1R - 152

GENERAL CORRESPONDENCE

YEAR(S):

1998

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
DISTRICT I Hobbs
PO BOX 1980
Hobbs, NM 88241-1981
(505) 393-6161

Jennifer A. Salisbury
CABINET SECRETARY

ATT: BILL OLSON
THIS APPEARS TO BE A
HISTORICAL CL- PROBLEM
SOURCE UNKNOWN AT THIS
TIME! CALL ME!

July 7, 1998

Mr. Manuel Gonzales
S. American Legion Road
Eunice, NM 88231

Re: Water Sampling

Dear Mr. Gonzales:

During the week of June 29, 1998 you contacted our office concerning possible crude oil contamination of your water well located on your property UL L or M Sec 9-Ts22s-R37e located South of Eunice NM on S. American Legion Road. Our investigation revealed that your well was producing water with some type of clear "mineral" looking oil. This oil has no smell.

Please find enclosed the results of the water samples taken by the NMOCD. Please note there did not appear to be any contamination from crude oil. The analyticals did reflect elevated Chloride and TDS levels (430 mg/L and 1355 mg/L respectfully) which is above the New Mexico Ground Water Standards. Please contact the New Mexico Environment Department (NMED) concerning these values as to the possible health effects of drinking this water.

Please note your neighbor Mr. Billy Trull indicated to us there has for sometime always been an elevated chloride level in this area. Please find enclosed records obtained from the NM State Engineers office reflecting this situation. Mr. Trull has installed water treating equipment on his well to take care of this problem.

The NMOCD recommends that you have a professional water well company check out your well to determine if this clear "mineral" oil type of contamination might be coming from your pump. If this problem persist, we recommend that you run additional test to identify this material for your safety.

Please feel free to research our public records in our Hobbs, NM office concerning any oil & gas production in your area. Please note this office does not regulate pipelines, unless there is a reported spill, which might be part of the public record in our spill files.

The NMOCD will place your information in our general groundwater file. If we determine there is a correlation between your groundwater problem and any nearby oil & gas production or operating practices, we will pursue this with the responsible operator.

If you require any further information or assistance please do not hesitate to call (505-393-6161) or write this office.

Sincerely Yours,

Chris Williams

Chris Williams-NMOCD District I Supervisor

cc: Gary Wink-NMOCD Field Rep. II
Bill Olson-Environmental Bureau, Santa Fe, NM
Hobbs Groundwater file
Mr. Billy Trull

file: wp98/Gonzales/Trull

attachments-yes

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
NEW MEXICO OIL CONSERVATION DIV.
ATTN: WAYNE PRICE
P.O. BOX 1980
HOBBS, NM 88240
FAX TO:

Receiving Date: 06/30/98
Reporting Date: 07/01/98
Project Number: NOT GIVEN
Project Name: HOUSE WATER WELL
Project Location: S AMERICAN LEGION ROAD

Sampling Date: 06/30/98
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: JS
Analyzed By: AH/BC

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (u mhos/cm)	NO_3 (mg/L)
ANALYSIS DATE:		07/01/98	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98
H3708-1	WELL WATER	191	88	56	8.8	1920	2.37
Quality Control		NR	48	52	NR	1445	5.03
True Value QC		NR	50	50	NR	1413	5.00
% Accuracy		NR	96	104	NR	102	101
Relative Percent Difference		NR	4.2	3.8	NR	0.3	1.4
METHODS:			SM3500-Ca-D	3500-Mg E	8049	120.1	310.1

		Cl^- (mg/L)	SO_4 (mg/L)	CO_3 (mg/L)	HCO_3 (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:		06/30/98	06/30/98	06/30/98	06/30/98	06/30/98	06/30/98
H3708-1	WELL WATER	430	87	0	220	6.88	1355
Quality Control		1309	50.4	124	221	7.00	NR
True Value QC		1319	50.0	112	259	7.00	NR
% Accuracy		99	101	110	85	100	NR
Relative Percent Difference		0.7	3.0	-	-	0	2.3
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1

Chemist

7/1/98
Date

H3708-2.XLS

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ANALYTICAL RESULTS FOR
NEW MEXICO OIL CONSERVATION DIV.
ATTN: WAYNE PRICE
P.O. BOX 1980
HOBBS, NM 88240
FAX TO:

Receiving Date: 06/30/98
Reporting Date: 07/01/98
Project Number: NOT GIVEN
Project Name: HOUSE WATER WELL
Project Location: S AMERICAN LEGION ROAD

Sampling Date: 06/30/98
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: JS
Analyzed By: BC

LAB NO.	SAMPLE ID	TPH (mg/L)	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE:		06/30/98	06/30/98	06/30/98	06/30/98	06/30/98
H3708-1	WELL WATER	<1.0	<0.002	<0.002	<0.002	<0.002
Quality Control		194	0.091	0.089	0.090	0.297
True Value QC		200	0.100	0.100	0.100	0.300
% Recovery		97.2	90.6	89.4	90.4	93.0
Relative Percent Difference		7.1	10.2	9.1	10.7	10.6

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW846-8020, 8260

Chemist

7/1/98
Date

H3708-1.XLS

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

INVOICE

CUSTOMER: NMOCD

DATE: 07/02/98

ATTN: WAYNE PRICE

ADDRESS: P.O. 1980

TAXABLE: Y

CITY, ST ZIP: HOBBS, NM. 88241

TERMS - Due upon receipt
Hobbs, Lea Co. NM

LAB NUMBER: H3708
TESTS REQUESTED: BTEX, CATIONS & ANIONS, NITRATE
CUSTOMER JOB DESCRIPTION: HOUSE WATER WELL / AMERICA LEGION POND
WAS CHAIN OF CUSTODY USED (y/n): Y
NUMBER OF SAMPLES: 1
INVOICE #: H3708
P. O. #: N/A

DATE	DESCRIPTION	NUMBER	UNIT COST	EXTENDED COST
06/03/98	BTEX	1	$60.00	$60.00
	CATIONS & ANIONS	1	$135.00	$135.00
	TPH	1	$55.00	$55.00
	NITRATE	1	$25.00	$25.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00

Sub Total	$275.00
NM State Tax	$16.50
Total Due	$291.50

NOTE - This is the only invoice you will receive.
Please pay from this invoice.

THANK YOU FOR YOUR BUSINESS!

For Office Use Only
D: A: C: P:

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

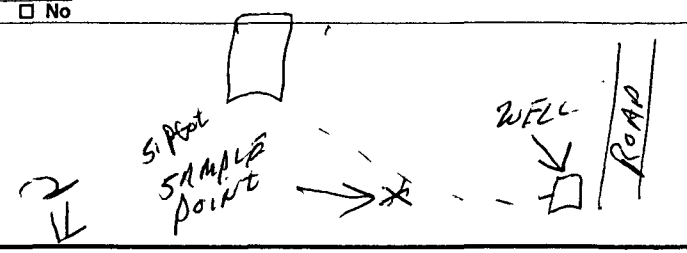
Company Name:	NMOCD-	BILL TO	PO #:
Project Manager:	WAYNE PRICE		Company:
Address:	P.O. 1980		Attn:
City:	HOBBS State: NM Zip: 88240		Address:
Phone #:	393-6161		City:
Fax #:			State: Zip:
Project #:	Project Owner: MANUEL GONZALES		Phone #:
Project Name:	HOUSE WATER WELL		Fax #:
Project Location:	S AMERICAN LEGION ROAD		

FOR LAB USE ONLY				MATRIX							PRES.			SAMPLING		ANALYSIS REQUEST											
LAB I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID:	ICE / COOL	OTHER :	DATE	TIME	+ BTEX (8020)	+ NO3	+ GEN CHEM	TPH									
	WELL WATER	G	5	X							X		6/30/98	2:50pm	+	+	+	X									5

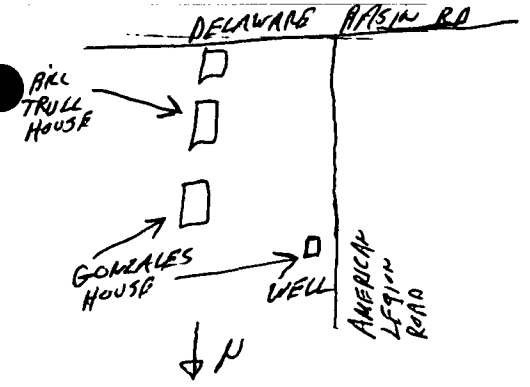
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: WAYNE PRICE	Date: 6/30/98	Received By:	Phone Result ☐ Yes ☐ No Additional Fax #:
	Time: 2:50PM		Fax Result: ☐ Yes ☐ No
Relinquished By:	Date:	Received By: (Lab Staff)	REMARKS:
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool Yes ☑ Intact Yes ☐ No ☐ No	CHECKED BY: (Initials)



† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.



ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NEW MEXICO

WATER ANALYSIS REPORT FORM

WELL OWNERSHIP: MANUEL GONZALES/TRULL WELL #: _____

LAND STATUS: STATE ____ FEDERAL ____ FEE X

WELL LOCATION: Unit Letter L&M Section 9 Township 22S Range 37E

QUARTER/QUARTER - FOOTAGE LOCATION: NEW (TRUELL) 154' TO SWL = 60' *

WELL TYPE: _____ DEPTH ≈ 165 TO feet GOLZ.

WELL USE: DOMESTIC

SAMPLE NUMBER: _____ TAKEN BY: GARY WINK

DATE: 6/29/98

	GONZALES	TRULL	CLEY	
** Specific Conductance:	570	370	~~262~~	uMHOS
Total dissolved solids:	~~570~~			PPM
Chlorides:	532	301	78	PPM
Sulfates:				PPM

Ortho-phosphates: Very Low ____ Low ____ Med ____ Hi ____

Sulfides: None ____ Low ____ Med ____ Hi ____

OTHER:

DATE ANALYZED: 7/7/98 BY: WAYNE PRICE
OIL CONSERVATION DIVISION

* NOT MEASURED PER MR. TRUELL
** NO QA/QC

REMARKS: MR. GONZALES REPORTED HIS WELL BEGIN TO PUMP A VERY CLEAR OIL WITH WATER - NO SMELL REQUESTED OCD TO CHECK IF OILFIELD CONTAMINATION. - GARY WINK TOOK SAMPLES FROM GONZALES & TRULL WELLS - 6/29/98 - W. PRICE SAMPLED GONZALES WELL ON 6/30/98 SEE ATTACHED CARDINAL LAB ANALYSIS - WATER & SAMPLES TAKEN BY MR. GONZALES LOOKED LIKE FINE CLEAR MINERAL OIL. 7/7/98 - TELEPHONE CONVERSATION WITH MR. TRULL, HE INDICATED THEY HAVE ALWAYS HAD A SLIGHTLY ELEVATED CHLORIDE LEVEL, HE HAD IT TESTED 7 OR 8 YEARS AGO BY City of HOBBS.

OFFICE OF THE STATE ENGINEER

DISTRICT II

1900 W. 2nd STREET

ROSWELL, N.M. 88201
FAX # (505) 623-8559

Fax Transmittal Lead Sheet

DATE: 7/7/98 **NUMBER OF PAGES ATTACHED:** 1

ATTENTION: Wayne Price

ORGANIZATION: OCD

SECTION:

FROM: Kenneth Fresquez

SECTION: W.R.

PHONE #: 622-6521

COMMENTS: I have provided a copy of the water quality info. that we have on record for the area indicated (See. 9. 22S. 37E.) Please let me know if you have questions

TIME SENT: **FAX # TO:** 505-393-0720

TELECOPIER OPERATOR:

W OWNERSHIP	DEPTH	WDF	DATECLTD	CLTR	USE	LOCATION	LDELEV	PT_CLTH	CHLORIDES	CONDUCT	TDS	TEMP	ADD_DATA	CARD_DATE	SOURCE	DPH
	130	TOG	79/12/05	SED	STK	228.37E.04.443421	3427.00	DP	148	1157	0	67		0185		25-1
	130	TOG	84/11/15	SED	STK	228.37E.04.443421	3427.00	DP	184	1261	0	0		0185		25-1
	130	TOG	79/12/05	SED	DOM	228.37E.04.44344	3427.00	YT	142	1423	0	0		0185		25-1
	130	TOG	84/11/13	SED	DOM	228.37E.04.44344	3427.00	YT	168	1326	0	0		0185		25-1
	110	GAL	65/12/01	SED	DOM	228.37E.05.21213	3456.00	DP	86	880	0	69	*			25-1
	110	GAL	69/06/00	OCC	DOM	228.37E.05.21213	3456.00	DP	213	1420	0	0			0	25-1
	110	GAL	77/06/14	SED	DOM	228.37E.05.21213	3456.00	YT	60	874	0	0		0877		25-1
	110	GAL	79/12/13	SED	DOM	228.37E.05.21213	3456.00	TANK	60	777	0	0				25-1
	110	GAL	84/11/14	SED	DOM	228.37E.05.21213	3456.00	YT	64	797	0	0		1284		25-1
HENSON, KEITH	110	GAL	95/10/05	SED	DOM	228.37E.05.21213	3456.00	YT	54	980	0	68		0796		25-1
	300	TRC	65/12/01	SED	DOM	228.37E.05.222113	3453.00	DP	75	1380	0	0				
	300	TRC	77/04/08	SED	DOM	228.37E.05.222113	3453.00	YT	338	2361	0	0				
	300	TRC	79/12/13	SED	DOM	228.37E.05.222113	3453.00	YT	320	2362	0	0				
	300	TRC	84/11/14	SED	DOM	228.37E.05.222113	3453.00	YT	647	3412	0	0		1284		
	275	TRC	65/12/01	SED	COM	228.37E.05.224411	3443.00	DP	57	1325	0	69				25-1
	275	TRC	69/06/00	OCC	COM	228.37E.05.224411	3443.00	DP	64	1090	0	0			0	25-1
	275	TRC	77/04/06	SED	COM	228.37E.05.224411	3443.00	YT	62	1370	0	0				25-1
	275	TRC	79/12/20	SED	COM	228.37E.05.224411	3443.00	TANK	68	804	0	0				25-1
	275	TRC	84/12/06	SED	COM	228.37E.05.224411	3443.00	YT	155	1669	0	0		0185		25-1
HADE KEN	275	TRC	90/07/09	SED	COM	228.37E.05.224411	3444.00	YT	899	2482	0	0		1290		25-1
	285	TRC	69/06/00	OCC	DOM	225.37E.05.24423	3435.00	YT	71	1193	0	0			0	
	0	TOB	65/12/01	SED	DOM	228.37E.05.24424	3433.00	DP	86	940	0	69				25-1
	70	TOB	79/12/05	SED	DOM	228.37E.05.341434	3428.00	DP	86	929	0	65				25-1
	70	TOB	84/11/14	SED	DOM	228.37E.05.341434	3428.00	DP	92	983	0	0		1284		25-1
TODD RAY	70	TOB	90/07/10	SED	DOM	228.37E.05.341434	3428.00	DP	125	1042	0	77		1290		25-1
TODD, RAY	70	TOB	95/10/04	SED	DOM	228.37E.05.341434	3428.00	DP	128	920	0	0		0796	2	5-11
	0	TOB	79/12/20	SED	DOM	228.37E.09.22132	3418.00	YT	46	729	0	0				
	0	TOB	84/12/05	SED	DOM	228.37E.09.22132	3418.00	YT	57	747	0	0		0185		
	215	TOB	65/11/04	SED	DOM	228.37E.09.313331	3404.00	YT	122	1005	0	69	*			25-1
	215	TOB	76/07/29	SED	DOM	228.37E.09.313331	3404.00	YT	241	1388	0	69				25-1
	215	TOB	79/12/13	SED	DOM	228.37E.09.313331	3404.00	DP	300	1525	0	0				25-1
	215	TOB	84/11/13	SED	DOM	228.37E.09.313331	3404.00	YT	347	1434	0	0		1284		25-1
HUMBLE	215	TOB	90/07/09	SED	DOM	228.37E.09.313331	3405.00	DP	415	1803	0	70		1290		25-1
TRULL, BILL	215	TOB	95/10/05	SED	DOM	228.37E.09.313331	3405.00	YT	456	1890	0	0		0796		25-1
	140	TOB	65/11/15	SED	DOM	228.37E.09.422431	3417.00	DP	59	750	0	69				25-1
	140	TOB	76/07/29	SED	DOM	228.37E.09.422431	3417.00	DP	69	793	0	69				25-1
	140	TOB	79/12/19	SED	DOM	228.37E.09.422431	3417.00	TANK	38	369	0	76				25-1
	140	TOB	84/12/05	SED	DOM	228.37E.09.422431	3417.00	DP	123	1127	0	69		0185		25-1
	0	GAL	78/01/16	UNK	STK	228.37E.10.23230	3403.00	DP	99	0	0	0		0586	0	25-1
	88	GAL	78/01/16	UNK	STK	228.37E.10.341422	3410.00	DP	85	0	0	0		0586	0	25-1