

1R -

318

Well

REPORTS

DATE:

1973



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

May 22, 1992

Mr. Bobby Lewis
P. O. Box 987
Crossroads, NM 88114

Dear Bobby:

I wanted to provide you with the results of the most recent analyses of your various water wells.

March 10, 1992:

<u>Well</u>	<u>Chloride Content (PPM)</u>
East Mill	362.1
#1 Domestic (West)	127.8
#2 Domestic (Middle)	63.9
#3 Domestic (East)	63.9

April 30, 1992:

<u>Well</u>	<u>Chloride Content (PPM)</u>
N. Mill, W. Pasture	142.0
N. Elec., 2 mi. N. of House	142.0
2.5 mi. W.NW. of House-N. Mill	42.6
S. Mill, W. Pasture	113.6
2 mi. W. of House	71.0
East Mill	298.2
Steer Mill	85.2
Bunkhouse Sink	255.6

If you have any questions, don't hesitate to call me at (505)393-6161.

Sincerely,

CHRIS EUSTICE
Environmental Geologist

CE/sad



SEISMIC DRILLING REPORT

S. P.

14

AREA

DATE _____

9-1-73

DRILL

[illegible]

AMOUNT OF MATERIAL USED IN HOLE	CASING RECORD
LIME	AMT SET
DRILLING MUD	
WATER	AMT. REC.
OTHER	

SEC. 302 PRINTED IN U.S.A.

SIGNED.

SEISMIC DRILLING REPORT

S. P.

AREA

DATE _____

DRILL

[illegible]

AMOUNT OF MATERIAL USED IN HOLE	CASING RECORD
LIME	AMT SET
DRILLING MUD	
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OTHER	

SEC. 302 PRINTED IN U.S.A.

SIGNED.

SEISMIC DRILLING REPORT

AREA

DRILL

AMOUNT OF MATERIAL USED IN HOLE	CASING RECORD
LIME	AMT SET
DRILLING MUD	
WATER	AMT. REC.
OTHER	

SIGNED.

SEISMIC DRILLING REPORT

25

AREA

DATE _____

9-17-73

DRILL

AMOUNT OF MATERIAL USED IN HOLE	CASING RECORD
LIME	AMT SET
DRILLING MUD	
WATER	AMT. REC.
OTHER	

SEC. 302 PRINTED IN U.S.A.

SIGNED



Home Office 707 N. Leech, P.O. Box 1499 / Hobbs, MN 88240 / Ph. 505/393-7751, Fax 505/393-6754

May 14, 1992

Mr. Bobby Lewis
Box 987
Crossroads, NM 88114

Dear Mr. Lewis:

On May 7, 1992, Mr. Chris Eustice brought a scale sample from your domestic water well (tubing) for our analyses. Please find results listed below:

1.2% Iron Oxide
98.8% Calcium Carbonate

If you have any questions or require further information, please contact us.

Sincerely,

Elizabeth Wesley
Senior Laboratory Technician

EW/sr

cc: Chris Eustice
Joe Hay

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NEW MEXICO

WATER ANALYSIS REPORT FORM

WELL OWNERSHIP: BOBBY LEWIS WELL #: _____
LAND STATUS: STATE _____ FEDERAL _____ FEE ☒
WELL LOCATION: Unit Letter _____ Section 35 & 76 Township 9S Range 36E
QUARTER/QUARTER - FOOTAGE LOCATION: _____
WELL TYPE: _____ DEPTH _____ feet
WELL USE: _____

SAMPLE NUMBER: _____ TAKEN BY: G. WINK
DATE: 4/17/97

Specific Conductance: _____ m/h
Total dissolved solids: _____ PPM
Chlorides: _____ PPM
Sulfates: _____ PPM
Ortho-phosphates: Very Low _____ Low _____ Med _____ Hi _____
Sulfides: None _____ Low _____ Med _____ Hi _____
OTHER: _____

DATE ANALYZED: 4/18/97 BY: L. W. PRICE
OIL CONSERVATION DIVISION

REMARKS: NO ODORS

	CHLORIDES (PPM)	TDS (UMHOS)	
EAST ZUMA MILL	* 113 ppm / 192 ppm	970	SEC 36
MIDDLE ZUMA	14 "	610	SEC 35
HOUSE WEST WELL	42 "	600	"
NEW HOUSE WELL	42 "	610	"
HOBBS CITY WATER	113 ppm	690	

NO GA/QC

* RAN TWICE

cc: G WINK
HOBBS file

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NEW MEXICO

WATER ANALYSIS REPORT FORM

WELL OWNERSHIP: BOBBY LEWIS WELL #: _____
LAND STATUS: STATE _____ FEDERAL _____ FEE _____
WELL LOCATION: Unit Letter _____ Section 35+36 Township 9S Range 36E
QUARTER/QUARTER - FOOTAGE LOCATION: _____
WELL TYPE: _____ DEPTH _____ feet
WELL USE: _____

SAMPLE NUMBER: _____ TAKEN BY: G WINK
DATE: ~~5/15~~ 5/6/98

Specific Conductance: _____ m_h
Total dissolved solids: _____ PPM
Chlorides: _____ PPM
Sulfates: _____ PPM
Ortho-phosphates: Very Low _____ Low _____ Med _____ Hi _____
Sulfides: None _____ Low _____ Med _____ Hi _____
OTHER: _____

DATE ANALYZED: 5/13/98 BY: LW PRICE
OIL CONSERVATION DIVISION

REMARKS: _____

	TDS (umhos)	CHLORIDE
EAST WIND MILL	390	142 ppm
MIDDLE WELL (#1 SW of RESIDENCE)	300	14 ppm
HOUSE WEST WELL (#2 SW of RESIDENCE)	300	14 ppm
NEW HOUSE WELL	310	14 ppm
HOBBS CITY WATER	320	71 ppm

NO QA/QC

Memo

From

N. E. CLEGG
Inspector

To

Bobby Lewis

~~N Mill, w Pasture~~ - 142.0 PPM
N elec well, 2 mi N of house - 142.0
2.5 mi WNW of Reh house
N1 Mill - 42.6
~~S Mill in w Pasture~~ - 113.6
2 mi W of Reh house - 71.0
East Mill - 298.2
Steer Mill - 85.2
Bunkhouse - 255.6

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NEW MEXICO

WATER ANALYSIS REPORT FORM

WELL OWNERSHIP: BOBBY LEWIS WELL #: MID DOM
LAND STATUS: STATE FEDERAL FEE ✓
WELL LOCATION: Unit Letter Section 36 Township 9 Range 36
QUARTER/QUARTER - FOOTAGE LOCATION:
WELL TYPE: WATER WELL DEPTH feet
WELL USE: DOMESTIC

SAMPLE NUMBER: TAKEN BY: C. EUSTICE
DATE: 3-10-92

Specific Conductance: m μ
Total dissolved solids: PPM
Chlorides: 63.9 PPM
Sulfates: PPM
Ortho-phosphates: Very Low Low Med Hi
Sulfides: None Low Med Hi
OTHER:

DATE ANALYZED: 3-11-92 BY: C. EUSTICE
OIL CONSERVATION DIVISION

REMARKS: TESTED USING 50 ML SAMPLE & TITRATION METHOD.
71 X .9 = 63.9 PPM Cl⁻

PREVIOUS SAMPLE RESULTS :

7-36-85

7-9-90

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NEW MEXICO

WATER ANALYSIS REPORT FORM

WELL OWNERSHIP: BOBBY LEWIS WELL #: EAST DOM
LAND STATUS: STATE FEDERAL FEE ✓
WELL LOCATION: Unit Letter Section 36 Township 9 Range 36
QUARTER/QUARTER - FOOTAGE LOCATION:
WELL TYPE: WATER WELL DEPTH feet
WELL USE: DOMESTIC

SAMPLE NUMBER: TAKEN BY: C. EUSTICE
DATE: 3-10-92

Specific Conductance: m/h
Total dissolved solids: PPM
Chlorides: 63.9 PPM
Sulfates: PPM
Ortho-phosphates: Very Low Low Med Hi
Sulfides: None Low Med Hi
OTHER:

DATE ANALYZED: 3-11-92 BY: C. EUSTICE
OIL CONSERVATION DIVISION

REMARKS: TESTED USING 50 ML SAMPLE & TITRATION METHOD.
71 x .9 = 63.9 PPM Cl-

PREVIOUS SAMPLE RESULTS :

7-30-85

7-9-90

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NEW MEXICO

WATER ANALYSIS REPORT FORM

WELL OWNERSHIP: BOBBY LEWIS WELL #: E. WINDMILL
LAND STATUS: STATE FEDERAL FEE ✓
WELL LOCATION: Unit Letter Section 36 Township 9 Range 36
QUARTER/QUARTER - FOOTAGE LOCATION:
WELL TYPE: WINDMILL DEPTH 7 feet
WELL USE: LIVESTOCK USE

SAMPLE NUMBER: TAKEN BY: C. EUSTICE
DATE: 3-10-92

Specific Conductance: m/h
Total dissolved solids: PPM
Chlorides: 362.1 PPM
Sulfates: PPM
Ortho-phosphates: Very Low Low Med Hi
Sulfides: None Low Med Hi
OTHER:

DATE ANALYZED: 3-11-92 BY: C. EUSTICE
OIL CONSERVATION DIVISION

REMARKS: TESTED USING 50 ML SAMPLE & TITRATION.
 $71 \times 5.1 = 362.1$ PPM Cl^-

LAST SAMPLED BY E. SEAY. TEST RESULTS THEN
INDICATED Cl^- CONCENTRATION OF 326.6 PPM.
THIS WAS ONLY RESULT FOUND ON THE WINDMILL.

BOBBY LEWIS RANCH

PREVIOUS RESULTS (PPM CI-)

	<u>7-30-85</u>	<u>7-9-90</u>	<u>3-10-92</u>
<u>WINDMILL</u>		326.6	362.1
<u>#1 DOMESTIC</u> West	28.4	127.8	127.8
<u>#2 DOMESTIC</u>	71.0	71.0	63.9
<u>#3 DOMESTIC</u>	71.0	99.4	63.9

Ricky Wilches
Spook (dead)
Dores.

BOBBY LEWIS SAMPLES (Chlorides)

	<u>8-23-73</u>	<u>9-12-73</u>	<u>4-30-92</u>
West Pasture, North Mill	78.1	142.0	142.0
Steel Mill	74.5		85.2
South Mill, West Pasture	82.2		113.6
East Mill	177.5		298.0

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NEW MEXICO

WATER ANALYSIS

WELL OWNERSHIP: BOBBY LEWIS WELL NO. EAST MILL

LAND STATUS: State _____ Federal _____ Fee ✓

WELL LOCATION: Unit Letter _____, Section _____, T. _____ S, R _____ E

Type well: WINDMILL Depth 150' feet

Well Use: LIVESTOCK

Sample Number: _____

Date Taken: 1-10-95

Taken By: GARY W. WINK

Specific Conductance: _____ m/

Total Dissolved Solids _____ PPM

Chlorides: 241.4 PPM

Sulfates: _____ PPM

Water Level: _____ from surface

Date Analyzed: 1-11-95

By: Gary W. Wink
Oil Conservation Division

REMARKS: _____

Supervisor, District I

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NEW MEXICO

WATER ANALYSIS

WELL OWNERSHIP: BOBBY LEWIS WELL NO. 3

LAND STATUS: State Federal Fee ✓

WELL LOCATION: Unit Letter , Section , T S, R E

Type well: SUBMERSIBLE Depth 150' feet

Well Use: RESIDENCE & LIVESTOCK

Sample Number:

Date Taken: 1-10-95

Taken By: GARY W. WINK

Specific Conductance: m/

Total Dissolved Solids PPM

Chlorides: 71.0 PPM

Sulfates: PPM

Water Level: from surface

Date Analyzed: 1-11-95

By: Gary W. Wink
Oil Conservation Division

REMARKS:

Supervisor, District I

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NEW MEXICO

WATER ANALYSIS

WELL OWNERSHIP: BOB WELL NO. 2

LAND STATUS: State _____ Federal _____ Fee ☒

WELL LOCATION: Unit Letter _____, Section _____, T _____ S, R _____ E

Type well: SUBMERSIBLE Depth 150' feet

Well Use: RESIDENCE + LIVESTOCK

Sample Number: _____

Date Taken: 1-10-95

Taken By: GARY W. WINK

Specific Conductance: _____ m/lr

Total Dissolved Solids _____ PPM

Chlorides: 71.0 PPM

Sulfates: _____ PPM

Water level: _____ from surface

Date Analyzed: 1-11-95

By: Gary W. Wink
Oil Conservation Division

REMARKS: _____

Supervisor, District I

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NEW MEXICO

WATER ANALYSIS

WELL OWNERSHIP: BOBBY LEWIS WELL NO. # 1

LAND STATUS: State _____ Federal _____ Fee ☒

WELL LOCATION: Unit Letter _____, Section _____, T _____ S, R _____ E

Type well: SUBMERSIBLE Depth 150' feet

Well Use: RESIDENCE & LIVESTOCK

Sample Number: _____

Date Taken: 1-10-95

Taken By: GARY W. WINK

Specific Conductance: _____ m/cm

Total Dissolved Solids _____ PPM

Chlorides: 497.0 PPM

Sulfates: _____ PPM

Water Level: _____ from surface

Date Analyzed: 1-11-95

By: Gary W. Wink
Oil Conservation Division

REMARKS: _____

Supervisor, District I