

3R - 354

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

1988-1985

# Memo

From

DAVID G. BOYER

Hydrogeologist

To

Natural Gas in well

3 mi west of J. T. O. - since October  
well house blew out.

Joe Pat Saiz - P.O. Box 51  
Lindrieth

774-6507 (H) Sunday  
15<sup>th</sup>

774-6660 (W)

Van Gobel

wants Meridian to pay for  
pump repairs, water tank

treatment and filtering  
~ \$500



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2000  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

July 11, 1988

Mr. Joe Saiz  
P. O. Box 51  
Lindrith, New Mexico 87029

Dear Mr. Saiz:

On May 11, Roger Anderson and I sampled your domestic water well located in Section 30, Township 24 North, Range 2 West. Two copies of the laboratory analyses of the sample are enclosed and they show that high levels of natural gas are found in your water. Precautions must be taken against accumulation of gas which could result in possible explosions and fire.

I have talked with Charles Gholson of the OCD Aztec district office and he will contact Meridian concerning bradenhead testing of the wells in the area. If you would like to contact him in Aztec, the phone number is 334-6178.

If you have any questions concerning the analyses, feel free to contact me in Santa Fe at 827-5884.

Sincerely,

A handwritten signature in cursive script that reads "Jami Bailey".

Jami Bailey

Enclosure

cc: OCD - Aztec

SCIENTIFIC LABORATORY DIVISION

700 Camino de Salud NE

Albuquerque, NM 87106 841-2570



STATE OF NEW MEXICO

88-0595-C

REPORT TO: David Boyer  
N.M. Oil Conservation Division  
P. O. Box 2088  
Santa Fe, N.M. 87504-2088

S.L.D. No. OR- 595 AJB  
DATE REC. 5/16/88

PHONE(S): 327-5812 USER CODE: 8 2 2 3 5  
SUBMITTER: David Boyer CODE: 12 6 0

SAMPLE COLLECTION CODE: (YYMMDDHHMMIII) 8805111215RCA

SAMPLE TYPE: WATER [X], SOIL [ ], FOOD [ ], OTHER: [ ] CODE: [ ] [ ] [ ]

COUNTY: RIO ARRIJA ; CITY: LINDRITH CODE: [ ] [ ] [ ]

LOCATION CODE: (Township-Range-Section-Tracts) 24N+02W+30+144 (10N06E24342)

ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required.

PURGEABLE SCREENS

EXTRACTABLE SCREENS

- (753) Aliphatic Purgeables (1-3 Carbons)
- (754) Aromatic & Halogenated Purgeables
- (765) Mass Spectrometer Purgeables
- (766) Trihalomethanes

- (751) Aliphatic Hydrocarbons
- (760) Organochlorine Pesticides
- (755) Base/Neutral Extractables
- (758) Herbicides, Chlorophenoxy acid
- (759) Herbicides, Triazines
- (760) Organochlorine Pesticides
- (761) Organophosphate Pesticides
- (767) Polychlorinated Biphenyls (PCB's)
- (764) Polynuclear Aromatic Hydrocarbons
- (762) SDWA Pesticides & Herbicides

Other Specific Compounds or Classes

Headspace

Remarks:

FIELD DATA:

pH= 7 ; Conductivity= 1400 umho/cm at 26 °C; Chlorine Residual= mg/l

Dissolved Oxygen= mg/l; Alkalinity= mg/l; Flow Rate /

Depth to water ft.; Depth of well ft.; Perforation Interval - ft.; Casing:

Sampling Location, Methods and Remarks (i.e. odors, etc.)

JOE PAT SAIZ domestic water well

I certify that the results in this block accurately reflect the results of my field analyses, observations and activities. (signature collector): K. Anderson Method of Shipment to the Lab: Hand

This form accompanies 2 Septum Vials, Glass Jugs, and/or

Samples were preserved as follows:

- NP: No Preservation; Sample stored at room temperature.
- P-Ice Sample stored in an ice bath (Not Frozen).
- P-Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Sample Preserved with Sodium Thiosulfate to remove chlorine residual.

CHAIN OF CUSTODY

I certify that this sample was transferred from to

at (location) on - and that

the statements in this block are correct. Evidentiary Seals: Not Sealed [ ] Seals Intact: Yes [ ] No [ ]

Signatures

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

THIS PAGE FOR LABORATORY RESULTS ONLY

This sample was tested using the analytical screening method(s) checked below:

PURGEABLE SCREENS

- (753) Aliphatic Purgeables (1-3 Carbons)
- (754) Aromatic & Halogenated Purgeables
- (765) Mass Spectrometer Purgeables
- (768) Trihalomethanes
- Other Specific Compounds or Classes
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

EXTRACTABLE SCREENS

- (751) Aliphatic Hydrocarbons
- (760) Organochlorine Pesticides
- (755) Base/Neutral Extractables
- (758) Herbicides, Chlorophenoxy acid
- (759) Herbicides, Triazines
- (760) Organochlorine Pesticides
- (761) Organophosphate Pesticides
- (767) Polychlorinated Biphenyls (PCB's)
- (764) Polynuclear Aromatic Hydrocarbons
- (762) SDWA Pesticides & Herbicides

ANALYTICAL RESULTS

COMPOUND(S) DETECTED	CONC.	COMPOUND(S) DETECTED	CONC. [PPB]
Headspace		aromatic purgeables	N.D.
Methane MDC = 5ppm	9300 ppm	halogenated purgeables	
Ethane MDC = 5ppm	1740 ppm	1-chlorobenzene	T.R.
Propane MDC = 5ppm	1800 ppm	Dichloromethane	1.6
n-Butane MDC = 5ppm	500 ppm		
isobutane MDC = 5ppm	750 ppm		
n-pentane MDC = 5ppm	315 ppm		
isopentane MDC = 5ppm	30 ppm		
* DETECTION LIMIT *	*	+ DETECTION LIMIT +	+ .549/L

ABBREVIATIONS USED:

- N D = NONE DETECTED AT OR ABOVE THE STATED DETECTION LIMIT
- T R = DETECTED AT A LEVEL BELOW THE STATED DETECTION LIMIT (NOT CONFIRMED)
- [ RESULTS IN BRACKETS ] ARE UNCONFIRMED AND/OR WITH APPROXIMATE QUANTITATION

LABORATORY REMARKS: chromatographic comparison of headspace organics is consistent with that of natural gas.

CERTIFICATE OF ANALYTICAL PERSONNEL

Seal(s) Intact: Yes  No  Seal(s) broken by: NO ONE date: \_\_\_\_\_

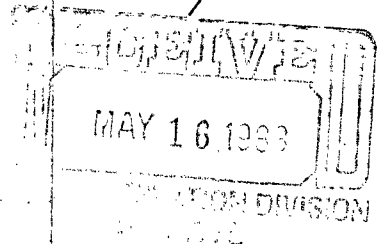
I certify that I followed standard laboratory procedures on handling and analysis of this sample unless otherwise noted and that the statements on this page accurately reflect the analytical results for this sample.

Date(s) of analysis: 5/24/88 <sup>6/13/88</sup> Analyst's signature: [Signature]

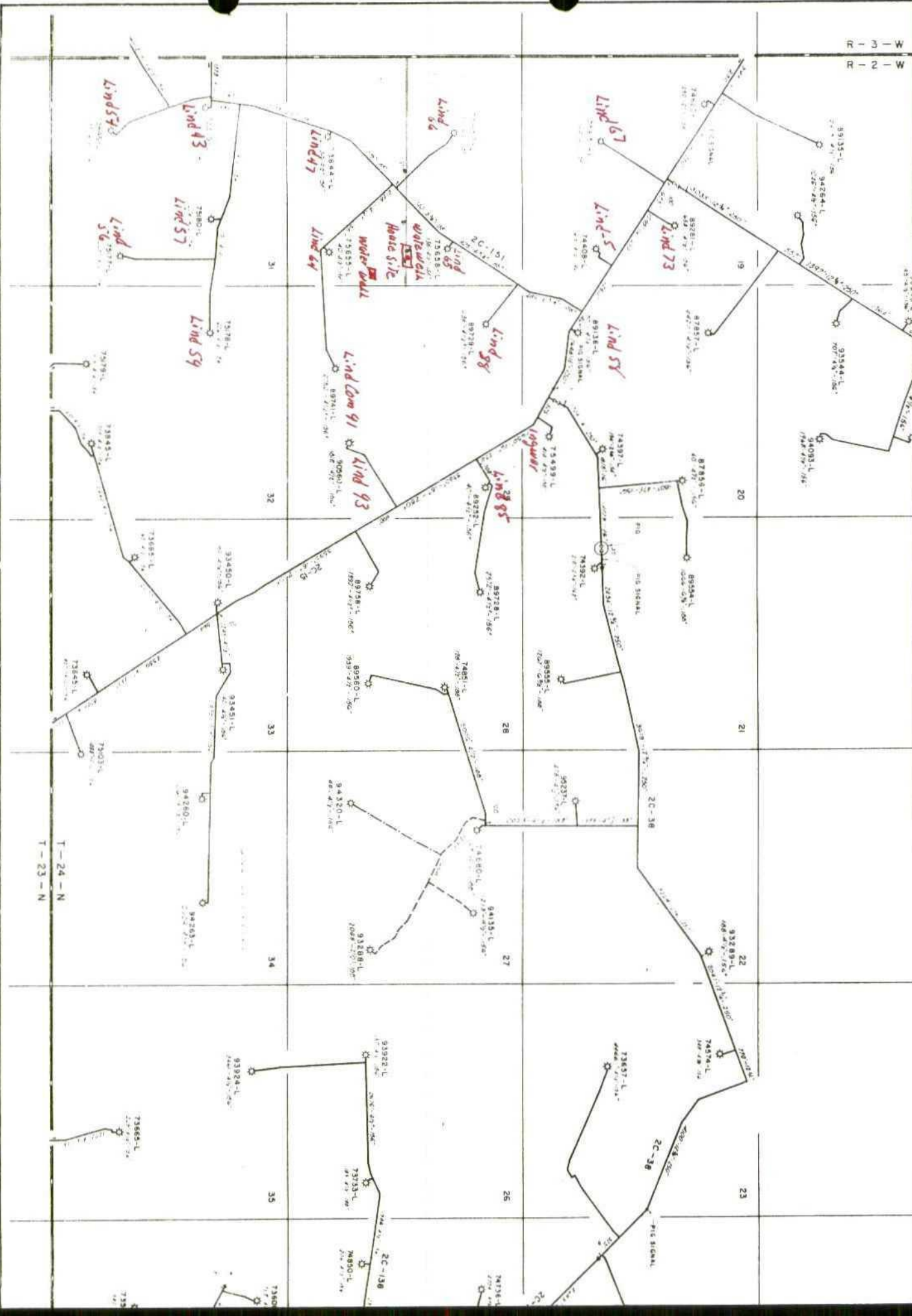
I certify that I have reviewed and concur with the analytical results for this sample and with the statements in this block.

Reviewers signature: [Signature]

Roep, Jamie,  
You did not find a map on  
the formations.

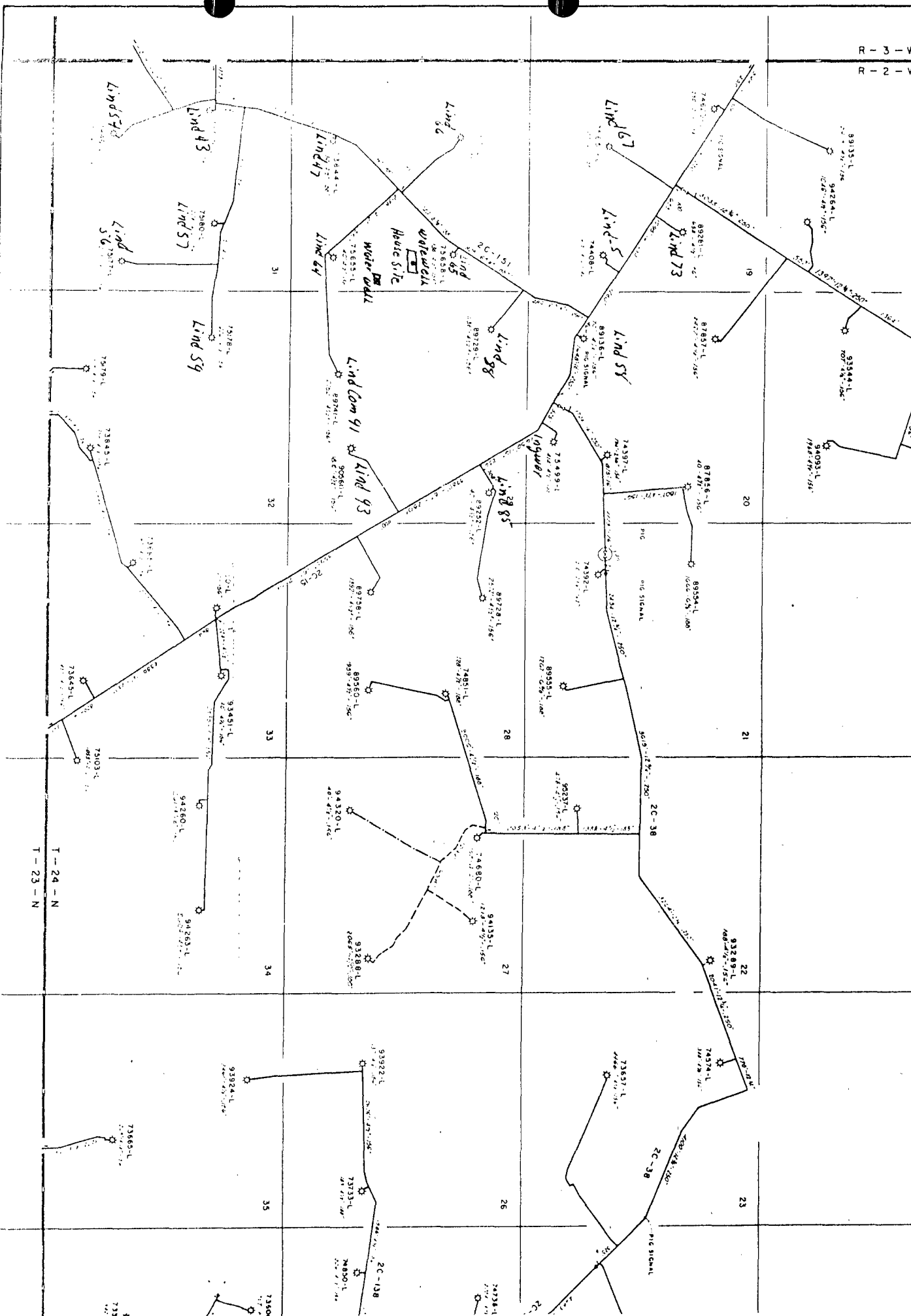


Thank you,  
Bernice Gair



T-24-N, R-2

Sheet I  
20



T-24-N  
T-23-N

T-24-N, R-2



NEW MEXICO OIL CONSERVATION DIVISION  
FIELD TRIP REPORT

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Name Charles Gholson Date 3-26-85 Miles 54 District 3  
Time of Departure 9:00 AM Time of Return 3:00 PM Car No. 6603

In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

Signature Charles Gholson

M O P 1

One well - 29N-11W -

To the Union Texas Petroleum Corp., Saiz #1, to check oil seeping into ditch. About 2 gallon had seeped into ditch over night. Will continue checking and burn accumulated oil every other day.

R O P 5

One well - 29N-12W -

Returned to the Southland Royalty Co., Fed. PRI #1, to witness swab testing. Tubing had 50 Psi after being shut in over night. Have swabbed a total of 270 bbls of water with small amounts of gas. Will continue swabbing.

<u>Mileage</u>	<u>Per Diem</u>	<u>Hours</u>
UIC _____	UIC _____	UIC _____
RFA _____	RFA _____	RFA _____
Other <u>54</u>	Other <u>6.00</u>	Other <u>6</u>

TYPE INSPECTION PERFORMED

INSPECTION CLASSIFICATION

NATURE OF SPECIFIC WELL OR FACILITY INSPECTED

H - Housekeeping  
P - Plugging  
C - Plugging Cleanup  
T - Well Test  
R - Repair/Workover  
F - Waterflow  
M - Mishap or Spill  
W - Water Contamination  
O - 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

O - Other - Inspections not related to injection or the reclamation fund

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

D - Drilling  
P - Production  
I - Injection  
C - Combined production/ injection operations  
S - SWD  
U - Underground Storage  
G - General Operation  
F - Facility or location  
M - Meeting  
O - Other

NEW MEXICO OIL CONSERVATION DIVISION  
FIELD TRIP REPORT

I N S P E C T I O N  
 C L A S S I F I C A T I O N  
 F A C I L I T Y  
 H O U R S  
 Q U A R T E R

Name Charles Gholson Date 3-25-85 Miles 56 District 3  
 Time of Departure 8:00 AM Time of Return 3:00 PM Car No. 6603

In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

Signature Charles Gholson

M O P 3  
 R O P 4

One well - 29N-11W -  
 Returned to the Union Texas Petroleum Corp., Saiz #1, to continue looking for source of oil seeping from hillside below location. They had dug out down arroyo for about 70' to a depth of 6', oil was seeping into ditch in two places. I directed them to leave these areas open and fill rest of the ditch. We will check these every other day and burn accumulated oil. I am convinced the oil was perculating from the dehydrator pit which has been dug out, burned, filled, and abandoned. Dehydrator has been piped to a lined pit.

One well - 29N-12W -  
 West of Bloomfield to witness swab testing at the Southland Royalty Company, Federal PRI #1, prior to casing repair or P&A. Checked 3 nearby domestic water wells to see if gas had dissipated. Had not. Reran tubing tally and found they had sat packer below the top perfs. Picked up tubing 30' and resat packer. Swabbed 120 bbls of water. No gas kick. Will continue swabbing.

<u>Mileage</u>	<u>Per Diem</u>	<u>Hours</u>
UIC _____	UIC _____	UIC _____
RFA _____	RFA _____	RFA _____
Other <u>56</u>	Other <u>6.00</u>	Other <u>7</u>

TYPE INSPECTION PERFORMED

INSPECTION CLASSIFICATION

NATURE OF SPECIFIC WELL OR FACILITY INSPECTED

- |  |  |   |
|--|--|---|
| <ul style="list-style-type: none"> <li>H - Housekeeping</li> <li>P - Plugging</li> <li>C - Plugging Cleanup</li> <li>T - Well Test</li> <li>R - Repair/Workover</li> <li>F - Waterflow</li> <li>M - Mishap or Spill</li> <li>W - Water Contamination</li> <li>O - Other</li> </ul> | <ul style="list-style-type: none"> <li>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. )</li> <li>R - Inspections relating to Reclamation Fund Activity</li> <li>O - Other - Inspections not related to injection or the reclamation fund</li> <li>E - Indicates some form of enforcement action in the field ( show immediately below the letter U, R, or O )</li> </ul> | <ul style="list-style-type: none"> <li>D - Drilling</li> <li>P - Production</li> <li>I - Injection</li> <li>C - Combined production/ injection operations</li> <li>S - SWD</li> <li>U - Underground Storage</li> <li>G - General Operation</li> <li>F - Facility or Location</li> <li>M - Meeting</li> <li>O - Other</li> </ul> |
|--|--|---|

NEW MEXICO OIL CONSERVATION DIVISION  
FIELD TRIP REPORT

I N S P E C T I O N  
 F A C I L I T Y  
 H O U R S  
 Q U A R T E R  
 H O U R S

Name Charles Gholson Date 3-18-85 Miles 62 District 3

Time of Departure 8:00 AM Time of Return 3:00 PM Car No. 6603

In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

Signature Charles Gholson

M O P 6

One well -20-29N-11W -

West of Bloomfield to try to find the source of oil seeping from a hillside at the Union Texas Petroleum Corp., Saiz #1. We dug up all flow lines on location. None of these are leaking. We also emptied the 500 bbl. storage tank, turned it over and checked the bottom, it is not leaking. We will abandon dehydrator pit, dig saturated soil out, refill it, and pipe dehydrator to the separator pit which is lined. If this does not solve the problem, we will start looking for other sources.

R O P 1

One well - 11-29N-12W -

West of Bloomfield to witness casing repair at the Southland Royalty Co., Fed. PRI #1. Rig had not arrived on location.

<u>Mileage</u>	<u>Per Diem</u>	<u>Hours</u>
UIC _____	UIC _____	UIC _____
RFA _____	RFA _____	RFA _____
Other <u>62</u>	Other <u>6.00</u>	Other <u>7</u>

TYPE INSPECTION PERFORMED

INSPECTION CLASSIFICATION

NATURE OF SPECIFIC WELL OR FACILITY INSPECTED

- H - Housekeeping
- P - Plugging
- C - Plugging Cleanup
- T - Well Test
- E - Repair/overhaul
- J - Waterflow
- M - Mishap or Spill
- W - Water Contamination
- O - 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
- O - Other - Inspections not related to injection or the reclamation fund

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

- D - Drilling
- P - Production
- I - Injection
- C - Combined production/ injection operations
- S - SWD
- U - Underground Storage
- G - General Operation
- F - Facility or Location
- M - Meeting
- O - Other

NEW MEXICO OIL CONSERVATION DIVISION  
FIELD TRIP REPORT

I N S P E C T I O N  
 C L A S S I F I C A T I O N  
 F A C I L I T Y  
 H O U R S  
 Q U A R T E R  
 H O U R S

Name Charles Gholson Date 3-15-85 Miles 42 District 3  
 Time of Departure 11:00 AM Time of Return 2:00 PM Car No. 6603

In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

Signature *Charles Gholson*

M O P 3

Two wells -20-29N-11W -

West of Bloomfield to investigate oil seeping from a hillside below the Union Texas Petroleum Corp., Saiz #1, and the W.M. Gallaway, Delo #6. Oil has been leaching out and running down a small arroyo for about 50: Union Texas had a tractor and backhoe on location to remove oil stained dirt and locate the source of oil. I will investigate further.

<u>Mileage</u>	<u>Per Diem</u>	<u>Hours</u>
UIC _____	UIC _____	UIC _____
RFA _____	RFA _____	RFA _____
Other <u>42</u>	Other <u>-</u>	Other <u>3</u>

TYPE INSPECTION REQUIRED

- H - Housekeeping
- P - Plugging
- C - Plugging Cleanup
- T - Well Test
- R - Repair/Workover
- F - Waterflow
- M - Makeup or Spill
- W - Water Contamination
- O - Other

INSPECTION CLASSIFICATION

- 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
- O - Other - Inspections not related to injection or the reclamation fund
- E - Indicates some form of enforcement action in the field ( show immediately below the letter U, R, or O )

NATURE OF SPECIFIC WELL OR FACILITY INSPECTED

- D - Drilling
- P - Production
- I - Injection
- C - Combined production/ injection operations
- S - SWD
- U - Underground Storage
- G - General Operation
- F - Facility or Location
- M - Mining
- O - Other

Travis H.

EPNG - 774-6660

774-6636

Paul M. Donald

Box 89 - Landville  
87029

Paul J. Gagnard -

~~III~~

- K.T.L.

K4 76

1/2 mi West of Jones House  
as now placed