

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Ken McQueen
Cabinet Secretary

Matthias Sayer
Deputy Cabinet Secretary

Heather Riley, Division Director
Oil Conservation Division



Hello Mr. Settle,

Thank you for your response to my previous email regarding denial of the Remediation Plan for 2RP-4422. This communication is to provide further clarity on the denial decision. NMOCD is tasked with, among other things, "to protect public health and the environment" as well as the, "protection against contamination of fresh water supplies"(70-2-12, NMSA). Fresh water includes ground water containing, "10,000 mg/l or less of TDS"(19.15.2.7, NMAC). Ground water fluctuates seasonally and across years due to naturally occurring changes in precipitation. Ground water can also fluctuate across years due to atypical precipitation events such as drought. Because NMOCD seeks to avoid/reduce fresh water contamination the determination of distances to fresh water includes measurements from, "ordinary high-water mark(s)"(19.15.29.12, NMAC) to capture these natural fluctuations. This allows NMOCD to make an accurate determination of the risk of contamination.

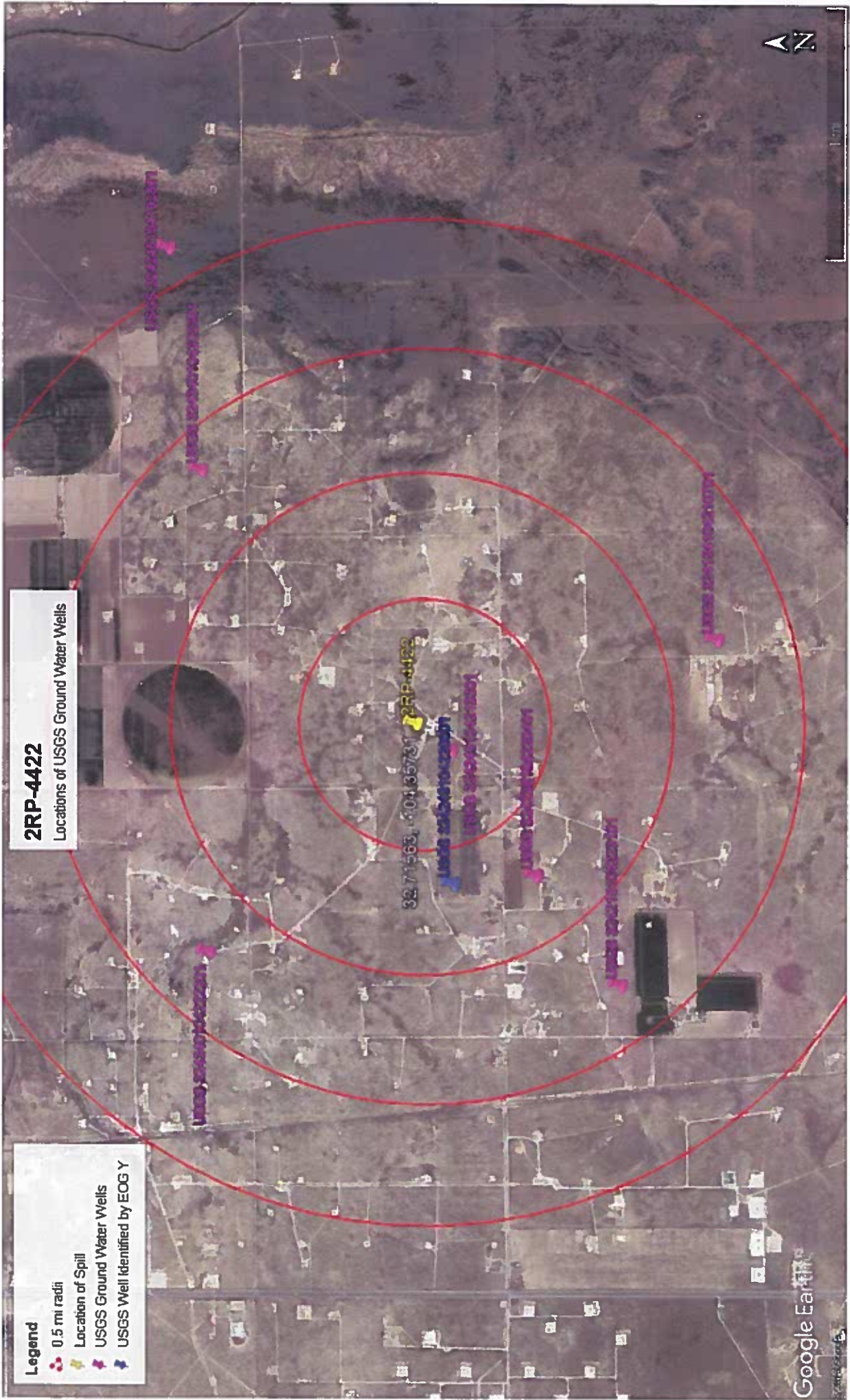
On September 12, 2017 there was a spill of 27 bbls of oil and 110 bbls of produced water at location: 32.71563, -104.35731. There are eight USGS ground water wells surrounding the spill site, including USGS 324249104220601 (601) which was chosen by EOG Y Resources (EOG Y) as representative of DTW. Well 601 is pinned and highlighted in blue in the following attachments. Each of these wells including 601 show cyclical if not continuous DTW of less than 51' which is the Table 1 19.15.29.12 NMAC guideline cutoff. The last measured DTW for 601 in 2005 shows 50.72' and 7 of the 8 have last measured DTW below 51' which makes the remediation criteria for this site as follows: Chlorides: 600 mg/kg, TPH: 100 mg/kg, BTEX 50 mg/kg, and Benzene: 10 mg/kg. These shallow depths show a high risk of ground water contamination if spill fluids were to remain in place.

Regarding remediating only the top 4', prior to the revision of 19.15.29 NMAC (New Rule) this was a common activity. The New Rule now states that responsible parties must *remediate impacted areas to Table 1 19.15.29.12 NMAC*. As this is now Rule, NMOCD will abide by this standard.

There are several options moving forward for EOG Y. These options include a revision of the current Remediation Plan, and submission of a hearing application. Hearing applications must be submitted within 30 days of denial therefore NMOCD should receive this application by October 3, 2018 (19.15.29.12, NMAC). Please let me know how EOG Y would like to proceed. NMOCD will make every effort to work with your team with either choice.

Best Regards,

Maria Pruett





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Groundwater levels for the Nation

Search Results -- 3 sites found

site_no list =

- 324249104213301 - 19 mi
 - 324238104220401 - 72 mi
 - 324249104220601 - 68 mi
- } SW of site

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 324238104220401 18S.26E.34.21330

Eddy County, New Mexico

Latitude 32°42'38", Longitude 104°22'04" NAD27 32.70889, -104.3678

Land-surface elevation 3,352 feet above NAVD88

The depth of the well is 797 feet below land surface.

This well is completed in the Grayburg Formation (313GRBG) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water- level date- time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water- level accuracy	? Status	? Method of measurement	? Measuring agency	? Source or measure
1905-11-17			D -137.29				2			U
1906-04-20			D -111.88				2			U
1906-07-25			D -114.19				2			U
1906-10-16			D -93.40				2			U
1907-01-30			D -107.26				2			U
1907-06-20			D -79.54				2			U
1907-09-20			D -70.30				2			U
1907-12-12			D -100.33				2			U
1908-04-01			D -63.37				2			U
1908-06-16			D -48.36				2			U
1908-09-07			D -72.61				2			U
1908-12-12			D -83.01				2			U
1909-03-18			D -61.06				2			U
1910-06-15			D -26.41				2			U
1911-01-03			D -47.20				2			U
1911-06-12			D -21.79				2			U
1912-01-19			D -54.13				2			U
1912-05-17			D -24.10				2			U
1913-08-09			D -24.10				2			U

1914-01-17

D

49.51

2

U

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

USGS 324249104213301 18S.26E.26.33334

Eddy County, New Mexico

Latitude 32°42'49", Longitude 104°21'33" NAD27 32.71301, -104.3592

Land-surface elevation 3,328 feet above NAVD88

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measure
1955-01-11		D	43.80				2		U	
1956-01-08		D	44.02				2		U	
1957-01-04		D	44.37				2		U	
1958-01-28		D	44.83				2		U	
1958-08-27		D	45.25				2		U	
1959-01-23		D	44.80				2		U	
1960-01-27		D	45.87				2		U	
1961-01-20		D	46.58				2		U	
1962-01-25		D	46.64				2		U	
1963-01-09		D	46.77				2		U	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.

Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

USGS 324249104220601 18S.26E.27.433333

Eddy County, New Mexico

Latitude 32°42'49", Longitude 104°22'06" NAD27 32.71361, -104.3687

Land-surface elevation 3,351 feet above NAVD88

The depth of the well is 744 feet below land surface.

This well is completed in the Grayburg Formation (313GRBG) local aquifer.

Output formats[Table of data](#)[Tab-separated data](#)[Graph of data](#)[Reselect period](#)

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measur
1907-09-20		D	-86.10				2		U	
1907-12-12		D	-104.95				2		U	
1908-04-01		D	-63.17				2		U	
1908-06-16		D	-54.13				2		U	
1908-09-07		D	-72.61				2		U	
1908-12-12		D	-81.85				2		U	
1909-03-18		D	-62.22				2		U	
1909-11-10		D	-81.85				2		U	
1910-01-02		D	-68.02				2		U	
1910-12-02		D	-81.85				2		U	
1911-06-07		D	-28.72				2		U	
1911-09-29		D	-17.96				2		U	
1912-01-12		D	-61.06				2		U	
1912-05-19		D	-17.96				2		U	
1913-07-09		D	-28.72				2		U	
1914-01-07		D	-13.34				2		U	
1916-07-26		D	-56.84				2		U	
1926-08-24		D	-12.55				2		U	
1927-12-06		D	-12.55				2		U	
1956-01-04		D	20.60				2		U	
1956-02-09		D	11.46				2		U	
1957-01-11		D	31.60				2		U	
1958-01-16		D	24.40				2		U	
1958-12-30		D	25.20				2		U	
1960-01-12		D	17.60				2		U	
1961-01-05		D	27.20				2		U	
1962-01-05		D	17.40				2		U	
1963-01-09		D	40.10				2		U	
1963-08-14		D	150.58				2		U	
1963-09-04		D	121.27				2		U	
1963-09-30		D	119.21				2		U	
1963-11-20		D	71.86				2		U	
1964-01-09		D	56.71				2		U	

1965-01-12	D	65.37	2	U	
1966-01-24	D	58.46	2	U	
1984-02-01	D	55.39	2	U	
1989-01-25	D	59.13	2	U	
1990-02-16	D	62.23	2	S	
1990-03-28	D	66.40	2	S	
1990-04-30	D	72.96	2	S	
1990-06-28	D	109.45	2	S	
1990-07-30	D	106.06	2	S	
1990-09-28	D	83.17	2	S	
1990-10-25	D	63.10	2	S	
1990-12-06	D	50.47	2	S	
1991-01-03	D	47.40	2	S	
1991-01-30	D	43.20	2	S	
1991-03-05	D	43.82	2	S	
1991-04-02	D	79.56	2	S	
1991-04-30	D	68.69	2	S	
1991-07-21	D	108.98	2	S	
1991-08-09	D	105.00	2	S	
1991-09-05	D	100.19	2	S	
1991-10-07	D	67.54	2	S	
1991-11-05	D	54.82	2	S	
1991-12-05	D	48.84	2	S	
1992-01-07	D	43.05	2	S	
1992-02-03	D	40.61	2	S	
1992-03-02	D	38.69	2	S	
1992-03-31	D	64.77	2	S	
1992-06-02	D	54.20	2	S	
1992-06-30	D	73.02	2	S	
1992-08-03	D	78.16	2	S	
1992-08-27	D	91.97	2	S	
1992-10-01	D	77.84	2	S	
1992-11-02	D	55.89	2	S	
1992-12-03	D	47.57	2	S	
1992-12-30	D	43.32	2	S	
1993-02-05	D	38.70	2	S	
1993-03-01	D	38.43	2	S	
1993-03-30	D	67.97	2	S	
1993-04-29	D	74.89	2	S	
1993-07-01	D	104.67	2	S	
1993-08-02	D	105.03	2	S	
1993-09-01	D	110.27	2	S	
1994-02-08	D	44.65	2	S	
1999-01-07	D	51.70	2	S	USGS
2003-01-23	D	57.61	2	S	USGS
2004-01-30	D	58.10	2	S	USGS
2005-01-26 10:49 MST	m	50.72	2	S	NM001

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Measuring agency	NM001	New Mexico State Engineers Office
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	A	Reported by another government agency (do not use "A" if reported by owner, use "O").
Source of measurement	R	Reported by person other than the owner, driller, or another government agency.
Source of measurement	S	Measured by personnel of reporting agency.
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>

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Page Last Modified: 2018-09-04 18:03:34 EDT

0.67 0.47 nadww01





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Data Category: **Groundwater** Geographic Area: **United States** **GO**

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Groundwater levels for the Nation

Search Results -- 5 sites found

site_no list =

- 324215104223101 1.09 SW
- 324340104222201 1.2 mi NW
- 324340104202301 1.27 mi NE
- 324154104210701 1.2 mi S
- 324246104192801 1.96 mi E

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload**USGS 324154104210701 19S.26E.02.21131**

Eddy County, New Mexico

Latitude 32°41'54", Longitude 104°21'07" NAD27 32.69833, -104.3519

Land-surface elevation 3,305 feet above NAVD88

The depth of the well is 87 feet below land surface.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Water-level accuracy	Status	Method of measurement	Measuring agency	Source
1952-01-08			32.10				2		U	
1953-01-07			37.70				2		U	
1954-01-09			36.69				2		U	
1955-01-11			34.58				2		U	
1956-01-18			34.30				2		U	
1957-01-03			35.55				2		U	
1958-01-28			36.55				2		U	
1958-08-27			38.40				2		U	
1959-01-27			36.65				2		U	
1960-01-27			37.50				2		U	
1961-01-20			37.55				2		U	
1962-01-25			38.27				2		U	
1979-03-09			45.03				2		U	
1984-02-23			49.49				2		U	
1989-01-25			49.55				2		U	
1990-02-20			50.21				2	S	U	
1990-03-28			50.00				2		S	

1990-04-30	D	50.18	2	S	
1990-05-30	D	50.13	2	S	
1990-06-28	D	50.27	2	S	
1990-07-30	D	50.31	2	S	
1990-08-30	D	50.29	2	S	
1990-09-28	D	50.44	2	U	
1990-10-25	D	50.63	2	S	
1990-12-06	D	50.69	2	S	
1991-01-03	D	50.37	2	S	
1991-01-30	D	50.67	2	S	
1991-03-05	D	50.59	2	S	
1991-04-02	D	50.49	2	S	
1991-04-30	D	50.68	2	S	
1991-06-03	D	50.77	2	S	
1991-07-11	D	50.87	2	S	
1991-08-09	D	50.82	2	U	
1991-09-05	D	50.84	2	S	
1991-10-07	D	50.79	2	S	
1991-11-05	D	50.73	2	S	
1991-12-05	D	50.67	2	S	
1992-01-07	D	50.54	2	S	
1992-02-03	D	50.51	2	S	
1992-03-02	D	50.54	2	S	
1992-03-31	D	50.54	2	S	
1992-04-30	D	50.48	2	S	
1992-06-02	D	50.43	2	S	
1992-06-30	D	50.37	2	S	
1992-08-03	D	50.33	2	S	
1992-08-27	D	50.43	2	S	
1992-10-01	D	50.44	2	S	
1992-11-02	D	50.43	2	S	
1992-12-03	D	50.45	2	S	
1992-12-30	D	50.54	2	S	
1993-02-05	D	50.52	2	S	
1993-03-01	D	50.41	2	S	
1993-03-30	D	50.42	2	S	
1993-04-29	D	50.48	2	S	
1993-06-01	D	51.38	2	S	
1993-07-01	D	50.48	2	S	
1993-08-02	D	50.57	2	S	
1993-09-01	D	50.65	2	S	
1993-09-30	D	50.73	2	S	
1994-02-08	D	50.82	2	S	
1999-01-07	D	52.22	2	S	USGS
2004-01-30	D	54.89	2	S	USGS
2005-02-08 11:05 MST	m	54.60	2	S	NM001
2006-02-07 12:30 MST	m	56.13	2	S	NM001
2007-02-12 08:45 MST	m	55.49	2	S	NM001
2008-01-09 11:30 MST	m	55.09	2	S	NM001
2009-01-09 09:15 MST	m	55.30	2	S	NM001

2010-01-12 11:58 MST	m	55.44	2	S	NM001
2011-01-24 11:20 MST	m	56.05	2	S	NM001
2012-01-06 11:45 MST	m	56.15	2	S	NM001
2015-01-14 10:05 MST	m	56.48	2	S	NM001

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Status	S	Nearby site that taps the same aquifer was being pumped.
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Measuring agency	NM001	New Mexico State Engineers Office
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	A	Reported by another government agency (do not use "A" if reported by owner, use "O").
Source of measurement	R	Reported by person other than the owner, driller, or another government agency.
Source of measurement	S	Measured by personnel of reporting agency.
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

USGS 324215104223101 18S.26E.34.313244

Eddy County, New Mexico

Latitude 32°42'15", Longitude 104°22'31" NAD27 12.70417, -104.3753

Land-surface elevation 3,360 feet above NAVD88

The depth of the well is 871 feet below land surface.

This well is completed in the Grayburg Formation (313GRBG) local aquifer.

Output formatsTable of dataTab-separated dataGraph of dataReselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1956-01-04		D	30.50			2			U	
1956-02-09		D	23.46			2			U	
1957-01-11		D	42.20			2			U	
1958-01-16		D	36.30			2			U	
1958-12-30		D	37.20			2			U	
1960-01-12		D	50.70			2			U	
1961-01-05		D	36.80			2			U	

1963-01-09	D	52.46	2	U	
1963-10-22	D	106.00	2	U	
1963-11-21	D	81.54	2	U	
1964-01-09	D	67.18	2	U	
1965-01-12	D	72.13	2	U	
1968-01-03	D	68.28	2	U	
1969-01-14	D	59.69	2	U	
1970-01-13	D	55.57	2	U	
1971-01-25	D	58.30	2	U	
1972-01-11	D	60.72	2	U	
1973-01-15	D	57.99	2	U	
1974-01-24	D	68.36	2	U	
1975-01-23	D	59.70	2	U	
1979-01-30	D	59.59	2	U	
1984-01-26	D	60.58	2	U	
1984-02-01	D	59.85	2	U	
1989-01-26	D	37.46	2	U	
1990-03-07	D	50.42	2	S	
1992-02-04	D	35.40	2	S	
1993-02-05	D	35.17	2	S	
1994-02-09	D	49.40	2	S	
1999-01-07	D	50.74	2	S	USGS
2003-01-23	D	58.43	2	S	USGS
2004-01-30	D	59.21	2	S	USGS
2005-01-26 11:05 MST	m	49.46	2	S	NM001

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Measuring agency	NM001	New Mexico State Engineers Office
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	A	Reported by another government agency (do not use "A" if reported by owner, use "O").
Source of measurement	R	Reported by person other than the owner, driller, or another government agency.
Source of measurement	S	Measured by personnel of reporting agency.
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

USGS 324246104192801 18S.27E.30.33334

Eddy County, New Mexico

Latitude 32°42'46", Longitude 104°19'28" NAD27 32.70944, -104.3244

Land-surface elevation 3,279 feet above NAVD88

The depth of the well is 27 feet below land surface.

9/7/2018

USGS Groundwater for USA: Water Levels – 5 sites

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Water-level accuracy	Status	Method of measurement	Measuring agency	Source of measure
1972-06-28		D	21.18			2			U	
1972-07-28		D	21.66			2			U	
1972-08-21		D	21.93			2			U	
1972-10-06		D	20.74			2			U	
1973-01-26		D	19.62			2			U	
1973-03-01		D	20.73			2			U	
1973-04-27		D	18.87			2			U	
1973-08-24		D	21.25			2			U	
1974-07-22		D	22.59			2			U	
1974-11-19		D	16.53			2			U	
1975-10-16		D	17.34			2			U	
1977-01-17		D	19.48			2			U	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

USGS 324340104202301 18S.26E.25.112122

Eddy County, New Mexico

Latitude 32°43'40", Longitude 104°20'23" NAD27 12.72778, -104.3397

Land-surface elevation 3,296 feet above NAVD88

The depth of the well is 100 feet below land surface.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Water-level accuracy	Status	Method of measurement	Measuring agency	Source of measure
1955-02-03		D	18.76			2			U	

1958-08-27	D	31.55	2	U
1959-01-23	D	24.90	2	U
1960-01-25	D	26.18	2	U
1961-01-20	D	24.52	2	U
1962-01-25	D	26.56	2	U
1963-01-09	D	31.53	2	U
1963-07-23	D	36.39	2	U
1963-08-13	D	37.35	2	U
1963-09-04	D	36.65	2	U
1963-09-30	D	35.26	2	U
1963-11-21	D	34.07	2	U
1964-01-09	D	32.05	2	U
1965-01-12	D	35.93	2	U
1966-01-24	D	36.91	2	U
1967-01-29	D	34.77	2	U
1968-01-03	D	36.92	2	U
1969-01-14	D	34.96	2	U
1970-01-14	D	36.80	2	U
1973-01-15	D	37.53	2	U
1974-01-10	D	40.52	2	U
1975-01-13	D	37.00	2	U
1979-03-06	D	36.93	2	U
1984-01-26	D	42.00	2	U
1989-01-25	D	34.48	2	U
1990-02-16	D	37.32	2	U
1990-03-28	D	37.56	2	U
1990-04-30	D	39.58	2	U
1990-05-30	D	40.55	2	S
1990-06-28	D	42.27	2	S
1990-07-30	D	43.72	2	S
1990-08-30	D	44.18	2	S
1990-09-28	D	44.65	2	S
1990-10-25	D	43.74	2	S
1990-12-06	D	42.27	2	S
1991-01-03	D	40.17	2	S
1991-01-30	D	40.22	2	S
1991-03-05	D	39.02	2	S
1991-04-02	D	39.55	2	S
1991-04-30	D	41.52	2	S
1991-06-03	D	42.25	2	S
1991-07-01	D	43.25	2	S
1991-08-09	D	43.55	2	S
1991-09-05	D	43.74	2	S
1991-10-07	D	42.60	2	S
1991-11-05	D	41.05	2	S
1991-12-05	D	39.40	2	S
1992-01-07	D	37.85	2	S
1992-02-03	D	36.75	2	S
1992-03-02	D	35.77	2	S
1992-03-31	D	35.54	2	S

1992-04-30	D	37.75	2	S	
1992-06-02	D	36.48	2	S	
1992-06-30	D	36.77	2	S	
1992-08-03	D	38.75	2	S	
1992-08-27	D	40.15	2	S	
1992-10-01	D	40.80	2	S	
1992-11-02	D	39.61	2	S	
1992-12-03	D	38.43	2	S	
1992-12-30	D	37.50	2	S	
1993-02-02	D	36.31	2	S	
1993-03-01	D	35.46	2	S	
1993-03-30	D	36.04	2	S	
1993-04-29	D	38.17	2	S	
1993-06-01	D	38.73	2	S	
1993-07-01	D	40.72	2	S	
1993-08-02	D	42.26	2	S	
1993-09-01	D	43.48	2	S	
1993-09-30	D	44.04	2	S	
1994-02-08	D	39.41	2	S	
1999-01-07	D	44.93	2	S	USGS
2003-01-23	D	44.40	2	S	USGS
2004-01-29	D	45.82	2	S	USGS
2005-01-26 10:34 MST	m	43.37	2	S	NM001
2006-02-16 09:30 MST	m	40.61	2	S	NM001
2007-02-08 09:00 MST	m	39.94	2	S	NM001
2008-01-09 13:25 MST	m	39.37	2	S	NM001
2009-01-12 12:30 MST	m	39.69	2	S	NM001
2010-01-11 11:00 MST	m	39.92	2	S	NM001
2011-01-24 10:35 MST	m	38.98	2	S	NM001
2013-01-23 10:50 MST	m	45.22	2	S	NM001
2015-01-14 11:50 MST	m	36.28	2	S	NM001

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Measuring agency	NM001	New Mexico State Engineers Office
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	A	Reported by another government agency (do not use "A" if reported by owner; use "O").
Source of measurement	R	Reported by person other than the owner, driller, or another government agency.
Source of measurement	S	Measured by personnel of reporting agency.
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

USGS 324340104222201 18S.26E.27.12111

Eddy County, New Mexico

Latitude 32°43'40", Longitude 104°22'22" NAD27 **32.72778, -104.37222**

Land-surface elevation 3,326 feet above NAVD88

The depth of the well is 888 feet below land surface.

This well is completed in the Grayburg Formation (313GRBG) local aquifer.

Output formats[Table of data](#)[Tab-separated data](#)[Graph of data](#)[Reselect period](#)

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measure
1907-07-20		D	-107.26				2		U	
1907-12-27		D	-100.33				2		U	
1908-03-31		D	-74.92				2		U	
1908-06-18		D	-91.09				2		U	
1908-08-29		D	-95.71				2		U	
1908-12-30		D	-99.18				2		U	
1909-03-18		D	-85.32				2		U	
1909-11-09		D	-79.54				2		U	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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