	Report Date July 23, 1981		
Hobbs, Lea County	Date of Inspection July 20, 1981		
Project No. WSC-80-20, Phase II	Report By Percy F. Blair, P.E. AFB		
Contractor Kent Nowlin Construction Co., Inc.	Engineer Grown & West		
	% Complete 0		

Description of Project/Facility Status:

City has changed project:

Proposed 8" line on Calle Sur has been removed from the project. It has been installed as a 10" line by a subdivider who plans to develop area between Navajo Road and existing subdivision on Calle Sur.

City of Hobbs plans to submit a request for a change order to change 3" line on Navajo Road to 10" to connect with 10" line on Calle Sur.

No work started on Navajo Road, Bender or Dal Paso (Denver City Highway).

PFB/jw

cc: John E. Guinn
Jeanne Zoltai
Thomas A. Burt, Jr.
Hobbs Office
File



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HOBBS OFFICE

EID Engineering Divisio

CONSTRUCTION INSPECTION REPORT

Project/Location Carlsbad Highway Water Projection	CT, Report Date July 23, 1981
Hobbs, Lea County	Date of Inspection July 20, 1981
Project No. WSC-79-14, Phase II	Report By Percy F. Blair, P.E. PFB
Contractor Kent Nowlin Const. Co.	Engineer Brown & West
	% Complete 50

Description of Project/Facility Status:

Final 50 ft. of West Marland line being backfilled. Previous problem with bedding procedure has been corrected.

Loop on Continental and Broadway Place to be started immediately.

PFB/jw

cc: John E. Guinn
Jeanne Zolati
Thomas A. Burt, Jr.
Hobbs Office
File

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HOBBS OFFICE





CONSTRUCTION INSPECTION REPORT

Project/Location Gibbs Area Water Project,	Report Date July 23, 1981
Hobbs, Lea County	Date of Inspection July 20, 1981
Project No. WSC-80-20, Phase I	Report By Percy F. Blair, P.E. PFB
Contractor Kent Nowlin Construction Co., Inc.	Engineer Brown & West
	% Complete 0

Description of Project/Facility Status:

Engineer has staked part of line on Texaco Road; no actual construction started but due to start immediately.

j₩

cc: John E. Guinn
Jeanne Zoltai
Thomas A. Burt, Jr.
Hobbs Office
File



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EID Engineering Division

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CONSTRUCTION INSPECTION REPORT

Project/Location Gibbs Area Water Project; Hobbs	Report Date July 1, 1981
	Date of Inspection June 24, 1981
Project No. WSC-80-20	Report By Percy F. Blair, P.E.
Contractor Kent Howlin Construction Co.	Engineer Brown & West
	% Complete 0

Description of Project/Facility Status:

Preconstruction conference held June 24, 1981, 10:30 AM, Hobbs City Hall.

Attended by:

Ken Martin, Hobbs City Engineer Russell Doss, Assistant City Engineer Terry Brown, Brown & West Engineers Ken Gleason, Assistant to City Manager Red Pierce, Superintendent for Kent Nowlin

Contractor advised of labor and reporting requirements and admonished about pipe-bedding procedures. Notice-to-proceed will be given effective about middle of July.

City wishes to change size of Navajo Dr. . line from 8" to 10" - will submit C. O. request.

Gibbs Area work will start on Texaco Rd. and proceed more or less clockwise. Brown and West to provide staking just in advance of work.

jw

cc: John E. Guinn
Thomas A. Burt, Jr.
Hobbs Office
Jeanne Zoltai
File

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JUL 7 1981

HOBBS OFFICE

SEP 17 1895 THAT THE BES



MEMORANDUM

DATE:

January 30, 1981

Paul McGinnis, P.E.

Percy Blair, P.E.PFB



T: CARLSBAD HIGHWAY WATER PROJECT WSC-79-14, PHASE III

The location of this project was re-visited on January 29, 1981 and Polaroid snapshots taken (copies enclosed). As shown, the full length of the proposed line on the North side of Marland is solidly developed with industrial and commercial businesses and currently has no city water service. Many of the private wells and small community water systems are polluted. This line is badly needed.

Also shown is a view looking West on Broadway Pl. from its intersection with Broadway, showing industrial development on both sides of the street. Not shown is the large mobile home park at the intersection of Broadway Pl. and Continental. This entire area is presently without city water, and the new line is badly needed.

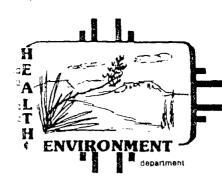
Cross-connection control would have to be exercised by the City of Hobbs, either by disconnection from present sources or installation of backflow preventors, or both.

jw

cc: John E. Guinn Tom Burt Hobbs Office Jeanne Zoltai File



HOLL OFFICE



STATE OF NEW MEXICO

ENVIRONMENTAL IMPROVEMENT DIVISION
406 North Guadalupe
Carlsbad, NM 88220 (505) 885-9023
Thomas E. Baca, M.P.H., Director

Bruce KingGOVERNOR

George S. Goldstein, Ph.D. SECRETARY

Larry J. Gordon, M.S., M.P.H.
DEPUTY SECRETARY

November 14, 1979

City of Hobbs P. O. Box 1117 Hobbs, NM 88240

ATTENTION MR. KEN GLEASON, ADMINISTRATIVE ASSISTANT



Gentlemen:

In reply to your inquiry as to the quality of water in private wells located in the western edge of Hobbs and more specifically, the area locally known as the Gibbs Addition, the following is submitted for your information.

It is the policy of our Division to sample private well water systems upon request from the owners. In this particular instance, no effort was made to conduct a comprehensive environmental survey of the area, but rather to respond to requests from the residents. This, together with our personal knowledge of the area, has given us cause to become quite concerned about the possibility of an outbreak of water-borne disease in the Gibbs Addition of Hobbs. Personnel from this office have monitored water wells in this area for the past several years, even prior to the sample data enclosed, and we feel no hesitancy in declaring that an emminent health threat now exists for the residents of this area.

The Gibbs Addition is an area which is not served by public water supply nor by a sanitary sewer. Thus, it has grown into an area which has private wells and private sewage systems on small lots. Many of the individual wells are located near improperly constructed individual liquid waste systems—cesspools and septic tanks. This condition leads to potential contamination from human wastes, which, in turn, increases the potential for disease in the residents.

A review of our records of bacteriological samples from the Gibbs Addition private water wells from February, 1977 through September, 1979 discloses some startling evidence to substantiate this statement. As noted in the attached summary of those sample reports (from the Gibbs area only), of the twenty-six (26) samples collected, more than 80% exceed the limits for bacteria as required for public water systems, while twelve (12) of those--46% of the total--were so heavily contaminated as to be reported from the laborated as being in excess of the number of bacteria which can be accurately counted.

In the way of explanation, these samples are analyzed by the New Mexico Scientific Laboratory Division for coliform bacteria. These bacteria, of themselves, are not considered to be disease-causing organisms. However, since they originate in the intestinal tract of warm-blooded animals, they do serve to indicate that

City of Hobbs November 14, 1979 Page II

bacterial contamination is entering the water system. (Water from underground wells does not ordinarily contain <u>any</u> bacteria if properly protected.)

As can be seen by the above paragraph, the coliform bacteria can be easily associated with those which are capable of causing disease. Thus, you can appreciate our concern for the need to have a safe, dependable source of water for the Gibbs Addition area of Hobbs. We feel that the proposed public water system extensions by the City of Hobbs will significantly reduce or eliminate the potential for a serious water-borne disease outbreak and we encourage any assistance which may be provided to bring this about.

If you have any questions or if we can be of any service in this matter, please feel free to contact me in Carlsbad at 406 North Guadalupe, Phone (505) 885-9023 or in Hobbs at 300 North Linam, Phone (505) 393-2333.

Sincerely.

1 - What

Tom Burt, District Supervisor

im

Enclosure: Summary of Laboratory Reports

cc John E. Guinn, Environmental Manager, Roswell Francisco Garcia, Water Supply Section, E.I.D., Santa Fe Ivan Hall, SNMEDD, Roswell E.I.D. Office, Carlsbad File

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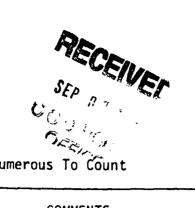
SEP 07 1995

CU HOBBS

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WATER SAMPLES FOR COLIFORM BACTERIA GIBBS ADDITION

HOBBS, N. M.



C. G.	= Confluent Growth	> = Greater Than	TNTC = Too	Numerous To Count
ATE	NAME	ADDRESS	LAB REPORT	COMMENTS
2-23-77	Shed Sign Company	1700 West Marland	4	
§-9 -77	John Stinson, Jr.	3415 West Midwest	25	
8-23-77	Lewis Wright	2701 West Marland	28	Lab report also indicates (cessive non-coliform bacte)
9 14-77	John Stinson, Jr.	3415 West Midwest	c. G.	Sample after disinfecting with chlorine bleach
7-21-77	J. D. Stinson, Sr.	3505 West Midwest	11	Lab report also indicated of fluent growth of non-colifo bacteria tested after disin
b - 08 - 77	J. D. Stinson, Jr.	3505 West Midwest	c. G.	After disinfection
//- 02 - 77	C. W. Ely (Westward Trailer Park)	2921 West Marland	8	10 91
// - 02 - 77	14 15 pp be	ET 40 10	11	1F 81
//-17 - 77	19 11 11 19	10 H	27	11 14
//-21-77	J. D. Stinson, Sr.	3505 West Midwest	> 80	es 66
//-29 -7 7	B. R. Bradshaw	1129 South Edwards	>80	Also excessive non-colifor bacteria
· 				

WATER SAMPLES FOR COLIFORM BACTERIA GIBBS ADDITION

HOBBS, N. M.



				TONE DE
C. G.	= Confluent Growth	> = Greater Than TNT	C = Too	Numerous To Count
TE	NAME	ADDRESS	LAB REPORT	COMMENTS
/-29-78	B. R. Bradshaw	1129 South Edwards	C. G.	After disinfection
227-78	George Barshears	Carlsbad Hwy. (U.S. 62- 180)	8	Petroleum also suspected, n lab confirmed
3-28-78	C. K. Phillips	808 Texaco	0	
(2-19-77)	C. W. Ely (Westward Trailer Park)	2921 West Marland	0	These samples collected aft permanent chlorinator was i stalled on system
(12-19 - 77)	66 B0 B0	49 57 49	0	
/-31-79	P. R. Wilson	2623 1/2 West Marland	0	
6-26-79	Hickey	3300 West Marland	C. G.	
7-23-79 7-23-79	on 10	18 10 11 11 11 10	c. g. c. g.	Taken from same sample poir other bacteria "citrobacter isolated also in one of the
7-23-79	н	11 11 11 ·	c. g.	samples
762-79	B. J. Smith	1007 South Grimes	32	
<i>8-0</i> 6-79	B. J. Smith	1007 South Grimes	0	TNTC Non-Coliforms (after d infection of well)
			 	

WATER SAMPLES FOR COLIFORM BACTERIA

GIBBS ADDITION

HOBBS, N. M.

TE	NAME	ADDRESS	LAB REPORT	COMMENTS
7-79	J . D. Stinson, Sr.	3505 West Midwest	C. G.	
3-79	J. D. Stinson, Sr.	tt u u	C. G.	
1-79	J. D. Stinson, Jr.	3415 West Midwest	C. G.	
] (26 Samples (in Gibbs Add (80.77%) 21 Exceed record (46.15%) 12 had an over	dition) mmended limits for public prowth or too many bacter	water supplies ia to accurately	count
- 1			Dn.	
			CEIVE	.
			RECEIVE SEP 0 1995 CU HOBBS	

CC . JERRY SEX 100 ROJEN ANDENSON BUL OLSON

NEW MEXICO OIL CONSERVATION COMMISSION

N	C L A	F A	H	Q U A		•	TELD TRIP REPORT		
P	S	I	R	R	Name WAYNE	PRICE	Date	Miles	District I
ECTIO	I F I	F A C I L I T Y		E R	Time of Departur	re <u>7 AM</u>	Time of Return	4 PM	Car No. G 047
ON	CATHON	Y		H O U R S	In the space bel performed, list:	ing wells or/lea	purpose of the trip ases visited and any	and the dutie action taken.	es
					9/1/95 -	LEE ROBE	ets with a	iëll	
W	0	0	2	0	/	807 RASH	- HOBBS MA		
							WATER FROM		
						CIEY of	HABS RAN A	FIELD TES	7
						FOR BIE	× ~ .6 M	Il 451	US
						DTECH MO	£ TK-1803-	1	
					9/6/95 -	SAMBLED	Top of WAL	EN VELL	USING
						pustic	DISPOSABLE BA	ILEN 21	th Mp.
					K	20BENTS-	RESULTS: 2	Atta cla	AL, NODERAL
					HYDRO CARBON	SMBIL,	PIO (Atox-	HEAD SPACE	3) = 22 0 Apr
					CL = 35 pp	u TAS=	800 WILLIAMS -	RAN BLANK	PINE John
					Mileage	· 	Per Diem	Hours	
					UIC		uic		
					RFAOther _		RFA	RFAOther _	
L		INSP		ON		INSPECTION CLASSIFICATION			E OF SPECIFIC WELL.

H - Housekeeping P = Plugging C = Plugging Cleanup T = Well Test

R - Repair/Horkover F - Waterflow

M - Mishap or Spill W - Water Contamination

0 = Other

- U Underground Injection Control Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SWD. 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.)
- R = Inspections relating to Reclamation Fund Activity
- 0 = Other Inspections not related to injection or The Reclamation Fund
- E Indicates some form of enforcement action taken in the field (show immediately below the letter U, R or O)

D = Orilling P = Production

I - Injection

C = Combined prod. inj. operations S = SWD

U = Underground Storage G - General Operation

F = Facility or location M - Meeting

0 - Other

NEW MEXICO OIL CONSERVATION COMMISSION FIELD TRIP REPORT

I N	CL	F A	H. 0	Q U			FIELD	TRIP REPORT			
S	CLASSIFICATI	C I L	U R	A R	Name	_WAYNE PRICE	<u> </u>	Date	Miles	,	District I
E C	I	·I	5	E		f Departure7		Time of Return			
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1	-	-				RFA		IC			
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		INSI ERFOR		ON			PECTION FICATION				SPECIFIC WELL.
	P = T = F	Well Repa Water	ing Test Lr/Wo	Cleanup		resulting from injection and parts, surface R = Inspections re.	ection project, injection into production well injection equi lating to Recla	facility, or well any well. (SWD, a, water flows or pment, plugging, mation fund Activ	l or 2ndry pressure etc.)	S - SWD	etion
		Othe		taminatio		0 = Other - Inspec Reclamation Fun E = Indicates some	nd			G = Gener P = Fact: M = Meet:	ral Operation Lity or location Lng
						tield (show im	mediately below torm of enforce	ement action take the letter U, A	m in the	0 - Other	

CITY OF HOBBS 12,30

300 N. Turner Hobbs, NM 88240 Lab # 9411

Time Test Began Date

Time Test Ended Date _

MICROBIOLOGICAL WATER REPORT

Date Received 8-29-95	_
Time Received 11:09	
Bassived by 7-5	

SA	MPLE IDENTIFIC	ATION	TESTING REQUIRED			
Quality Control No		County	[] MF-Total Coliform X MMO MUG-Total Coliform			
95 U 30	/	LEA	LARORATORY	TEST RESULTS		
Water Supply Syste LEE ROBER 807 RASH -	75	WSS Code No.	Total Coliforms / 100 ml [] Absent [] Present [] Absent [] Present [] Total Coliforms / 100 ml			
	LECTION INFOR	MATION				
Date Collected Mo. Day Yr.	Time Collected	Collected By UAYUR PRICE	Fecal Coliforms / 100 ml [] Absent [] Present	E. coli / 100 ml Absent [] Present		
8 29 95	C-W-	ction Point	INVALID	SAMPLE		
•	WATER WEL		If one of the following is chec			
	TYPE OF SYSTE	EM .				
Check One			REJECTE	D SAMPLE		
[] Public Non-Community [] Swimming Pool [] Public Community [Private Well Disinfected [] Yes [] No Residual: mg / 1 (required for fecal test)			If one of the following is checked, resample. [] Sample too old. [] Temperature violation. (above 10° C) [] Form incomplete. See circled item. [] Date discrepancy. [] Leaking Sample. [] Quantity insufficient for testing. - [] Quantity too great to permit agitation.			
	EASON FOR SAM	PLING	[] Turbid sample.			
Check One [] Routine Sample		Special Sample	[] Other			
[] Check Sample		Monitor Sample	FOR INTERPRETATION OF RESULTS CALL THE NEW MEXICO ENVIRONMENT DEPARTMENT AT 393-4302.			
SEND REPORT ANI	BILL TO THE FO		Bacteriologist A FEE OF \$10.00 PLUS TA	X is charged for		
ADDRESS / do			EACH TEST.	277 (2), 2 h		
PHONE 505	-393-61	61	OFFICE USE ONLY			
		ath m				

NITROGEN, NITRATE, HIGH RANGE 500.0 nm

NitraVer 5 Accu

Lee Roberts - 807 Rash as per Wayne Price (NMCD)

Tom Smith

07/11/1995 - 4:08 PM

Sample =====	Value	Comment ====================================
1	0.0 mg/L	Blank
2	2.1 mg/L	Sample

UTILITY DIVISION — CITY OF HOBBS

Phone (505) 397-9216

300 North Turner

HOBBS, NEW MEXICO 88240

ACCT # 2000420

Wayne Price New Hexico Oil Conservation 1000 W. Broadway Hobbs, NH 88240

Γ

INVOICE

104915

DATE

09-06-1995

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
1	Water test-807 Rash Lee Roberts 08-29-95	10.00	10.00
		SUBTOTAL TAX	\$10.00
		TOTAL	\$10.60
		SEP 2 8 1995	Notice)2
	*		

TO INSURE PROPER CREDIT, PLEASE PUT INVOICE NUMBER AND LOCATION TESTED ON YOUR CHECK. PLEASE RETURN ONE COPY OF INVOICE WITH PAYMENT. THANK YOU.

CC 2 BLNOCK

CITY OF HOBBS 300 N. Turner Hobbs, NM 88240

Lab # 9411

12:30 Time Test Began Time Test Ended

MICROBIOLOGICAL WATER REPORT

Date Received	8-29-95	
Time Received	11:09	
Received by	7-5	

SAMPLE IDENTIFICATION			TESTING REQUIRED				
Quality Control No. 95 H 37		County	[] MF-Total Coliform	MMO MUG-Total Coliform			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			LABORATORY	TEST RESULTS			
Water Supply System Name LEE ROBERTS 807 RASH - HOBBS COLLECTION INFORMA Date Collected Mo. Day Yr. //:00AM		WSS Code No. IATION Collected By WAYNE PRICE	Total Coliforms / 100 ml [] Absent [] Present Fecal Coliforms / 100 ml [] Absent [] Present	Total Coliforms / 100 ml [] Absent			
8 29 95			INVALII	SAMPLE			
WATER WELL SIPGET			If one of the following is checked, resample. [] TNTC Non-Coliforms [] Confluent Growth				
Charle One	TYPE OF SYSTE	141	REJECTE	D SAMPLE			
Check One [] Public Non-Community			[] Quantity insufficient for testing.				
RI	EASON FOR SAMI	PLING	[] Quantity too great to permit agitation. [] Turbid sample.				
Check One [] Routine Sample [] Special Sample			[] Other				
[] Check Sample [] Monitor Sample			I ·	F RESULTS CALL THE NEW DEPARTMENT AT 393-4302.			
NOTE: FLAM	to full of	sippot/ USEA go	OVES I ICE SAM	pré			

SEND REPORT AND BILL TO THE FOLLOWING: NAME NAM WAYNE PRICE COMPANY NM OIL CONSERVATION PIU ADDRESS 1000 W BROADWAY PO BOX 1980 505-393-6161

Bacteriologist

A FEE OF \$10.00 PLUS TAX IS CHARGED FOR

EACH TEST.

OFFICE USE ONLY

ACCT. #





MEMORANDUM OF MEETING OR CONVERSATION

Telephone Personal	Time gran Am		late 8/28/95	
Originating Party	Other Parties			
LEE ROBERTS - 807 R	ASH HOBBS			
Subject				
WATER WELL				
		· · · · · · · · · · · · · · · · · · ·		
Discussion MP. ROBERTS	efquested	NMOCI) INVESTIGATE	
SOUPEE of	CONTAMIN	Ation		
MR. ROBENTS:	INDICATED	NORRIS	SUCKER PUP	
CO. 15 WA	sking aff	RUS	+ WATBU 15	
DIS ZAMGIN	1 70 EX	ROUD.		
			in the second of	
Conclusions or Agreements				
DISTRICT SUPERVISOR	# RBC	MAENL	RUN VITEMES	
DUE TO PREVIOUS A	VITPATE C	sutami	WATER IN ARBA!	
<u></u>	·			
Distribution CC: JERRY SEXTER AND	SON SON SI	gned lane		

NEW MEXICO OIL CONSERVATION COMMISSION

I C N A S	F A C I L	H O	Q U A R		ELD TRIP REPORT	
PS	L	ŝ	TE	Name WAYNE PRICE	Date <u>\$\29/95</u>	MilesDistrict I
ASSIFICA PECTIO	T		R	Time of Departure 7 AM	Time of Return	4 PM Car No. G 047
O N T O N			H O U R S	In the space below indicate the performed, listing wells or leas Signature	purpose of the trip a	
				RE: LEE ROBERTS 807 RASH	WATER WILL	ELL y
				Took WATE	TAMPY	1/2 + Rio-
				() [(-p))- /	<u>KUN</u>	
					·	
				UIC	Per Diem UIC RFA Other	Hours UIC RFA Other
	INSPEC			INSPECTION		WATER OF CREATER AND
H = H: P = P: C = P: T = W: R = R: P = W: M = H:	ouseke luggin luggin ell Te epair/ sterfl ishap	epine g Cle st Worke or Se	Panup Dver	U = Underground Injection Contro related to injection project resulting from injection int injection and production wel tests, surface injection equ R = Inspections relating to Recl O = Other - Inspections not rela Reclamation Fund E = Indicates some form of enfor field (show immediately below	. Incility, or well or or any well. (SND, 2ndry ls. water flows or press; ipment. plugging, etc.) amation Fund Activity ted to injection or The	P = Production I = Injection C = Combined prod. inj. operations S = SND U = Underground Storage G = General Operation



CITY OF HOBBS 300 N. Turner Hobbs, NM 88240 Lab # 9411

MICROBIOLOGICAL WATER REPORT

	Lab # 9411		Date Receiv	ved		
Time Test Began 🚣	Date _	5/29/98		ved		
Time Test Ended			Received by			
SA	MPLE IDENTIFICA	ATION	TESTING R	REQUIRED		
Quality Control No		County				
· 45 # 37	7	LEA	[] MF-Total Coliform	[] MMO MUG-Total Coliform		
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	667	LABORATORY 7	TEST RESULTS		
Water Supply System	T5	WSS Code No.	Total Coliforms / 100 ml	Total Coliforms / 100 ml		
1807 RASH -	H0865		[] Absent [] Present	[] Absent [] Present		
COL	LECTION INFORM	MATION	Fecal Coliforms / 100 ml	E. coli / 100 ml		
Date Collected Mo. Day Yr.	Time Collected	Collected By WAYNE PRICE	[] Absent [] Present	[] Absent [] Present		
8 29 75			INVALID	SAMPLE		
	1	ction Point	If one of the following is check	ad resample		
	WATER WEL	C 5/1927	I TNTC Non-Coliforms	[] Confluent Growth		
	<u> </u>		[] INTO Non-Comorms	[] Comment Growth		
	TYPE OF SYSTE	IM				
Check One			REJECTED SAMPLE			
[] Public Non-Con	nmunity [] Swimming Pool	If one of the following is checked, resample. [] Sample too old. [] Temperature violation. (above 10° C) [] Form incomplete. See circled item.			
[] Public Commun	nity [4	Private Well				
Disinfected [] Yes [] N	lo.				
		.•	[] Date discrepancy.			
Residual:	mg / 1	(required for fecal test)	[] Leaking Sample.			
	11.		[] Quantity insufficient for te	esting.		
Rì	EASON FOR SAMI	PLING	[] Quantity too great to pern	nit agitation.		
	DIEDON I OIL DIEMI	, ,	[] Turbid sample.			
Check One			[] Other			
[] Routine Sample	• ['	Special Sample				
[] Check Sample	J] Monitor Sample	FOR INTERPRETATION OF MEXICO ENVIRONMENT I			
NOTE: FLAM	ed end ed	sippt used go	LOUFS / ICE SAMP	ž ¢ .		
antin panona				•		
SEND REPORT ANI	A .		Bacteriologist	A Company of the Comp		
COMPANY WM	OK CONSEI	evition piv	A FEE OF \$10.00 PLUS TAX	X IS CHARGED FOR		
ADDRESS	O De BROK	lowy	EACH TEST.	n de santa de la composición del composición de la composición de la composición de la composición del composición de la composición del composición de la composición del composición de la composición del composición del composición del composición de la composici		
	969 1	<u> </u>	OFFICE USE ONLY	·		
PHONE 505	5-393-61	01	OFFICE ODE ONLI			
			ACCOD #			

CC: KUGEN AMEASIN RICL OLSON JERRY SEKTON MILEAGI

May 1-

UIC:	
OTHER:	

OIL CONSERVATION DIVISION COMPLAINT FORM

PERSON COMPLAINING:	INFORMATION TAKEN BY:
NAME: Lee ROBERTS	TAKEN BY: WAYNE PRICE
ADDRESS: 807 RASH	DATE: 8/14/95 TIME: =2:30 fm
HOBBS N.M. 88290	IN PERSON: BY PHONE:
PHONE: 393-9687	
COMPLAINT: WATER FROM WELL	is contamnated - MAED respection
HON TO PMOCD.	
COMMENTS: WATER HAS HYDROCA	RBIN IN IT BAD SMELL + TASTE
WATER HAS BEEN GOOD IN	
_	STIGATION -
investigator: <u>Wayne Price-um</u>	de A
DATE: 8/14/95	
TIME: # 3:15 fm	
DESCRIBE INVESTIGATION AND FINDINGS:	TOOK WATER SAMPLE AT
WATER WELL TANK-	· · · · · · · · · · · · · · · · · · ·
RESULTS Of FIELD TEST-	TOS = HUMHOS 1100 MANIES
	OL ~ 75 PPM ; PH 7-8
	BTEX(PID): MAX = 695 PAM(HEAD SPACE)
	OLFNETORY - SLIGHT to MODERATE SMELL
_	VISUAL - CLEAR WATER
WATER APPEARS TO BE CON	LAUNINATED WITH VOLITICE HYPROCAPPIA
SOURCE WAKNOWN!!	LLOW-UP -
- 10.	LLOW-OF -
DATE:	
TIME:	
ACTION TAKEN:	

*ATTACH ADDITIONAL SHEETS, IF NECESSARY



2709-D Pan American Freeway, NE Albuquerque, NM 87107 Phone (505) 344-3777 FAX (505) 344-4413

ATI I.D. 511344

December 22, 1995

New Mexico Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505

Project Name/Number: ROBERTS WELL

Attention: Mark Ashley

On 11/15/95, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze aqueous sample(s). The sample(s) were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

EPA method 8010/8020 analyses were performed by Analytical Technologies, Inc., Albuquerque, NM.

EPA method 300.0, 325.2, 340.2, 353.2, 150.1, 375.2 and 160.1 analyses were performed by Analytical Technologies, Inc., 9830 S. 51st Street, Suite B-113, Phoenix, AZ.

All other analyses were performed by Analytical Technologies, Inc., 225 Commerce Drive, Fort Collins, CO.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Kimberly D. McNeill Project Manager

MR:jt

Enclosure

Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

H. Mitchell Rubenstein, Ph.D.

Laboratory Manager

Analytical**Technologies,**Inc.

CLIENT

: NMOCD

DATE RECEIVED

:11/15/95

PROJECT #

: (NONE)

PROJECT NAME

: ROBERTS WELL

REPORT DATE

:12/22/95

ATI ID: 511344

 	ATI	CLIENT	DATE		
	ID #	DESCRIPTION	MATRIX	COLLECTED	
01	511344-01	1540111495	AQUEOUS	11/18/95	

---TOTALS---

MATRIX AQUEOUS #SAMPLES

1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical**Technologies,**Inc.

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GENERAL CHEMISTRY RESULTS

ATI I.D. : 511832

CLIENT : ANALYTICAL TECHNOLOGIES OF NM, INC. DATE RECEIVED : 11/17/95
PROJECT # : 511344

REPORT DATE : 12/22/95 PROJECT NAME : ROBERTS WELL

PARAMETER	UNITS	01
CARBONATE (CACO3)	MG/L	<1
BICARBONATE (CACO3)	MG/L	367
HYDROXIDE (CACO3)	MG/L	<1
TOTAL ALKALINITY (AS CACO3)	MG/L	367
BROMIDE (EPA 300.0)	MG/L	0.4
CHLORIDE (EPA 325.2)	MG/L	126
CONDUCTIVITY, (UMHOS/CM)	• •	944
FLUORIDE (EPA 340.2)	MG/L	1.41
NO2/NO3-N, TOTAL (353.2)	MG/L	1.1
PH (EPA 150.1)	UNITS	7.2
SULFATE (EPA 375.2)	MG/L	76
T. DISSOLVED SOLIDS (160.1)	MG/L	670

GENERAL CHEMISTRY - QUALITY CONTROL

Analytical Technologies, Inc.

CLIENT : ANALYTICAL TECHNOLOGIES OF NM, INC.

PROJECT # : 511344

PROJECT NAME: ROBERTS WELL ATI I.D.: 511832

PARAMETER	UNITS	ATI I.D.	SAMPLE RESULT	DUP. RESULT	RPD	SPIKED SAMPLE		% REC
BICARBONATE HYDROXIDE TOTAL ALKALINITY BROMIDE CHLORIDE CONDUCTIVITY (UMHOS/CM) FLUORIDE NITRITE/NITRATE-N (TOT PH SULFATE	MG/L MG/L MG/L MG/L MG/L MG/L MG/L UNITS MG/L MG/L MG/L	51177005 51183201 51181102 51187001 51183201 51249903 51177005 51178605 51183201	0.29 6.0 150	<1 662 <1 662 0.5 630 10800 1.40 0.29 6.0 150 670	NA 0.2 NA 0.2 22 3 0.9 0.7 0	NA NA NA 2.8 1150 NA 2.80 2.32 NA 350 NA	NA NA NA 2.0 500 NA 1.40 2.00 NA 200	NA NA NA 120 108 NA 99 102 NA 100 NA



TOTAL POTASSIUM MODIFIED METHOD 6010

Lab Name:

Analytical Technologies of Colorado, Inc.

Client Name:

ATI-NM

Client Project ID: Roberts Well - NMO

Work Order Number: 95-11-163

Sample Matrix: Aqueous

Date Collected: 11/14/95

Prep Date:

11/21/95

Date Analyzed: 11/21/95

Analyte	Client Sample ID	Lab Sample ID	Concentration mg/L	Detection Limit mg/L
Potassium	Reagent Blank	RB 95-11-163	ND	1
Potassium	1540111495	95-11-163-01	3	1

ND = NOT DETECTED



TOTAL POTASSIUM MATRIX SPIKE

Lab Name:

Analytical Technologies Inc.

Sample ID

Client Name:

ATI-NM

1540111495

Lab Sample ID: 95-11-163-01

Sample Matrix: Aqueous

Prep Date:

11/21/95

Date Analyzed: 11/21/95

Analyte	Spike Added mg/L	Sample Conc. mg/L	MS Conc. mg/L	% REC (limits 80-120%)	Flags
POTASSIUM	40	3	43	100	

Analyte	MSD Conc. mg/L	MSD % REC (limits 80-120%)	Relative % Difference (limits 0-20%)	Flags
POTASSIUM	3	43	100	

TOTAL METALS



Lab Name: Analytical Technologies of Colorado, Inc.

Client Name: ATI - NM

Client Project ID: Roberts Well - NMO

Lab Sample ID: 95-11-163-01

Sample Matrix: Aqueous

Sample ID

1540111495

Date Collected: 11/14/95

Prep Date: 11/21/95

Date Analyzed: 11/21/95

	Modified	Concentration	Detection Limit
Analyte	Method	mg/L	mg/L
Aluminum	6010	ND	0.2
Antimony	6010	ND	0.02
Arsenic	6010	ND	0.01
Barium	6010	0.1	0.1
Beryllium	6010	ND	0.005
Boron	6010	0.2	0.1
Cadmium	6010	ND	0.005
Calcium	6010	140	1
Chromium	6010	ND	0.01
Cobalt	6010	ND	0.01
Copper	6010	ND	0.01
Iron	6010	0.8	0.1
Lead	6010	ND	0.003
Magnesium	6010	25	1
Manganese	6010	0.14	0.01
Molybdenum	6010	ND	0.01
Nickel	6010	ND	0.02
Selenium	6010	ND	0.005
Silicon	6010	29	0.05
Silver	6010	ND	0.01
Sodium	6010	56	1
Thallium	6010	ND	0.01
Vanadium	6010	0.01	0.01
Zinc	6010	0.15	0.02

ND = Not Detected

TOTAL METALS



Lab Name: Analytical Technologies of Colorado, Inc.

Client Name: ATI - NM

Client Project ID: Roberts Well - NMO

Lab Sample ID: RB 95-11-163

Sample ID

Reagent Blank

Date Collected: N/A Prep Date: 11/21/95

Date Analyzed: 11/21/95

	Modified	Concentration	Detection Limit
Analyte	Method	mg/L	mg/L
Aluminum	6010	ND	0.2
Antimony	6010	ND	0.02
Arsenic	6010	ND	0.01
Barium	6010	ND	0.1
Beryllium	6010	ND	0.005
Boron	6010	ND	0.1
Cadmium	6010	ND	0.005
Calcium	6010	ND	1
Chromium	6010	ND	0.01
Cobalt	6010	ND	0.01
Copper	6010	ND	0.01
Iron	6010	ND	0.1
Lead	6010	ND	0.003
Magnesium	6010	ND	1
Manganese	6010	ND	0.01
Molybdenum	6010	ND	0.01
Nickel	6010	ND	0.02
Selenium	6010	ND	0.005
Silicon	6010	ND	0.05
Silver	6010	ND	0.01
Sodium	6010	ND	1
Thallium	6010	ND	0.01
Vanadium	6010	ND	0.01
Zinc	6010	ND	0.02

ND = Not Detected

TOTAL METALS MATRIX SPIKE



Lab Name: Analytical Technologies of Colorado, Inc.

Client Name: ATI - NM

Lab Sample ID: 95-11-163-01

Sample ID

1540111495

Prep Date: 11/21/95

1/95

	110p 2 400. 12. = 1. > 0
Sample Matrix: Aqueous	Date Analyzed: 11/21

	Spike	Sample	MS	% Rec	
	Added	Conc.	Conc.	(limits	
Analyte	mg/L	mg/L	mg/L	80-120%)	Flags
Aluminum	2.0	< 0.2	2.1	105	
Antimony	0.50	< 0.02	0.50	100	
Arsenic	2.0	< 0.01	2.1	105	
Barium	2.0	0.1	2.2	105	
Beryllium	0.050	< 0.005	0.050	100	
Boron	1.0	0.2	1.2	100	
Cadmium	0.050	< 0.005	0.050	100	
Calcium	40	140	180	100	
Chromium	0.20	< 0.01	0.20	100	
Cobalt	0.50	< 0.01	0.49	98	
Copper	0.25	< 0.01	0.26	104	
Iron	1.0	0.8	1.8	100	
Lead	0.50	< 0.003	0.49	98	
Magnesium	40	25	65	100	
Manganese	0.50	0.14	0.62	96	
Molybdenum	1.0	< 0.01	1.0	100	
Nickel	0.50	< 0.02	0.50	100	
Selenium	2.0	< 0.005	2.1	105	
Silicon	0.50	29	30	200	See note
Silver	0.20	< 0.01	0.19	95	
Sodium	40	56	96	100	
Thallium	2.0	< 0.01	2.0	100	
Vanadium	0.50	0.01	0.51	100	
Zinc	0.50	0.15	0.70	110	

Flags described on following page.

TOTAL METALS MATRIX SPIKE DUPLICATE



Lab Name: Analytical Technologies of Colorado, Inc.

Client Name: ATI - NM

Lab Sample ID: 95-11-163-01

Sample ID

1540111495

Prep Date: 11/21/95

Date Analyzed: 11/21/95

Sample Matrix:	Aqueous
----------------	---------

	MSD	MSD	Relative	
	Conc.	% Rec	% Difference	
Analyte	mg/L	(limits 80-120%)	(limits 0-20%)	Flags
Aluminum	2.1	105	0	
Antimony	0.51	102	2	
Arsenic	2.1	105	0	
Barium	2.2	105	0	
Beryllium	0.051	102	2	
Boron	1.2	100	0	
Cadmium	0.052	104	4	
Calcium	180	100	0	
Chromium	0.21	105	5	
Cobalt	0.51	102	4	
Copper	0.26	104	0	
Iron	1.8	100	0	
Lead	0.49	98	0	
Magnesium	66	103	2 3	
Manganese	0.64	100	3	
Molybdenum	1.0	100	0	
Nickel	0.52	104	4	
Selenium	2.2	110	5	
Silicon	30	200	0	See note
Silver	0.20	100	5	
Sodium	98	105	2	
Thallium	2.0	100	0	
Vanadium	0.52	102	2	
Zinc	0.64	98	9	

Note: Due to the large concentration of analyte in the sample, matrix spike recoveries may not be accurate. The Laboratory Control Sample (LCS) is included on a separate page to show that the digestion and analysis were in control.



TOTAL METALS LABORATORY CONTROL SAMPLE

Lab Name: Analytical Technologies of Colorado, Inc.

Client Name: ATI - NM

Client Project ID: Roberts Well - NMO

Work Order Number: 95-11-163

Date Analyzed: 11/21/95

Analyte	LCS Result mg/L	LCS True Value mg/L	LCS % Recovery	Limits
Silicon	0.51	0.50	102	80 - 120%

GAS CHROMATOGRAPHY RESULTS

Analytical**Technologies,**Inc.

: PURGEABLE HALOCARBONS/AROMATICS (EPA 601/602)

CLIENT

: NMOCD

ATI I.D.: 511344

PROJECT #

: (NONE)

PROJECT NAME : ROBERTS WELL

SAMPLE ID. # CLIENT I.D.	MATRIX	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	DIL. FACTOR
01 1540111495	AQUEOUS	11/18/95	NA	11/23/95	20
PARAMETER		UNITS	01		
BENZENE		UG/L	1300 /3	, 01	.5
BROMODICHLOROMETHANE		UG/L	<4.0		
BROMOFORM		UG/L	<10.0		
BROMOMETHANE		UG/L	<20.0		
CARBON TETRACHLORIDE		UG/L	<4.0		
CHLOROBENZENE		UG/L	<10		
CHLOROETHANE		UG/L	<10		
CHLOROFORM		UG/L	<10		
CHLOROMETHANE		UG/L	<20		
DIBROMOCHLOROMETHANE		UG/L	<4.0		
1,2-DIBROMOETHANE (EDB)		UG/L	<4.0		
1,2-DICHLOROBENZENE		UG/L	<10		
1,3-DICHLOROBENZENE		UG/L	<10		
1,4-DICHLOROBENZENE		UG/L	<10		
1,1-DICHLOROETHANE		UG/L	<6.0		
1,2-DICHLOROETHANE (EDC)		UG/L	<10		
1,1-DICHLOROETHENE		UG/L	<4.0		
CIS-1,2-DICHLOROETHENE		UG/L	<4.0		
TRANS-1,2-DICHLOROETHENE		UG/L	<20		
1,2-DICHLOROPROPANE		UG/L	<4.0		
CIS-1,3-DICHLOROPROPENE		UG/L	<4.0		
TRANS-1,3-DICHLOROPROPENE		UG/L	<4.0		
ETHYLBENZENE		UG/L	31 .03/	,76	
METHYL-t-BUTYL ETHER		UG/L	<50		
METHYLENE CHLORIDE		UG/L	<40		
1,1,2,2-TETRACHLOROETHANE		UG/L	<4.0		
TETRACHLOROETHENE		UG/L	<10		
TOLUENE		UG/L	59 .059	, 55	
1,1,1-TRICHLOROETHANE		UG/L	<20	•	
1,1,2-TRICHLOROETHANE		UG/L	<4.0		
TRICHLOROETHENE		UG/L	<6.0		
TRICHLOROFLUOROMETHANE		UG/L	<4.0		
VINYL CHLORIDE		UG/L	<10		
TOTAL XYLENES		UG/L	570 .57	.52	
SURROGATES:					
BROMOCHLOROMETHANE (%)			99		

TRIFLUOROTOLUENE (%)

100



GAS CHROMATOGRAPHY RESULTS - QUALITY CONTROL

REAGENT BLANK

TEST : EPA 601/602		ATI I.D. : 511344
BLANK I.D. : 112295		MATRIX : AQUEOUS
CLIENT : NMOCD		DATE EXTRACTED : NA
PROJECT # : (NONE)		DATE ANALYZED : 11/22/95
PROJECT NAME : ROBERTS WELL		DIL. FACTOR : 1
PARAMETER	UNITS	
BENZENE	UG/L	<0.5
BROMODICHLOROMETHANE	UG/L	<0.2
BROMOFORM	UG/L	<0.5
BROMOMETHANE	UG/L	<1.0
CARBON TETRACHLORIDE	UG/L	<0.2
CHLOROBENZENE	UG/L	<0.5
CHLOROETHANE	UG/L	<0.5
CHLOROFORM	UG/L	<0.5
CHLOROMETHANE	UG/L	<1.0
DIBROMOCHLOROMETHANE	UG/L	<0.2
1,2-DIBROMOETHANE (EDB)	UG/L	<0.2
1,2-DICHLOROBENZENE	UG/L	<0.5
1,3-DICHLOROBENZENE	UG/L	<0.5
1,4-DICHLOROBENZENE	UG/L	<0.5
1,1-DICHLOROETHANE	UG/L	<0.3
1,2-DICHLOROETHANE (EDC)	UG/L	<0.5
1,1-DICHLOROETHENE	UG/L	<0.2
CIS-1,2-DICHLOROETHENE	UG/L	<0.2
TRANS-1, 2-DICHLOROETHENE	UG/L	<1.0
1,2-DICHLOROPROPANE	UG/L	<0.2
CIS-1,3-DICHLOROPROPENE	UG/L	<0.2
TRANS-1,3-DICHLOROPROPENE	UG/L	<0.2
ETHYLBENZENE	UG/L	<0.5
METHYL-t-BUTYL ETHER	UG/L	<2.5
METHYLENE CHLORIDE	UG/L	<2.0
1,1,2,2-TETRACHLOROETHANE	UG/L	<0.2
TETRACHLOROETHENE	UG/L	<0.5
TOLUENE	UG/L	<0.5
1,1,1-TRICHLOROETHANE	•	<1.0
1,1,2-TRICHLOROETHANE	UG/L	<0.2
TRICHLOROETHENE	UG/L	<0.3
TRICHLOROFLUOROMETHANE	UG/L	<0.2
VINYL CHLORIDE	UG/L	<0.5
TOTAL XYLENES	UG/L	<0.5
SURROGATES:		
BROMOCHLOROMETHANE (%)		104
TRIFLUOROTOLUENE (%)		109



PROJECT NAME: ROBERTS WELL

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

TEST : PURGEABLE HALOCARBONS/AROMATICS (EPA 601/602)

MSMSD # : 51132801 ATI I.D. : 511344

CLIENT : NMOCD DATE EXTRACTED : NA

PROJECT # : (NONE) DATE ANALYZED : 11/22/95

SAMPLE MATRIX

: AQUEOUS

REF. I.D. : 51132801 UNITS : UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD
BENZENE	<0.5	10	9.0	90	9.2	92	2
CHLOROBENZENE	<0.5	10	8.6	86	9.7	97	12
1,1-DICHLOROETHENE	<0.2	10	8.2	82	8.0	80	2
TOLUENE	<0.5	10	9.1	91	9.6	96	5
TRICHLOROETHENE	<0.3	10	9.5	95	9.2	92	3

(Sample Result - Duplicate Result)

RPD (Relative Percent Difference) = ------ X 100

Average Result

POLYNUCLEAR AROMATIC HYDROCARBONS

Method 610

Analytical **Technologies**, Inc.

Lab Name: Analytical Technologies Inc.

Client Name: ATI-NM

Client Project ID: Roberts Well - NMO

Lab Sample ID: 95-11-163-01

Sample Matrix: Water

Cleanup: N/A

Sample ID

1540111495

Date Collected: 11/14/95

Date Extracted: 11/20/95

Date Analyzed: 11/22/95

Sample Volume: 1000 mL

Final Volume: 10 mL

		Detection
Analyte	Conc (ug/L)	Limit (ug/L)
Naphthalene	10	5.0
Acenaphthylene	3.3 J	10
1-Methylnaphthalene	ND	10
2-Methylnaphthalene	33	10
Acenaphthene	ND	10
Fluorene	ND	1.0
Phenanthrene	ND	0.50
Anthracene	ND	1.0
Fluoranthene	ND	1.0
Pyrene	ND	0.50
Benzo(a)anthracene	ND	0.50
Chrysene	ND	0.50
Benzo(b)fluoranthene	ND	1.0
Benzo(k)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Dibenzo(a,h)anthracene	ND	1.0
Benzo(g,h,i)perylene	ND	1.0
Indeno(1,2,3-c,d)pyrene	ND	1.0

SURROGATE RECOVERY

Analyte	% Recovery	% Rec Limits
2-Chloroanthracene	70	34 - 120

ND = Not Detected at or above client requested detection limit.

J = Estimated value. Below detection limits.

POLYNUCLEAR AROMATIC HYDROCARBONS

Method 610

Analytical **Technologies,**Inc.

Lab Name: Analytical Technologies Inc.

Client Name: ATI-NM

Client Project ID: Roberts Well - NMO

Lab Sample ID: WRB1 11/20/95

Sample Matrix: Water

Cleanup: N/A

Sample ID

Reagent Blank

Date Collected: N/A

Date Extracted: 11/20/95

Date Analyzed: 11/22/95

Sample Volume: 1000 mL

Final Volume: 1 mL

		Detection
Analyte	Conc (ug/L)	Limit (ug/L)
Naphthalene	ND	0.50
Acenaphthylene	ND	1.0
1-Methylnaphthalene	ND	1.0
2-Methylnaphthalene	ND	1.0
Acenaphthene	ND	1.0
Fluorene	ND	0.10
Phenanthrene	ND	0.050
Anthracene	ND	0.10
Fluoranthene	ND	0.10
Pyrene	ND	0.050
Benzo(a)anthracene	ND	0.050
Chrysene	ND	0.050
Benzo(b)fluoranthene	ND	0.10
Benzo(k)fluoranthene	ND	0.050
Benzo(a)pyrene	ND	0.050
Dibenzo(a,h)anthracene	ND	0.10
Benzo(g,h,i)perylene	ND	0.10
Indeno(1,2,3-c,d)pyrene	ND	0.10

SURROGATE RECOVERY

Analyte	% Recovery	% Rec Limits
2-Chloroanthracene	90	34 - 120

ND = Not Detected at or above client requested detection limit.

POLYNUCLEAR AROMATIC HYDROCARBONS BLANK SPIKE

Method 610



Lab Name: Analytical Technologies Inc.

Lab Sample ID: WBS1,2 11/20/95

Client Name: ATI-NM

ATI-INIVI

Client Project ID: Roberts Well - NMO

Date Extracted: 11/20/95

Date Analyzed: 11/22/95

Sample Matrix: Water

Sample Volume: 1000 mL

Final Volume: 1 mL

Analyte	Spike Added (ug/L)	BS Concentration (ug/L)	BS Percent Recovery	QC Limits % Rec
A 1 + 1 1	10	(0 (70	26 112
Acenaphthylene	10	6.96	70	36 - 113
Phenanthrene	1.0	0.866	87	30 - 114
Pyrene	1.0	0.966	97	43 - 108
Dibenzo(a,h)anthracene	1.0	0.848	85	42 - 111
Benzo(k)fluoranthene	0.25	0.228	91	35 - 104

	Spike	BSD	BSD		QC
	Added	Concentration	Percent		Limits
Analyte	(ug/L)	(ug/L)	Recovery	RPD	RPD
Acenaphthylene	10	6.67	67	4	20
Phenanthrene	1.0	0.845	85	2	20
Pyrene	1.0	0.971	97	0.5	20
Dibenzo(a,h)anthracene	1.0	0.832	83	2	20
Benzo(k)fluoranthene	0.25	0.227	91	0.6	20

SURROGATE RECOVERY BS/BSD

Analyte	% Recovery(BS)	% Recovery(BSD)	% Rec Limits
2-Chloroanthracene	90	86	34 -120



Analytical **Technologies,** Inc., Albuquerque, NM San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland • Albuquerque

CHAIN OF CUSTODY

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NUMBER OF CONTAINERS

AnalyticalTechnologies of New Mexico, Inc. Albuquerque, New Mexico

Interlab Chain of Custody 95.11.163

Analytical **Technologies** of New Mexico, Inc. Albuquerque, New Mexico

Interlab Chain of Custody

SPEČAL CERTIFICATION REQUIRED: YES ON	CHARGE:	11/27	Two the 1000	TAT: (STANDARD) RUSH!	OC REQUIRED: CARS MSD BLANK	OC LEVEL: STP: IV	PROJECT NAME: Roberts of well-NMO	PROJECT NUMBER: 5/1344	PROJECT INFORMATION								511344-01	SAMPLE ID DATE	CLIENT PHOJECT MANAGEH:	COMPANY: Analytical Technologies of New Mexico, Inc. ADDRESS: 2709-D Pan American Freeway, NE Albuquerque, NM 87107	NETWORK PROJECT MANAGER: KIMBERLY D. McNEILL
J		100	tru 100	LAB NUMBER	RECEIV	INTACT?	CHAIN	TOTAL									0451	TIME		eway, N	D. McNE
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				511837	RECEIVED GOOD COND/COLD		Y SEALS	TOTAL NUMBER OF CONTAINERS	SAMPLE RECEIPT							-	(LAB ID		Inc.	
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Company:	attor	5	ature:	RECEIVED BY: (LAB)	Company		Printed Name	Signature:	RELINQUISHED	┃┠─┤	 -	-	-					827	0 (TCLP	1311)	
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10/30/95 ATI Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447 • Albuquerque (505) 344-3777 DISTRIBUTION: White, Canary • ATI Pink • ORIGINATOR

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PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

San Diego - Phoenix - Seattle - Pensacola - Ft. Collins - Portland - Albuquerque Analytical Technologies, Inc., Albuquerque, NM

CUSTODY **P** CHAIN

ATI LAB I.D.

<u>Р</u>

NUMBER OF CONTAINERS DISTRIBUTION: White, Canary - ATI • Pink - ORIGINATOR Analytical Technologies, Inc. RCRA Metals by TCLP (1311) **HCRA Metals by Total Digestion** Time: Time: Date: RELINQUISHED BY: RECEIVED BY:(LAB) The 13 Priority Pollutant Metals Printed Name: Printed Name: SDWA Secondary Standards - Federal Signature: Signature: Company: SDWA Primary Standards - Federal SDWA Secondary Standards - Arizona SDWA Primary Standards - Arizona ANALYSIS REQUEST Time: Tine: Polynuclear Aromatics (610/8310) Date: Date: RELINQUISHED BY: AT1 Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447 • Albuquerque (505) 344-3777 Volatile Organics GC/MS (624/8240) Base/Neutral/Acid Compounds GC/MS (625/8270) RECEIVED BY Printed Name: Printed Name: (0218/213) sebioidaeH Signature: Signature: Company: Company: Pesticides/PCB (608/8080) SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg. SAMPLED & RELINQUISHED BY: Aromatic Hydrocarbons (602/8920) Chlorinated Hydrocarbons (601/8010) Phone: Date: Date: BTXE/MTBE (8020) Printed Name: Printed Name: RECEIVED Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020) Signature: Company: Company: Signature: (MOD 8015) Gas/Diesel Petroleum Hydrocarbons (418.1) LABID YININA (NORMAL) 12 WEEK PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS SAMPLE RECEIPT MATRIX CUSTODY SEALS NO. CONTAINERS RECEIVED INTACT RECEIVED COLD DATE (RUSH) | 24hr | 48hr | 72hr | 1 WEEK PROJECT INFORMATION SAMPLEID PROJECT MANAGER: COMPANY: COMPANY: **ADDRESS**: ADDRESS: BILL TO: SHIPPED VIA: PROJ. NAME: PHONE: Comments: PROJ. NO. FAX: P.O. NO.:

OIL CONSERVE ON DIVISION RELE VED

CC: KUDIN AUGUSTU FRICK OLSON TALLY SEKTON MILEA

UIC:	
OTHER:	

OIL CONSERVATION DIVISION COMPLAINT FORM

PERSON COMPLAINING: INFORMATION TAKEN BY:
NAME: Lee ROBERTS 37 17 H) TAKEN BY: WAYNE PRICE
ADDRESS: 807 FASH DATE: 8/14/95 TIME: 2:30 fm
HOBBS N.M. 88290 IN PERSON: W BY PHONE:
PHONE: 393-9687
COMPLAINT: WATER FROM WELL IS CONTAMNATED - MAED RESSESSATE.
HIM TO PRIOCD.
COMMENTS: WATER HAS HYDROCARBIN IN IT, BAD SMELL & TASTE
WATER HAS BEEN GOOD IN PAST
- INVESTIGATION -
INVESTIGATOR: WAYNE PRICE - NMOCA
DATE: 8/14/95
TIME: # 3:15 fm
DESCRIBE INVESTIGATION AND FINDINGS: JOOK WATER SAMPLE AT
WATER WELL TANK-
RESULTS OF FIRM TEST - TOS = HAMHOS 1100 MANIES.
OL ~ 75 pm ; PH 7-8
BTEX(PID): MAX = 695 PAM(HEAD SPACE)
OL FACTORY - SLIGHT to MODERATE SMEU
VISUAL- CLEAR RATER
WATER APPENS TO BE CONTAMINATED WITH VOLITIES HYDROCAPPOR
GOURCE WAKNOWN!!
- FOLLOW-OF -
DATE:
TIME:
ACTION TAKEN: 60 372
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199

*ATTACH ADDITIONAL SHEETS, IF NECESSARY

ISERVETION DIVISION RECEIVED

TO: PILL OLSON





MEMORANDUM OF MEETING OR CONVERSATION

Telephone Personal	Time Time		Date 8/28/95
Originating Party	Originating Party		
LEE ROBERTS - 807 R	ASH HEPPS		
Subject Whten WELL			
Discussion MR ROBERTS R SOURCE -+	CONTAMIN	NMOC Atron	D INVESTIGATE
			s suchten full + WATEN 15
Conclusions or Agreements DISTRICT SUPFLICENT WE TO PREVIOUS A	II REC	MM EN	D RUN NARALES INATION IN AREA!
Distribution CC: JERRY SEXTO	SON SI	gned M	re/siz

INSPECTION	CHASSHEHOVEHON	H O U R S	QUARTER HOUR	Name WAYNE PRICE Time of Departure 7 AM In the space below indicate to performed, listing wells or 1	ne purpose of the trip a	MilesDistrict 4 PMCar No.	
			S	Signature LALL Company of Acade VIC RPA Other		TLL 17	

TYPE INSPECTION PERFORMED

CLASSIFICATION

INSPECTION

NATURE OF SPECIFIC WELL OR FACILITY INSPECTED

- H Housekeeping
- P = Plugging C = Plugging Cleanup T = Well Test R = Repair/Workover
- F Haterflow
- M Mishap or Spill
- W Water Contamination 0 - Other
- U = Underground Injection Control Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SMD, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.)
- R = Inspections relating to Reclamation Fund Activity
- 0 Other Inspections not related to injection or The Reclamation Fund
- E indicates some form of enforcement action taken in the field (show immediately below the letter U, R or O)
- D = prilling P = Production
- I = Injection
- C Combined prod. inj.
- operations s SWD
- U Underground Storage
- G General Operation
 P facility or location
 H Hosting
- N = Neeting



CITY OF HOBBS 300 N. Turner

MICROBIOLOGICAL WATER REPORT

	Hobbs, NM 882 Lab # 9411	40	Date Recei	ved	
Time Test Began	Date	7 1 1 1 2 x 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Time Received		
Time Test Ended Date				у	
SA	MPLE IDENTIFICA	TION	TESTING 1	REQUIRED	
Quality Control No	•	County			
And the second	•	البرتشين		[] MMO MUG-Total Coliform TEST RESULTS	
Water Supply Syste	em Name	WSS Code No.	<u> </u>	TEST TESSORES	
Life Public	73		Total Coliforms / 100 ml	Total Coliforms / 100 ml	
२०१ अन्तः	He325		[] Absent [] Present	[] Absent [] Present	
	LECTION INFORM	ATION	Fecal Coliforms / 100 ml	E. coli / 100 ml	
Date Collected Mo. Day Yr.	Time Collected	Collected By	[] Absent [] Present	[] Absent [] Present	
4 29 95			INVALID	SAMPLE	
, i = •	Collect WATER WELL	tion Point SIP9£#	If one of the following is check	ked, resample.	
	TYPE OF SYSTE	MI			
Check One			REJECTE	D SAMPLE	
	nity [#]	Swimming Pool Private Well O (required for fecal test)	If one of the following is checked, resample. [] Sample too old. [] Temperature violation. (above 10° C) [] Form incomplete. See circled item. [] Date discrepancy. [] Leaking Sample. [] Quantity insufficient for testing. [] Quantity too great to permit agitation.		
R	EASON FOR SAMP	LING			
Check One	DADON TOR DAME		[] Turbid sample. [] Other		
[] Routine Sample	e [•	Special Sample			
[] Check Sample		Monitor Sample	· ·	F RESULTS CALL THE NEW DEPARTMENT AT 393-4302.	
		sippt/used go	LOUFS / ICE SAW	p f	
	DAYNE PR		Bacteriologist		
COMPANY NA	OK CONSEN	untion piv	A FEE OF \$10.00 PLUS TA	AX IS CHARGED FOR	
ADDRESS/30	o De BRON	ordy	EACH TEST.		
PHONE 563	5-393-61	<u> </u>	OFFICE USE ONLY		

ACCT. #