

# Groundwater Levels in the Kiowa-Bijou Designated Groundwater Basin

2019

by

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Hydrogeology Section

May 17, 2019



**COLORADO**

**Division of Water Resources**

Department of Natural Resources

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## KIOWA-BIJOU DESIGNATED GROUNDWATER BASIN 2019

This report contains the basic groundwater-level data collected from wells in the North Kiowa-Bijou Ground Water Management District during early March of 2019. Acquisition and publication of this information is a cooperative effort between the North Kiowa-Bijou Ground Water Management District, private land owners, and the Colorado Division of Water Resources. The project is part of a statewide groundwater-level monitoring program funded by Senate Bill 200 (1987 legislative session). This legislation directed that a portion of the fees collected for water well permit applications be used for the establishment of a program to monitor water-level trends throughout the state.

A total of 33 wells were measured in 2019. These wells are part of an observation well network that has been measured for many years. Records on at least one well date back to 1936, however, measurements from most of the wells date from the 1950's and 1960's. For 2019, depth to groundwater below ground surface ranged from approximately 11 feet in the southern portion of the basin near Strasburg to 160 feet in the northern region, near Wiggins. Water levels in excess of 100 feet deep were reported in wells KB-12, KB-13, KB-14, KB-15, and KB-41, which are located in the northernmost portion of the Bijou Creek drainage.

A map is included showing the locations of the monitoring wells included in this publication. The wells in this report are listed by name in numerical order. Tabular data are presented for each well for the previous ten measurements. Graphical data are presented for the entire period of record. Measurements for the full period of record may be accessed from the CDSS webpage (link below).

Analyses of changes of groundwater levels in the aquifer are complicated by unknown pumping schedules. We describe shorter- and longer-term changes in water levels using 1- and 5-year comparisons. We did not calculate 10-year comparisons, because water levels were not measured in the area in 2009. Overall, water levels were relatively stable between 2018 and 2019, with an average decrease of less than 0.25 feet. Because of the distribution of the alluvium in this basin, analysis of groundwater levels by drainage is more revealing. Groundwater levels in the Kiowa Creek drainage are down approximately 1 foot from 2018, but up by about 3.5 feet from 2014. Groundwater-levels in the Bijou Creek drainage increased by approximately 0.3 feet since 2018, and 4 feet since 2014. Individual wells, however, vary significantly. The long-term trend over most of the basin shows a diminishing water-level decline.

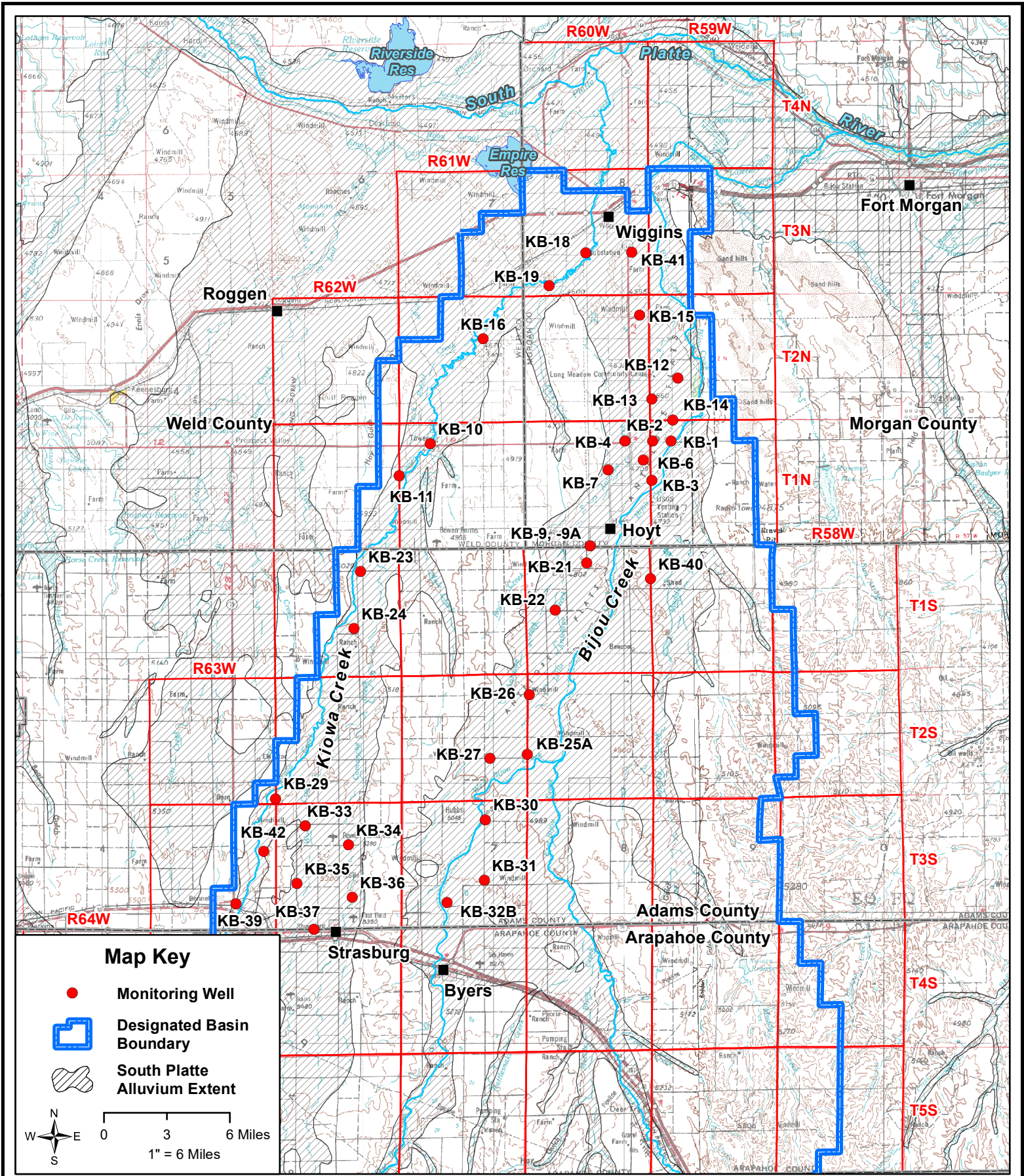
Copies of this report can be purchased from the Office of the State Engineer, Records Section, 1313 Sherman St., Room 821, Denver, CO 80203, (303) 866-3581. An electronic copy of this report, in Adobe PDF format, is available on the Division of Water Resources website:  
<http://water.state.co.us/groundwater/Levels/Pages/HydroGeo.aspx>

The direct link to the North Kiowa-Bijou Publication Area on the CDSS webpage:  
<http://dnrweb.state.co.us/cdss/GroundWater/WaterLevels/Search?submitButton=Submit&SelectedPublicationAreaName=KIOWA-BIJOU&SelectedAquiferName=All>

Additionally, all groundwater level data may be accessed and exported using the tools available on the Colorado Decision Support System: <http://dnrweb.state.co.us/cdss/GroundWater/GroundWaterSearch>

or the Colorado Decision Support System MapViewer  
<http://water.state.co.us/DataMaps/GISandMaps/MapViewer/Pages/FAQ.aspx>

If you have any questions regarding groundwater in the North Kiowa-Bijou Designated Groundwater Basin and the information in this report, please contact the Groundwater Information Desk at (303) 866-3587 or through AskDWR,  
[http://www.dwr.state.co.us/OnlineTools/AskDWR.aspx?topic\\_num=31&office\\_num=8](http://www.dwr.state.co.us/OnlineTools/AskDWR.aspx?topic_num=31&office_num=8)



**COLORADO**  
 Division of Water Resources  
 Department of Natural Resources

# Kiowa Bijou Designated Basin Monitoring Well Locations



**GROUNDWATER DETAILS**

**Well Name:** KB-01  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00105905CCC  
**USGS Site ID:** 400425104010402  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
65 S	76 W	SW	SW	SW	5	1.0 N	59.0 W	S	583703.7	4436390.5	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

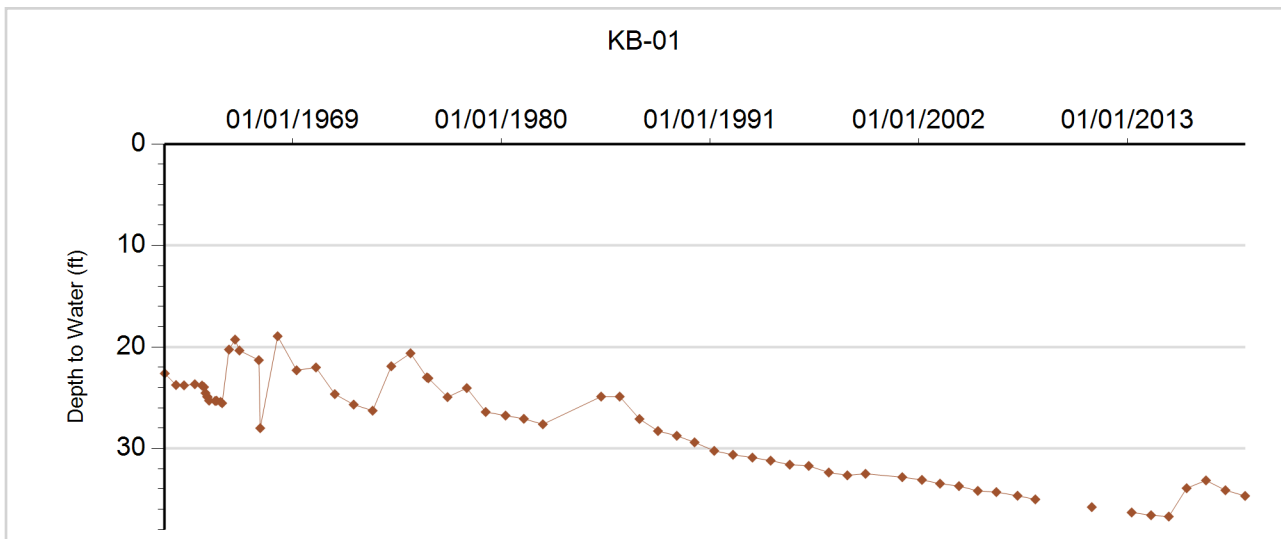
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	34.68	4643.90	-0.56
03/06/2018	34.12	4644.46	-0.97
02/23/2017	33.15	4645.43	0.77
02/17/2016	33.92	4644.66	2.79
03/11/2015	36.71	4641.87	-0.13
04/04/2014	36.58	4642.00	-0.27
03/26/2013	36.31	4642.27	
03/09/2012			
02/17/2011	35.78	4642.80	
02/16/2010			

**Construction Information**

Surface Elevation (ft): 4678.58  
 Well Depth (ft): 38.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 04/06/1962    End Date: 03/19/2019  
 Number of Measurements: 69





**GROUNDWATER DETAILS**

**Well Name:** KB-02  
**Permit Number:** 8425-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00105906CCD  
**USGS Site ID:** 400426104020401  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
77 S	683 W	SE	SW	SW	6	1.0 N	59.0 W	S	582279.7	4436382.1	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

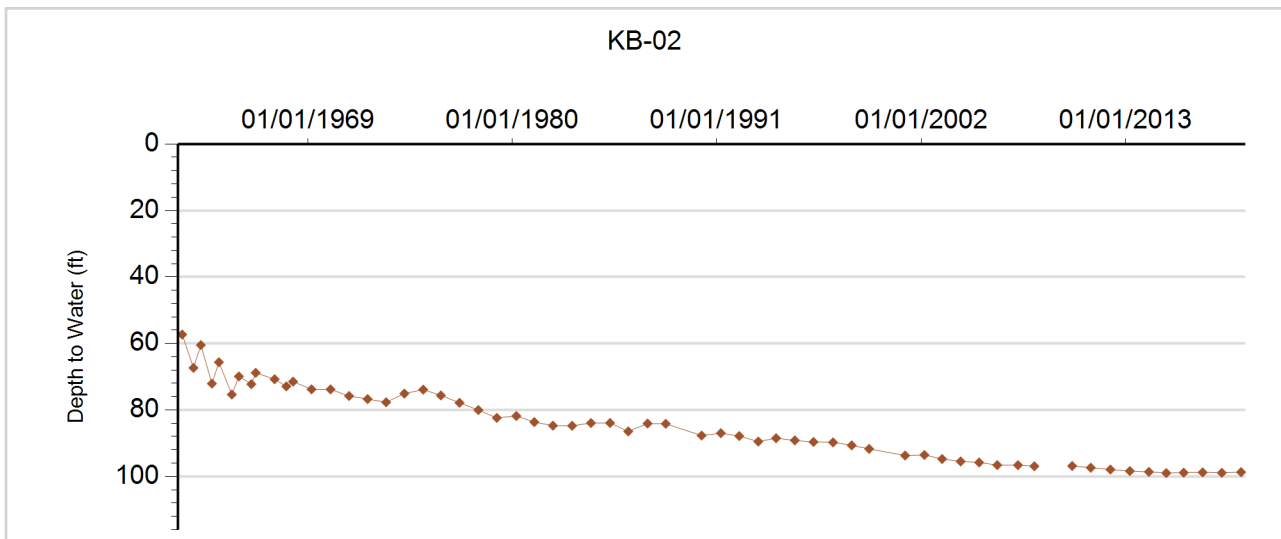
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	98.70	4593.89	0.21
03/06/2018	98.91	4593.68	-0.14
02/23/2017	98.77	4593.82	0.09
02/17/2016	98.86	4593.73	0.12
03/11/2015	98.98	4593.61	-0.36
04/04/2014	98.62	4593.97	-0.24
03/26/2013	98.38	4594.21	-0.46
03/09/2012	97.92	4594.67	-0.55
02/17/2011	97.37	4595.22	-0.53
02/16/2010	96.84	4595.75	

**Construction Information**

Surface Elevation (ft): 4692.59  
 Well Depth (ft): 116.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 04/02/1962    End Date: 03/19/2019  
 Number of Measurements: 61





**GROUNDWATER DETAILS**

**Well Name:** KB-03  
**Permit Number:** 8963-FP  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00105918CCC  
**USGS Site ID:** 400246104021101  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
727 S	389 W	SW	SW	SW	18	1.0 N	59.0 W	S	582225.7	4433371.9	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

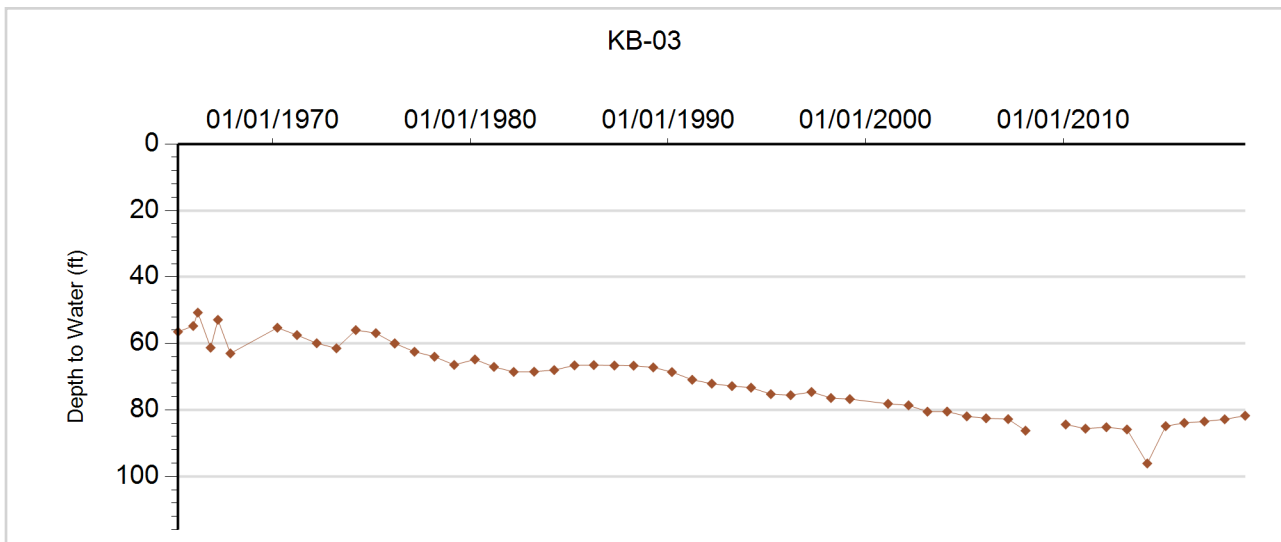
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	81.74	4629.86	1.07
03/06/2018	82.81	4628.79	0.65
02/23/2017	83.46	4628.14	0.44
02/17/2016	83.90	4627.70	0.97
03/11/2015	84.87	4626.73	11.23
04/04/2014	96.10	4615.50	-10.24
03/26/2013	85.86	4625.74	-0.67
03/09/2012	85.19	4626.41	0.43
02/17/2011	85.62	4625.98	-1.25
02/16/2010	84.37	4627.23	

**Construction Information**

Surface Elevation (ft): 4711.60  
 Well Depth (ft): 116.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 03/16/1965    End Date: 03/19/2019  
 Number of Measurements: 56





**GROUNDWATER DETAILS**

**Well Name:** KB-04  
**Permit Number:** 6361-RFP  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00106002DDD  
**USGS Site ID:** 400426104033301  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
78 S	1088 E	SE	SE	SE	2	1.0 N	60.0 W	S	580137.8	4436365.8	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

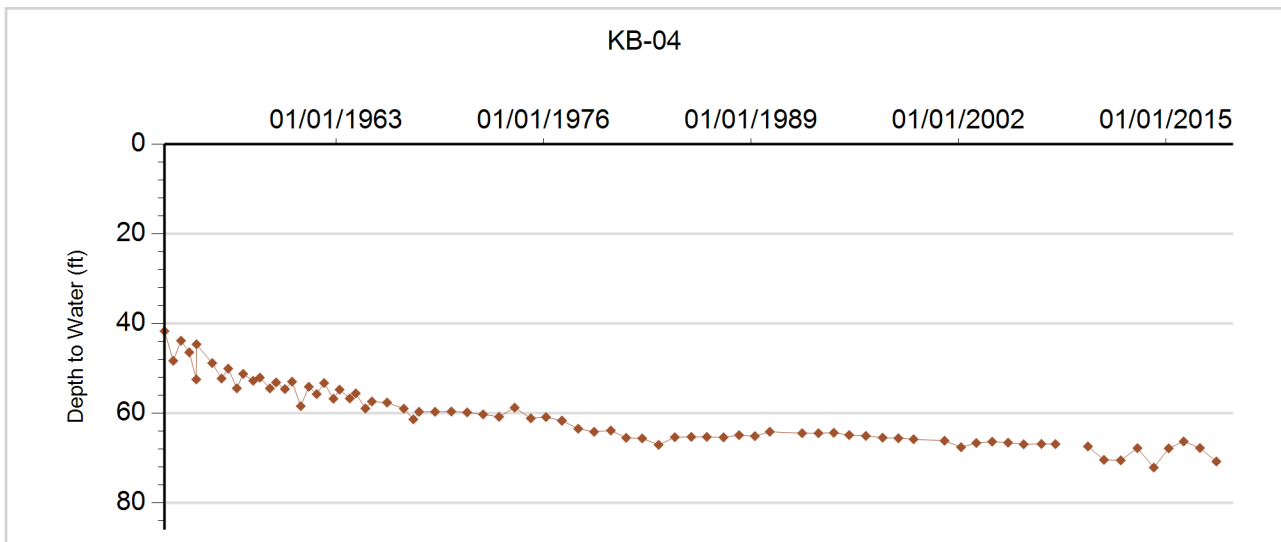
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019			
03/06/2018	70.80	4628.80	-3.01
02/23/2017	67.79	4631.81	-1.45
02/17/2016	66.34	4633.26	1.53
03/11/2015	67.87	4631.73	4.29
04/04/2014	72.16	4627.44	-4.33
03/26/2013	67.83	4631.77	2.72
03/09/2012	70.55	4629.05	-0.11
02/17/2011	70.44	4629.16	-3.00
02/16/2010	67.44	4632.16	

**Construction Information**

Surface Elevation (ft): 4699.60  
 Well Depth (ft): 86.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 04/04/1952    End Date: 03/19/2019  
 Number of Measurements: 81





**GROUNDWATER DETAILS**

**Well Name:** KB-06  
**Permit Number:** 3700-FP  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00106012DCD  
**USGS Site ID:** 400338104023501  
**Applicant/Contact:** HOGAN

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
645 S	3534 W	SE	SW	SE	12	1.0 N	60.0 W	S	581561.8	4434943.9	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

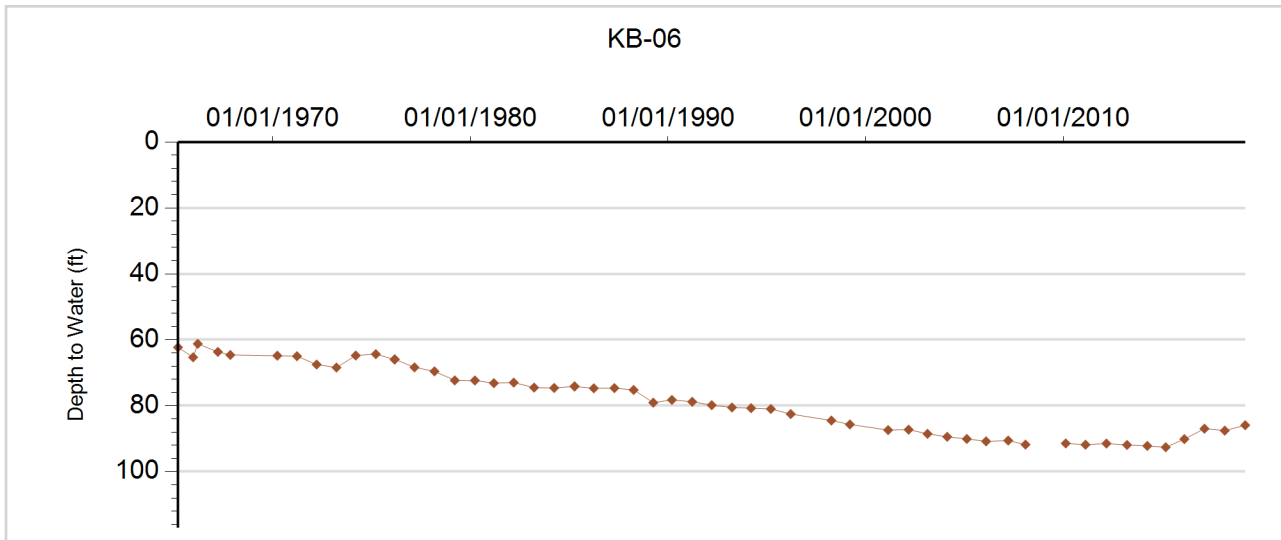
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	85.93	4623.66	1.63
03/06/2018	87.56	4622.03	-0.58
02/23/2017	86.98	4622.61	3.16
02/17/2016	90.14	4619.45	2.47
03/11/2015	92.61	4616.98	-0.41
04/04/2014	92.20	4617.39	-0.29
03/26/2013	91.91	4617.68	-0.42
03/09/2012	91.49	4618.10	0.35
02/17/2011	91.84	4617.75	-0.39
02/16/2010	91.45	4618.14	

**Construction Information**

Surface Elevation (ft): 4709.59  
 Well Depth (ft): 117.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 03/16/1965    End Date: 03/19/2019  
 Number of Measurements: 55







**GROUNDWATER DETAILS**

**Well Name:** KB-07  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00106015ADA  
**USGS Site ID:** 400315104043101  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3547 S	58 E	NE	SE	NE	15	1.0 N	60.0 W	S	578862.8	4434190.9	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

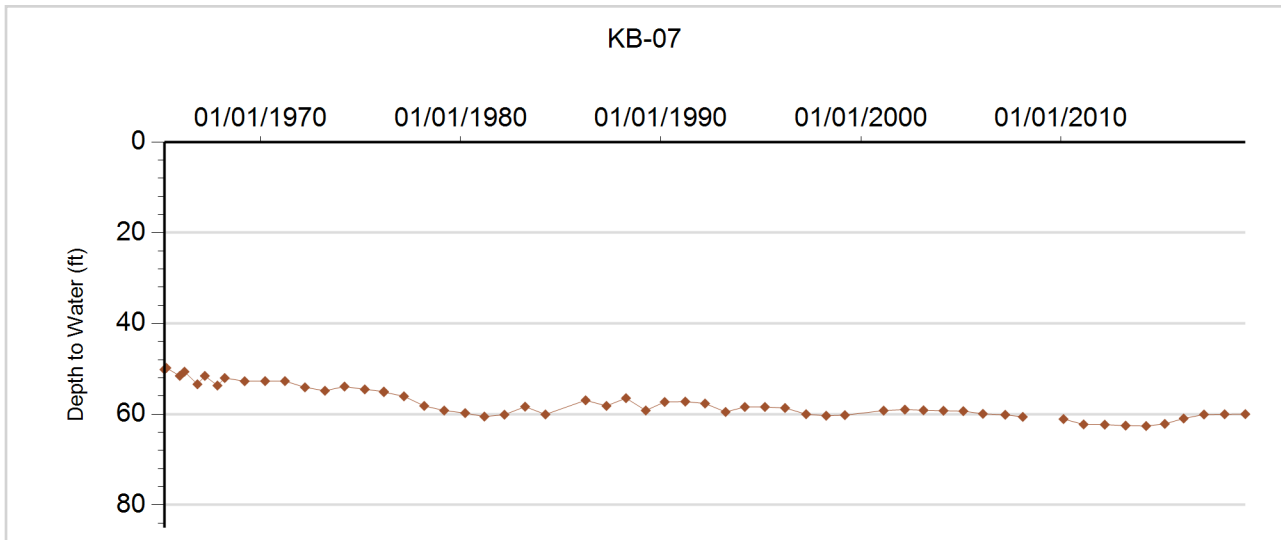
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	59.98	4665.64	0.03
03/06/2018	60.01	4665.61	0.05
02/23/2017	60.06	4665.56	0.88
02/17/2016	60.94	4664.68	1.19
03/11/2015	62.13	4663.49	0.47
04/04/2014	62.60	4663.02	-0.09
03/26/2013	62.51	4663.11	-0.21
03/09/2012	62.30	4663.32	-0.05
02/17/2011	62.25	4663.37	-1.18
02/16/2010	61.07	4664.55	

**Construction Information**

Surface Elevation (ft): 4725.62  
 Well Depth (ft): 85.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 03/16/1965    End Date: 03/19/2019  
 Number of Measurements: 58





**GROUNDWATER DETAILS**

**Well Name:** KB-09, KB-09A  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00106034CCC  
**USGS Site ID:** 400004104053601  
**Applicant/Contact:** KOBABEL

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
306 S	447 W	SW	SW	SW	34	1.0 N	60.0 W	S	577481.8	4428360.9	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

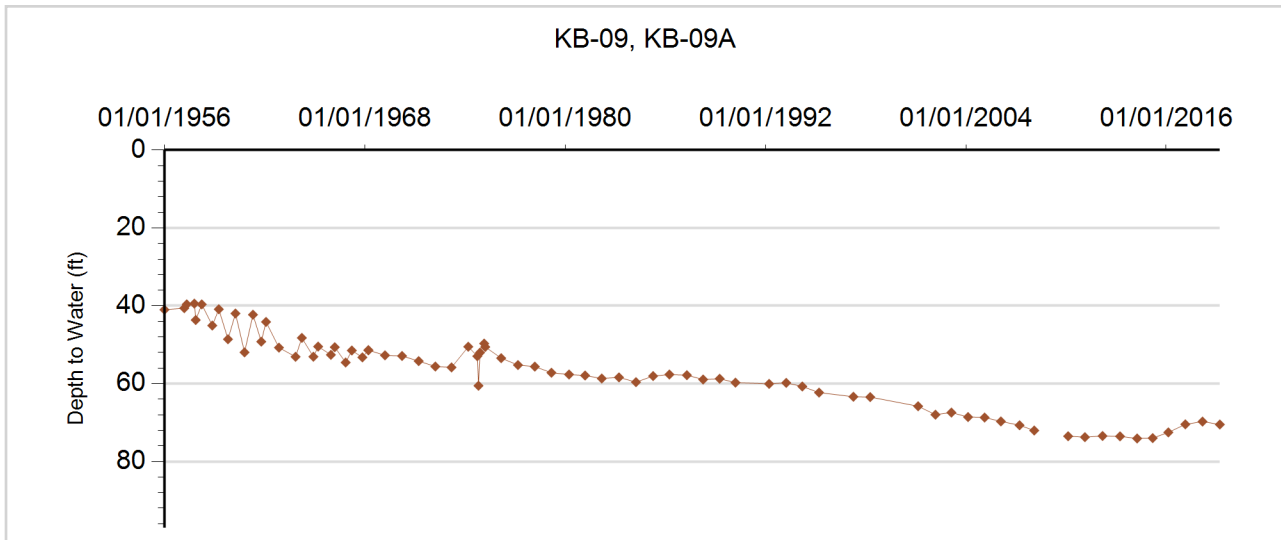
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	70.49	4720.15	-0.75
03/06/2018	69.74	4720.90	0.71
02/23/2017	70.45	4720.19	2.07
02/17/2016	72.52	4718.12	1.47
03/11/2015	73.99	4716.65	0.10
04/04/2014	74.09	4716.55	-0.55
03/26/2013	73.54	4717.10	-0.09
03/09/2012	73.45	4717.19	0.30
02/17/2011	73.75	4716.89	-0.24
02/16/2010	73.51	4717.13	

**Construction Information**

Surface Elevation (ft): 4790.64  
 Well Depth (ft): 97.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 01/01/1956    End Date: 03/19/2019  
 Number of Measurements: 77





**GROUNDWATER DETAILS**

**Well Name:** KB-10  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00106105DCC  
**USGS Site ID:** 400425104140301  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
107 S	2713 E	SW	SE	SW	5	1.0 N	61.0 W	S	565211.1	4436181.9	GPS

Division: 1                  District: 1  
 County: WELD  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

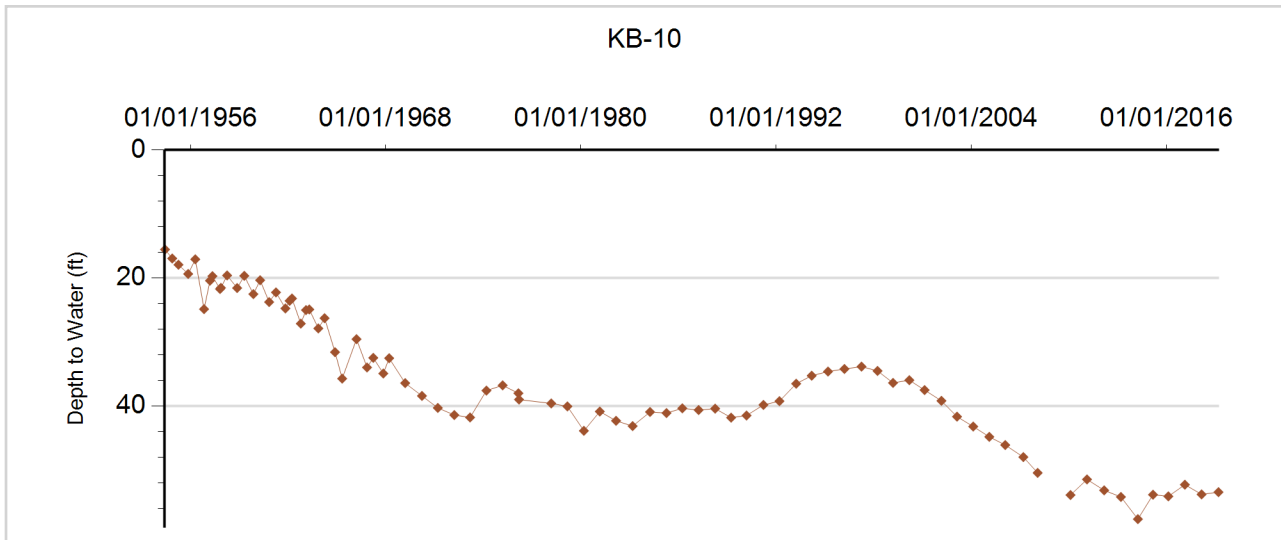
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	53.45	4724.24	0.35
03/06/2018	53.80	4723.89	-1.51
02/23/2017	52.29	4725.40	1.82
02/17/2016	54.11	4723.58	-0.26
03/10/2015	53.85	4723.84	3.82
04/04/2014	57.67	4720.02	-3.47
03/20/2013	54.20	4723.49	-1.03
03/08/2012	53.17	4724.52	-1.71
02/17/2011	51.46	4726.23	2.44
02/10/2010	53.90	4723.79	

**Construction Information**

Surface Elevation (ft): 4777.69  
 Well Depth (ft): 59.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 06/09/1954    End Date: 03/19/2019  
 Number of Measurements: 83





**GROUNDWATER DETAILS**

**Well Name:** KB-11  
**Permit Number:** 4874-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00106213ADD  
**USGS Site ID:** 400306104154701  
**Applicant/Contact:** J&J COOKSEY FARMS

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2706 S	12 E	SE	SE	NE	13	1.0 N	62.0 W	S	562834.1	4433747.9	GPS

Division: 1                  District: 1  
 County: WELD  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

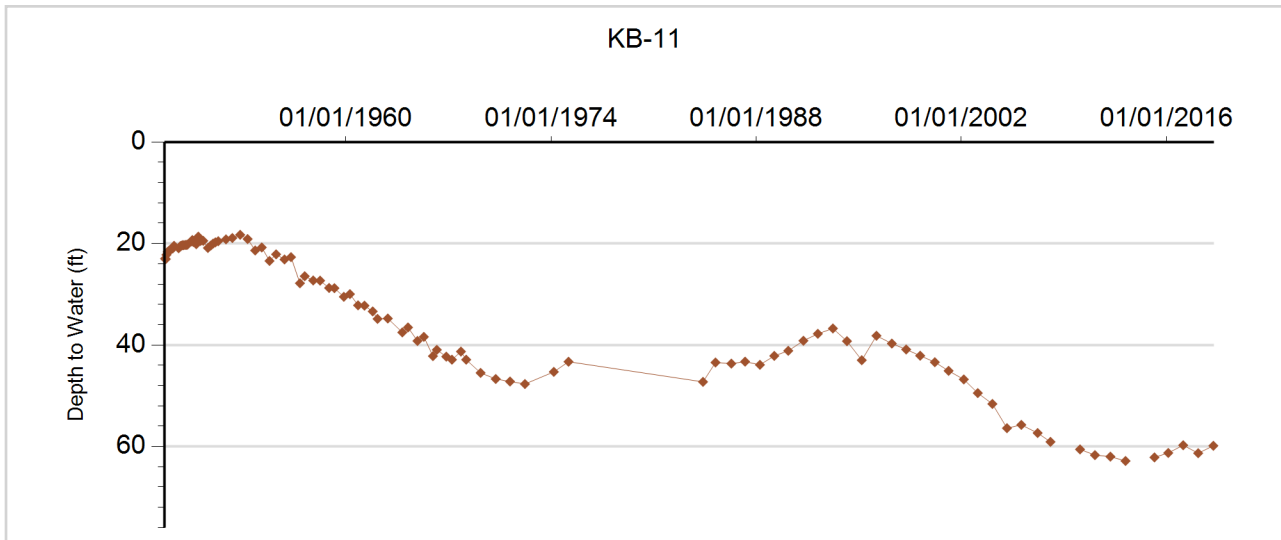
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	59.87	4763.84	1.46
03/06/2018	61.33	4762.38	-1.57
02/23/2017	59.76	4763.95	1.52
02/17/2016	61.28	4762.43	0.88
03/10/2015	62.16	4761.55	
04/04/2014			
03/20/2013	62.86	4760.85	-0.85
03/08/2012	62.01	4761.70	-0.30
02/17/2011	61.71	4762.00	-1.13
02/10/2010	60.58	4763.13	

**Construction Information**

Surface Elevation (ft): 4823.71  
 Well Depth (ft): 76.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 09/01/1947    End Date: 03/19/2019  
 Number of Measurements: 103





**GROUNDWATER DETAILS**

**Well Name:** KB-12  
**Permit Number:** 4587-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00205920CDC  
**USGS Site ID:** 400702104004001  
**Applicant/Contact:** JACKIE RICHARDSON

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
61 S	3388 E	SW	SE	SW	20	2.0 N	59.0 W	S	584221.6	4441223.5	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

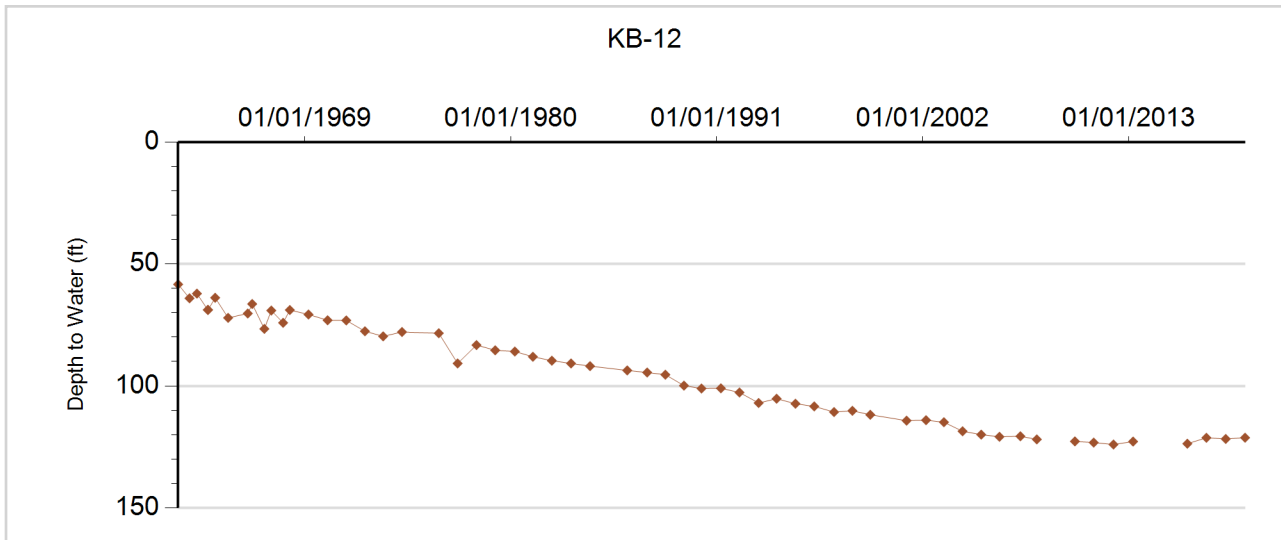
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	121.22	4523.34	0.52
03/06/2018	121.74	4522.82	-0.48
02/23/2017	121.26	4523.30	2.43
02/17/2016	123.69	4520.87	
03/10/2015			
04/04/2014			
03/26/2013	122.80	4521.76	1.21
03/09/2012	124.01	4520.55	-0.79
02/17/2011	123.22	4521.34	-0.49
02/16/2010	122.73	4521.83	

**Construction Information**

Surface Elevation (ft): 4644.56  
 Well Depth (ft): 150.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 04/02/1962    End Date: 03/19/2019  
 Number of Measurements: 61





**GROUNDWATER DETAILS**

**Well Name:** KB-13  
**Permit Number:** 6987-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00205930CCC  
**USGS Site ID:** 400609104020701  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
82 S	513 W	SW	SW	SW	30	2.0 N	59.0 W	S	582194.4	4439600.8	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

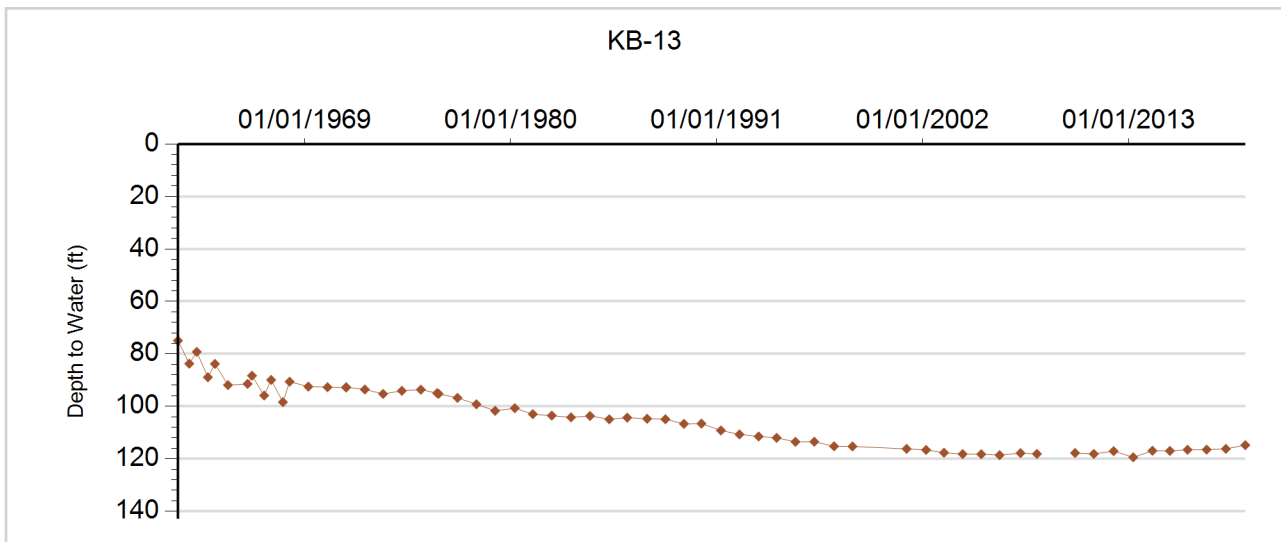
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	114.82	4545.75	1.42
03/06/2018	116.24	4544.33	0.28
02/23/2017	116.52	4544.05	0.05
02/17/2016	116.57	4544.00	0.44
03/11/2015	117.01	4543.56	-0.06
04/04/2014	116.95	4543.62	2.49
03/26/2013	119.44	4541.13	-2.33
03/09/2012	117.11	4543.46	1.05
02/17/2011	118.16	4542.41	-0.35
02/16/2010	117.81	4542.76	

**Construction Information**

Surface Elevation (ft): 4660.57  
 Well Depth (ft): 143.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 04/02/1962    End Date: 03/19/2019  
 Number of Measurements: 63





**GROUNDWATER DETAILS**

**Well Name:** KB-14  
**Permit Number:** 2857-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00205932CCC  
**USGS Site ID:** 400518104005801  
**Applicant/Contact:** GLEN FRIHAUF

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
165 S	517 W	SW	SW	SW	32	2.0 N	59.0 W	S	583834.9	4438032.9	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

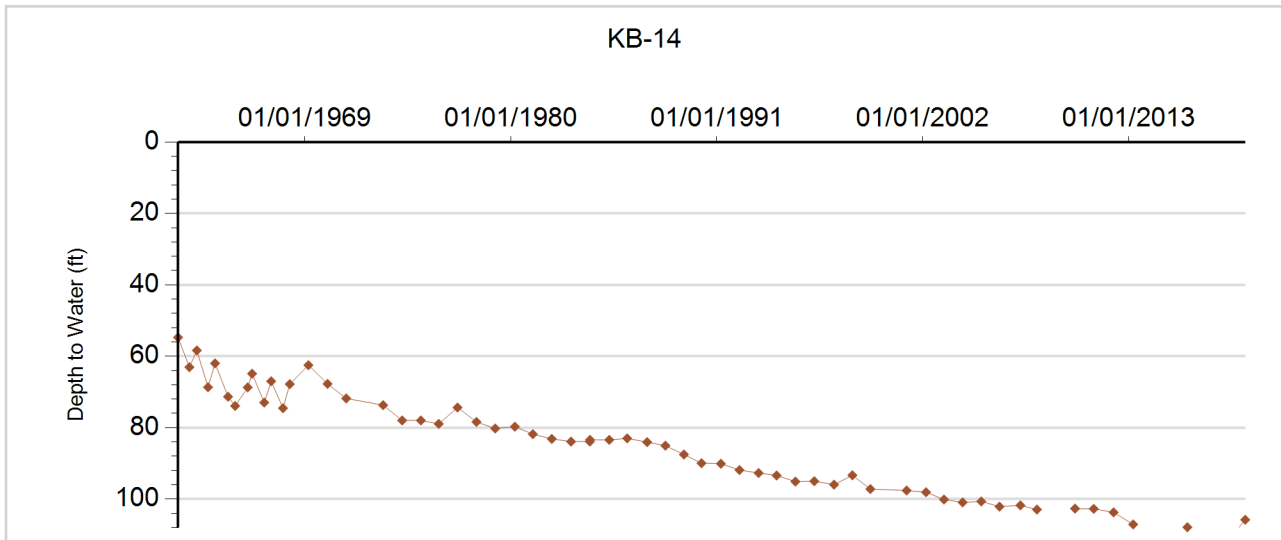
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	105.79	4568.78	6.68
03/06/2018	112.47	4562.10	-2.89
02/23/2017	109.58	4564.99	-1.69
02/17/2016	107.89	4566.68	6.46
03/11/2015	114.35	4560.22	-0.08
04/04/2014	114.27	4560.30	-7.17
03/26/2013	107.10	4567.47	-3.38
03/09/2012	103.72	4570.85	-0.99
02/17/2011	102.73	4571.84	-0.06
02/16/2010	102.67	4571.90	

**Construction Information**

Surface Elevation (ft): 4674.57  
 Well Depth (ft): 108.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 04/02/1962    End Date: 03/19/2019  
 Number of Measurements: 63





**GROUNDWATER DETAILS**

**Well Name:** KB-15  
**Permit Number:** 10491-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00206001DCC  
**USGS Site ID:** 400938104024301  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
104 S	3000 W	SW	SW	SE	1	2.0 N	60.0 W	S	581277.8	4446024.9	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

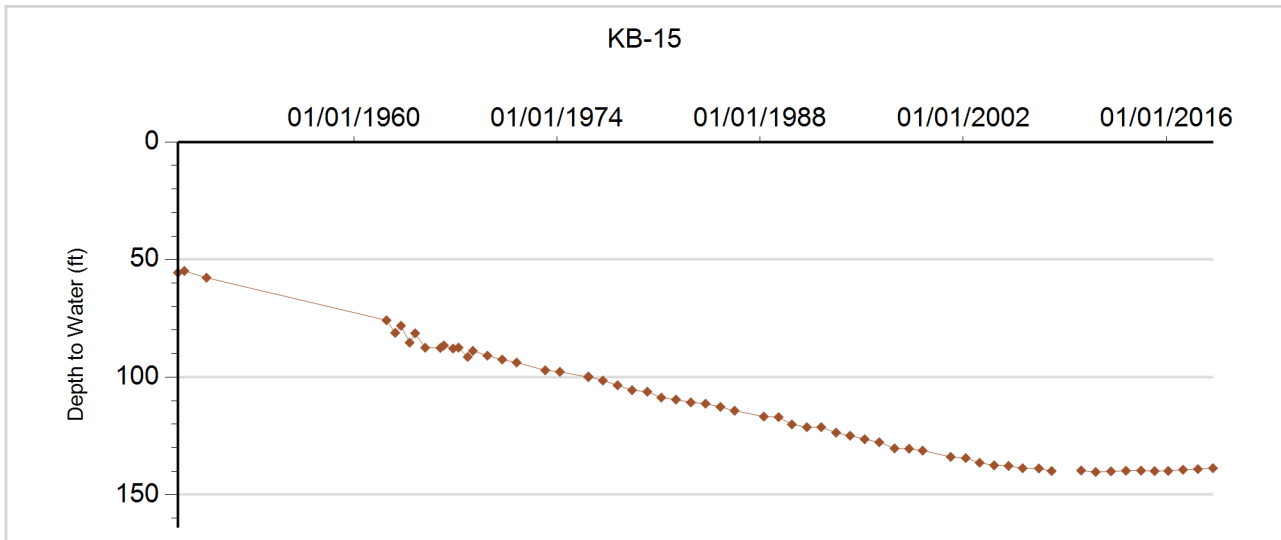
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	138.70	4474.85	0.42
03/06/2018	139.12	4474.43	0.25
02/23/2017	139.37	4474.18	0.51
02/17/2016	139.88	4473.67	0.07
03/10/2015	139.95	4473.60	-0.19
04/04/2014	139.76	4473.79	0.06
03/20/2013	139.82	4473.73	0.23
03/09/2012	140.05	4473.50	0.28
02/17/2011	140.33	4473.22	-0.62
02/16/2010	139.71	4473.84	

**Construction Information**

Surface Elevation (ft): 4613.55  
 Well Depth (ft): 164.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 11/18/1947    End Date: 03/19/2019  
 Number of Measurements: 63







**GROUNDWATER DETAILS**

**Well Name:** KB-16  
**Permit Number:** 8309-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00206111CCC  
**USGS Site ID:** 400845104111101  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
8 S	239 W	SW	SW	SW	11	2.0 N	61.0 W	S	569265.1	4444220.9	GPS

Division: 1                  District: 1  
 County: WELD  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

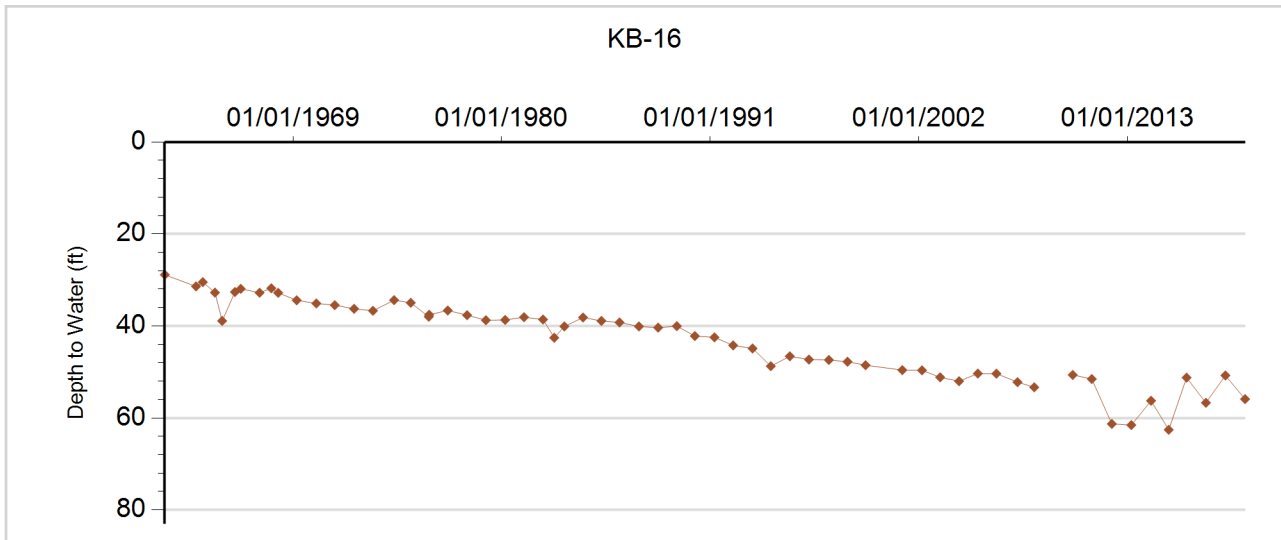
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	55.91	4616.72	-5.14
03/06/2018	50.77	4621.86	5.94
02/23/2017	56.71	4615.92	-5.47
02/17/2016	51.24	4621.39	11.34
03/10/2015	62.58	4610.05	-6.31
04/04/2014	56.27	4616.36	5.28
03/20/2013	61.55	4611.08	-0.25
03/09/2012	61.30	4611.33	-9.76
02/17/2011	51.54	4621.09	-0.89
02/16/2010	50.65	4621.98	

**Construction Information**

Surface Elevation (ft): 4672.63  
 Well Depth (ft): 83.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 03/30/1962    End Date: 03/19/2019  
 Number of Measurements: 62





**GROUNDWATER DETAILS**

**Well Name:** KB-18  
**Permit Number:** 4422-RFP  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00306022CCC  
**USGS Site ID:** 401214104053401  
**Applicant/Contact:** CSU WP#5

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
77 S	63 W	SW	SW	SW	22	3.0 N	60.0 W	S	577156.9	4450787.9	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

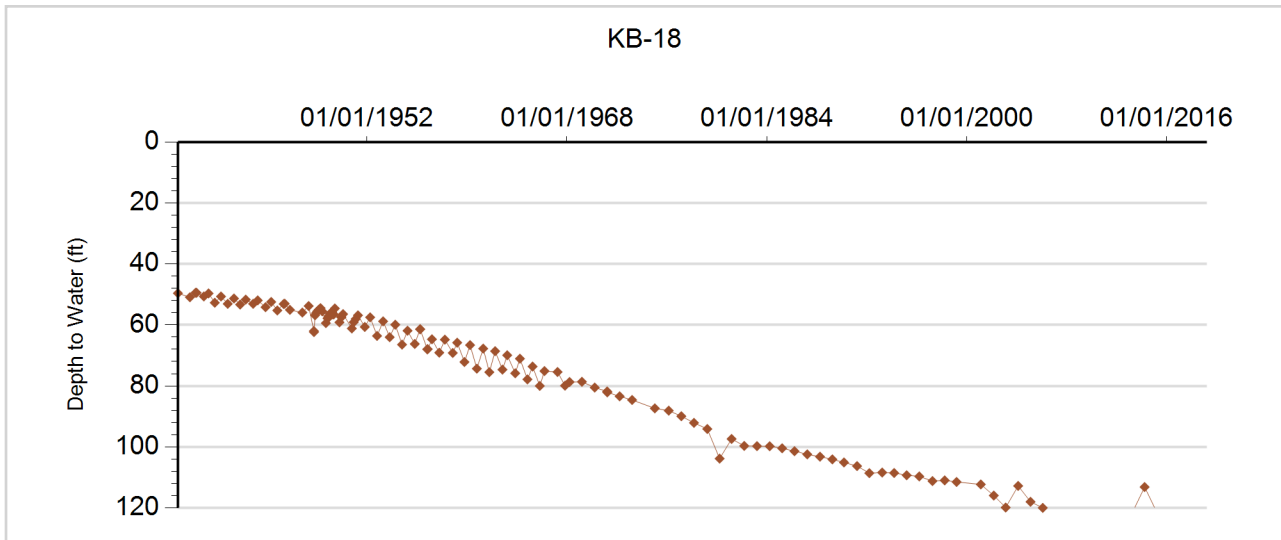
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019			
03/06/2018			
02/23/2017			
02/17/2016			
03/10/2015	121.08	4449.46	-7.93
04/04/2014	113.15	4457.39	8.81
03/20/2013	121.96	4448.58	2.94
03/09/2012	124.90	4445.64	1.43
02/17/2011	126.33	4444.21	14.15
02/16/2010	140.48	4430.06	

**Construction Information**

Surface Elevation (ft): 4570.54  
 Well Depth (ft): 120.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 11/11/1936    End Date: 03/19/2019  
 Number of Measurements: 134





**GROUNDWATER DETAILS**

**Well Name:** KB-19  
**Permit Number:** 12272-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00306032CAB  
**USGS Site ID:** 401055104073401  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2731 N	1279 W	NW	NW	SW	32	3.0 N	60.0 W	S	574328.0	4448293.9	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

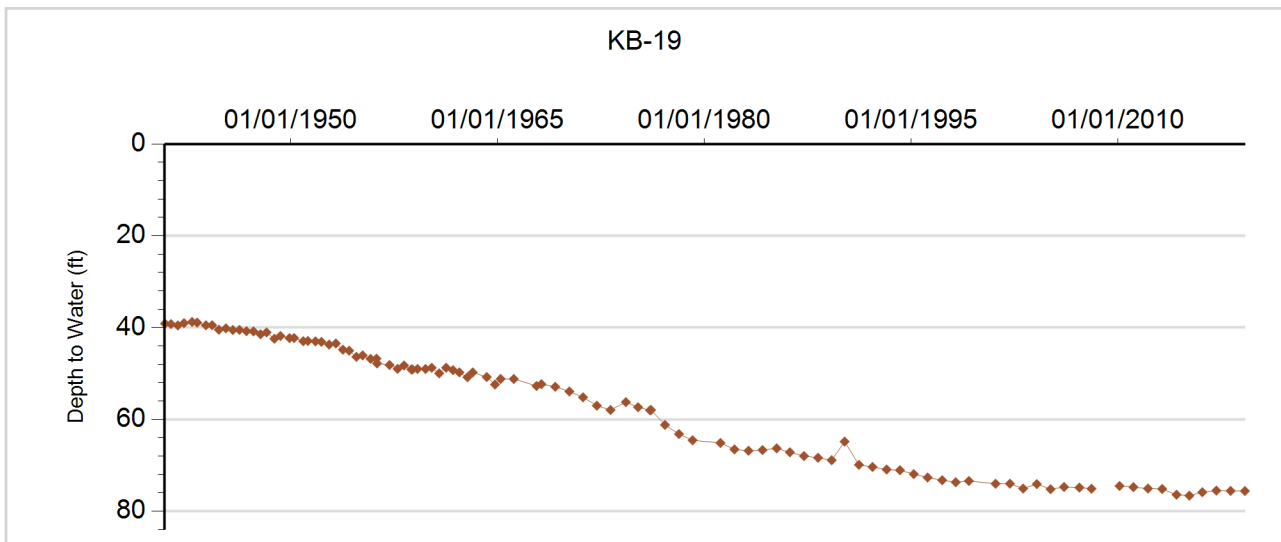
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	75.59	4524.98	-0.03
03/06/2018	75.56	4525.01	-0.07
02/23/2017	75.49	4525.08	0.36
02/17/2016	75.85	4524.72	0.75
03/10/2015	76.60	4523.97	-0.21
04/04/2014	76.39	4524.18	-1.25
03/20/2013	75.14	4525.43	-0.09
03/09/2012	75.05	4525.52	-0.32
02/17/2011	74.73	4525.84	-0.24
02/16/2010	74.49	4526.08	

**Construction Information**

Surface Elevation (ft): 4600.57  
 Well Depth (ft): 84.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 11/29/1940    End Date: 03/19/2019  
 Number of Measurements: 103





**GROUNDWATER DETAILS**

**Well Name:** KB-21  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00106003CCB  
**USGS Site ID:** 395918104054001  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
4125 N	66 E	NW	NE	SE	4	1.0 S	60.0 W	S	577206.0	4427007.0	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

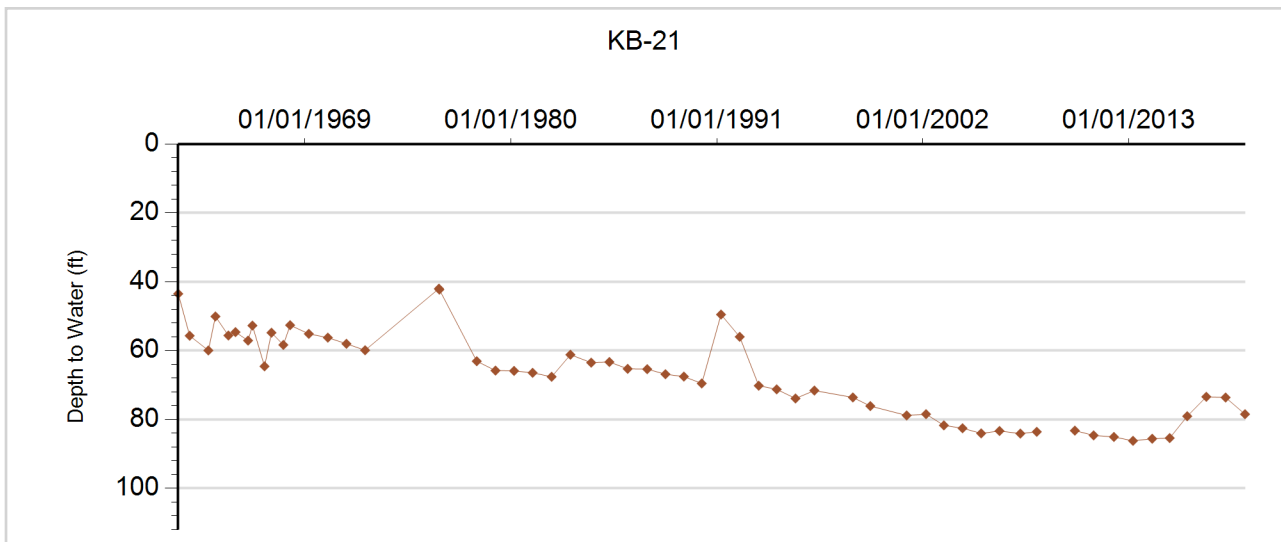
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	78.47	4725.17	-4.84
03/06/2018	73.63	4730.01	-0.21
02/23/2017	73.42	4730.22	5.63
02/17/2016	79.05	4724.59	6.35
03/11/2015	85.40	4718.24	0.20
04/04/2014	85.60	4718.04	0.61
03/26/2013	86.21	4717.43	-1.13
03/19/2012	85.08	4718.56	-0.46
02/17/2011	84.62	4719.02	-1.38
02/16/2010	83.24	4720.40	

**Construction Information**

Surface Elevation (ft): 4803.64  
 Well Depth (ft): 112.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 03/30/1962    End Date: 03/19/2019  
 Number of Measurements: 58





**GROUNDWATER DETAILS**

**Well Name:** KB-22  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00106017CDD  
**USGS Site ID:** 395727104071701  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
226 S	3071 E	SE	SE	SW	17	1.0 S	60.0 W	S	574793.7	4423419.7	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

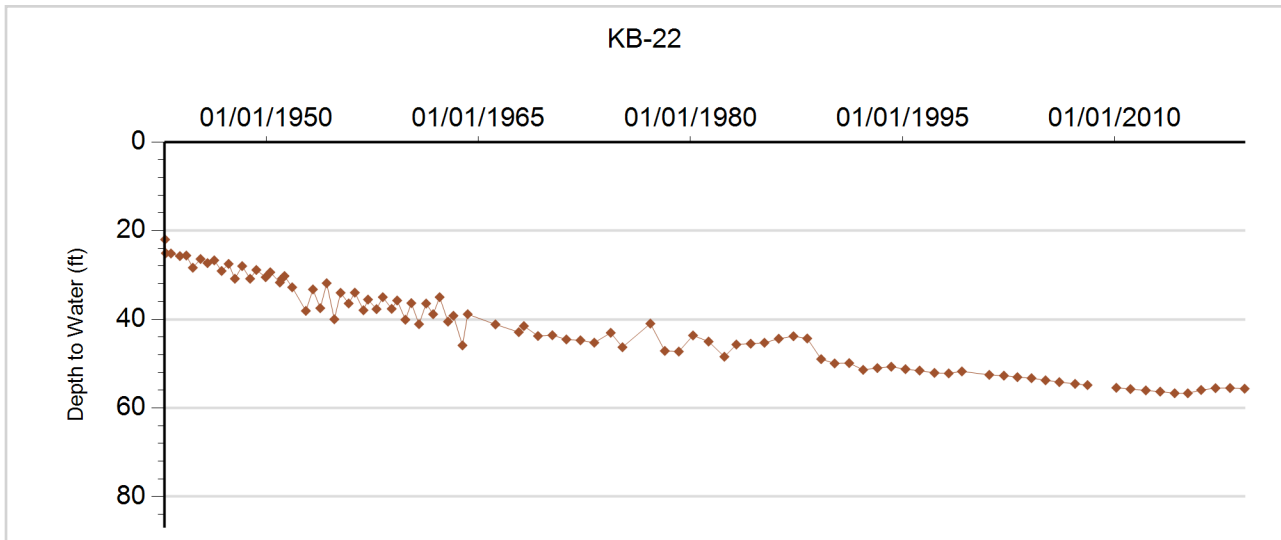
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	55.66	4777.99	-0.16
03/06/2018	55.50	4778.15	0.03
02/23/2017	55.53	4778.12	0.42
02/17/2016	55.95	4777.70	0.74
03/11/2015	56.69	4776.96	-0.01
04/04/2014	56.68	4776.97	-0.36
03/26/2013	56.32	4777.33	-0.28
03/19/2012	56.04	4777.61	-0.30
02/17/2011	55.74	4777.91	-0.29
02/16/2010	55.45	4778.20	

**Construction Information**

Surface Elevation (ft): 4833.65  
 Well Depth (ft): 87.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 11/01/1942    End Date: 03/19/2019  
 Number of Measurements: 97





**GROUNDWATER DETAILS**

**Well Name:** KB-23  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00106202CDC  
**USGS Site ID:** 395908104174601  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
46 S	907 W	SW	SW	SW	2	1.0 S	62.0 W	S	559868.0	4426358.8	GPS

Division: 1      District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

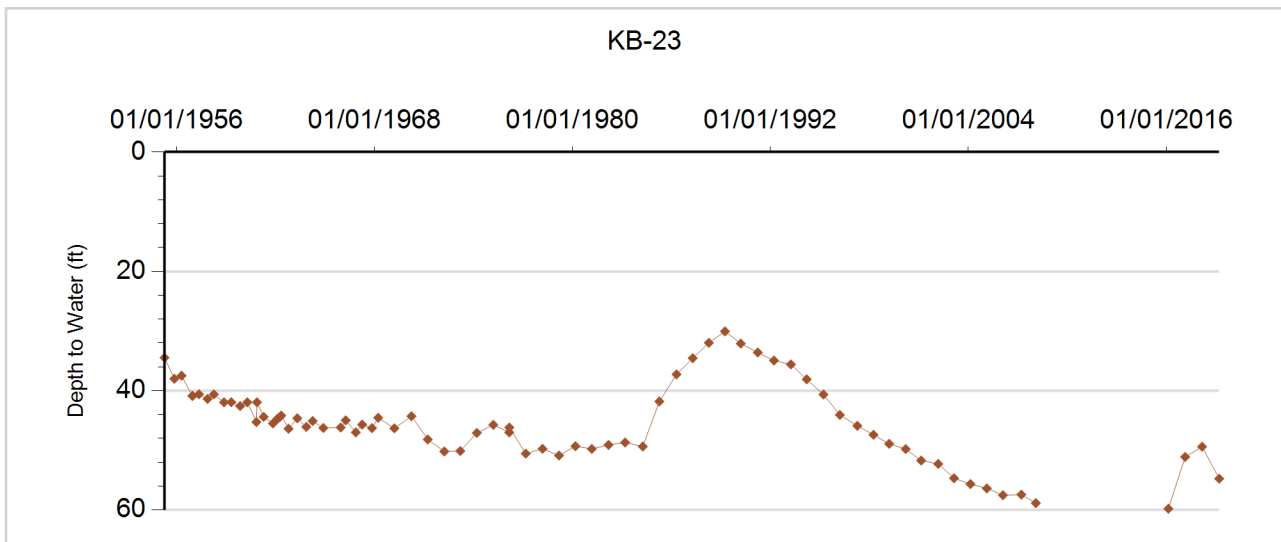
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	54.77	4878.98	-5.37
03/06/2018	49.40	4884.35	1.72
02/23/2017	51.12	4882.63	8.68
02/17/2016	59.80	4873.95	12.74
03/10/2015	72.54	4861.21	0.12
04/04/2014	72.66	4861.09	-3.22
03/20/2013	69.44	4864.31	-0.60
03/08/2012	68.84	4864.91	-7.61
02/17/2011	61.23	4872.52	1.01
02/10/2010	62.24	4871.51	

**Construction Information**

Surface Elevation (ft): 4933.75  
 Well Depth (ft): 60.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 04/06/1955    End Date: 03/19/2019  
 Number of Measurements: 82





**GROUNDWATER DETAILS**

**Well Name:** KB-24  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00106222DCA  
**USGS Site ID:** 395643104183301  
**Applicant/Contact:** RICK KALLSEN

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3671 N	1161 E	NE	NE	SE	22	1.0 S	62.0 W	S	559345.9	4421993.7	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

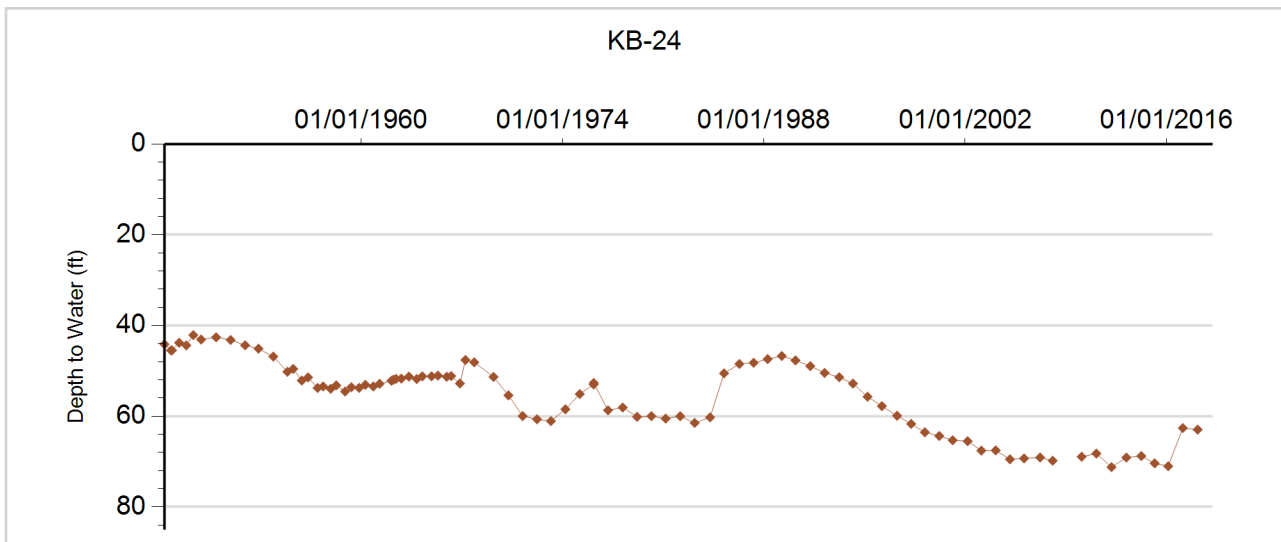
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019			
03/06/2018	62.95	4933.81	-0.34
02/23/2017	62.61	4934.15	8.41
02/17/2016	71.02	4925.74	-0.64
03/10/2015	70.38	4926.38	-1.60
04/04/2014	68.78	4927.98	0.33
03/20/2013	69.11	4927.65	2.11
03/08/2012	71.22	4925.54	-2.99
02/17/2011	68.23	4928.53	0.70
02/10/2010	68.93	4927.83	

**Construction Information**

Surface Elevation (ft): 4996.76  
 Well Depth (ft): 85.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 04/24/1946    End Date: 03/19/2019  
 Number of Measurements: 92





**GROUNDWATER DETAILS**

**Well Name:** KB-25A  
**Permit Number:** 985-R-R  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00206019DCC  
**USGS Site ID:**  
**Applicant/Contact:** RICK WAGNER

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
876 S	5 W	SW	SW	SW	19	2.0 S	60.0 W	S	572658.5	4412319.4	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

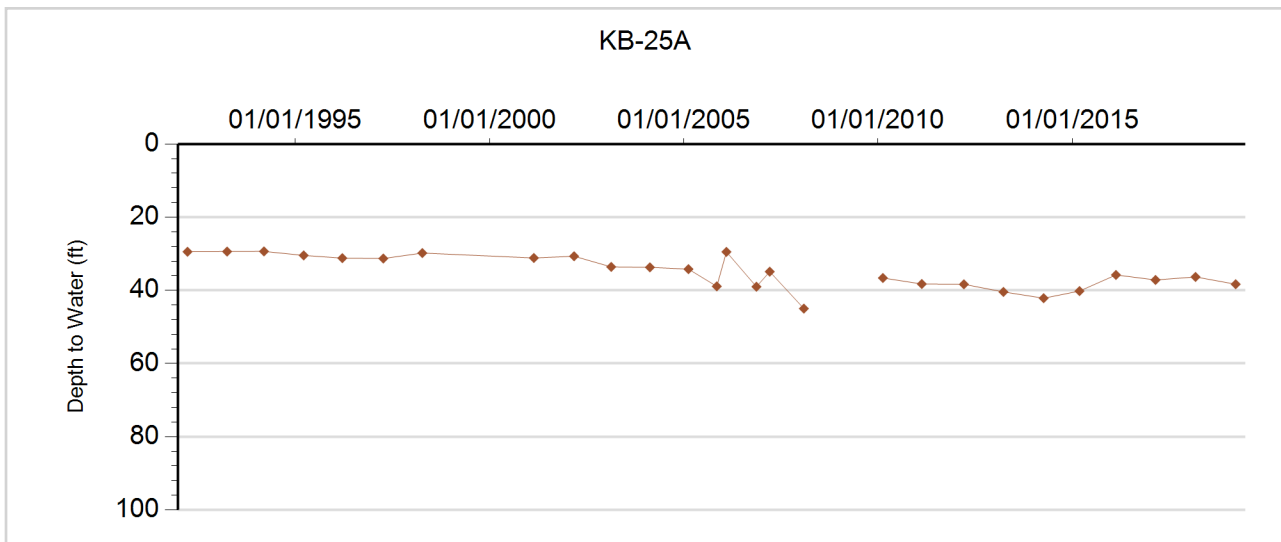
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	38.32	4914.68	-1.99
03/06/2018	36.33	4916.67	0.82
02/23/2017	37.15	4915.85	-1.36
02/17/2016	35.79	4917.21	4.41
03/11/2015	40.20	4912.80	1.94
04/08/2014	42.14	4910.86	-1.71
03/26/2013	40.43	4912.57	-2.08
03/19/2012	38.35	4914.65	-0.09
02/17/2011	38.26	4914.74	-1.64
02/16/2010	36.62	4916.38	

**Construction Information**

Surface Elevation (ft): 4953.00  
 Well Depth (ft): 100.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 03/23/1992    End Date: 03/19/2019  
 Number of Measurements: 28







**GROUNDWATER DETAILS**

**Well Name:** KB-26  
**Permit Number:** 19621-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00206006CCC  
**USGS Site ID:** 395357104085401  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
113 S	426 W	SW	SW	SW	6	2.0 S	60.0 W	S	572799.6	4416919.5	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

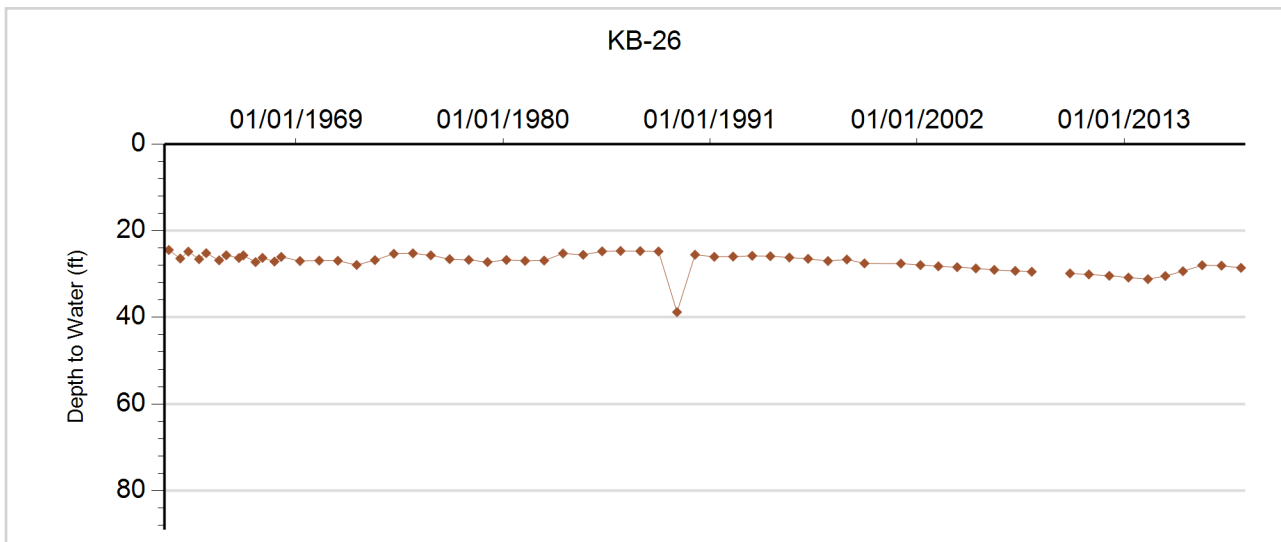
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	28.58	4882.08	-0.50
03/06/2018	28.08	4882.58	-0.10
02/23/2017	27.98	4882.68	1.38
02/17/2016	29.36	4881.30	1.11
03/11/2015	30.47	4880.19	0.72
04/08/2014	31.19	4879.47	-0.36
03/26/2013	30.83	4879.83	-0.42
03/19/2012	30.41	4880.25	-0.31
02/17/2011	30.10	4880.56	-0.23
02/16/2010	29.87	4880.79	

**Construction Information**

Surface Elevation (ft): 4910.66  
 Well Depth (ft): 89.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 03/30/1962    End Date: 03/19/2019  
 Number of Measurements: 63





**GROUNDWATER DETAILS**

**Well Name:** KB-27  
**Permit Number:** 11549-F  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00206123CCD  
**USGS Site ID:** 395119104105901  
**Applicant/Contact:** RICK WAGNER

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
111 S	1194 W	SE	SW	SW	23	2.0 S	61.0 W	S	569795.5	4412033.4	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

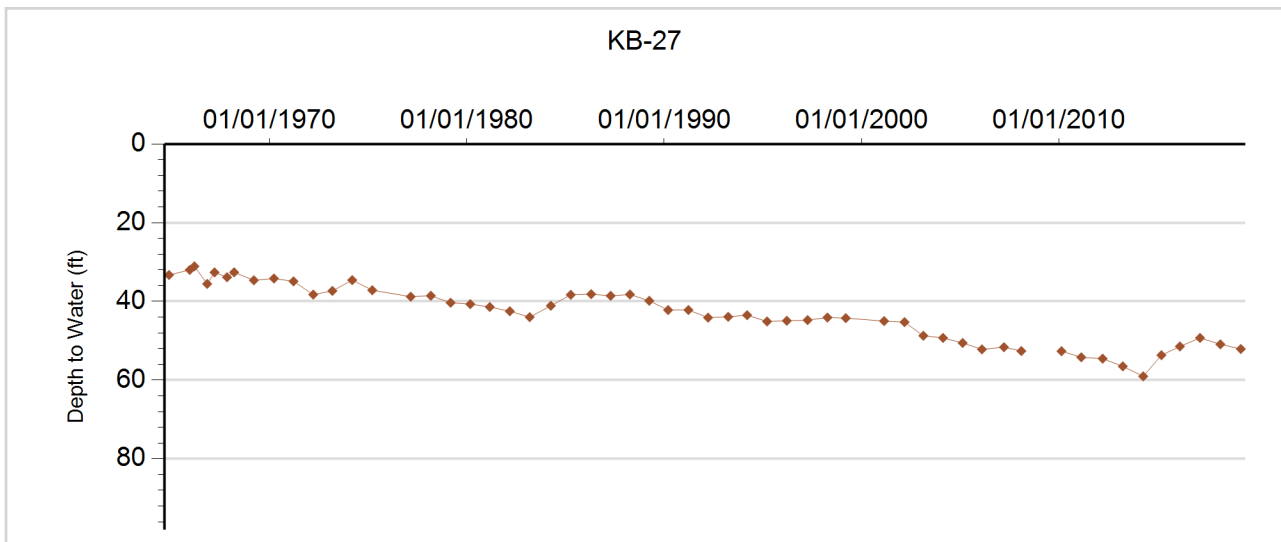
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	52.09	4926.59	-1.19
03/06/2018	50.90	4927.78	-1.62
02/23/2017	49.28	4929.40	2.16
02/17/2016	51.44	4927.24	2.22
03/11/2015	53.66	4925.02	5.38
04/08/2014	59.04	4919.64	-2.54
03/26/2013	56.50	4922.18	-1.95
03/19/2012	54.55	4924.13	-0.35
02/17/2011	54.20	4924.48	-1.55
02/16/2010	52.65	4926.03	

**Construction Information**

Surface Elevation (ft): 4978.68  
 Well Depth (ft): 98.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 12/01/1964    End Date: 03/19/2019  
 Number of Measurements: 56





**GROUNDWATER DETAILS**

**Well Name:** KB-29  
**Permit Number:** 19793-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00206336DAD  
**USGS Site ID:** 394944104223501  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3925 N	62 E	SE	NE	SE	36	2.0 S	63.0 W	S	553345.6	4408968.6	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

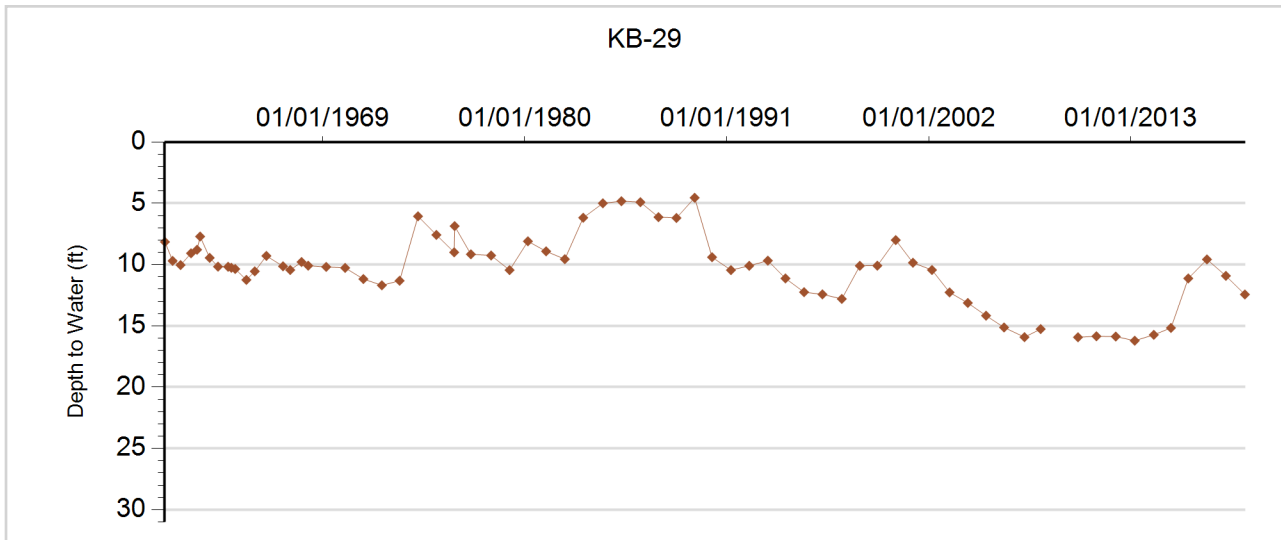
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	12.44	5255.42	-1.52
03/06/2018	10.92	5256.94	-1.34
02/23/2017	9.58	5258.28	1.55
02/17/2016	11.13	5256.73	4.04
03/10/2015	15.17	5252.69	0.56
04/03/2014	15.73	5252.13	0.48
03/20/2013	16.21	5251.65	-0.34
03/08/2012	15.87	5251.99	-0.02
02/17/2011	15.85	5252.01	0.08
02/16/2010	15.93	5251.93	

**Construction Information**

Surface Elevation (ft): 5267.86  
 Well Depth (ft): 31.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 06/02/1960    End Date: 03/19/2019  
 Number of Measurements: 70





**GROUNDWATER DETAILS**

**Well Name:** KB-30  
**Permit Number:** 4425-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00306102CCB  
**USGS Site ID:** 394850104111801  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
631 S	101 W	NW	SW	SW	2	3.0 S	61.0 W	S	569444.4	4407361.3	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

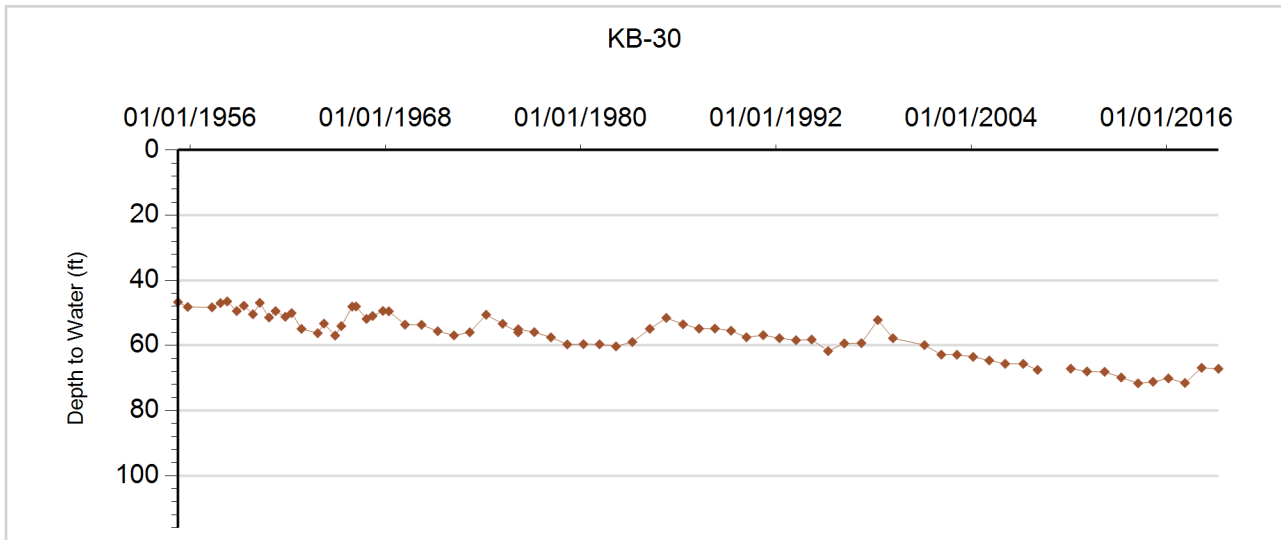
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	67.18	4968.50	-0.29
03/06/2018	66.89	4968.79	4.64
02/23/2017	71.53	4964.15	-1.39
02/18/2016	70.14	4965.54	1.04
03/11/2015	71.18	4964.50	0.47
04/08/2014	71.65	4964.03	-1.79
03/26/2013	69.86	4965.82	-1.76
03/19/2012	68.10	4967.58	-0.10
02/17/2011	68.00	4967.68	-0.85
02/16/2010	67.15	4968.53	

**Construction Information**

Surface Elevation (ft): 5035.68  
 Well Depth (ft): 116.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 04/06/1955    End Date: 03/19/2019  
 Number of Measurements: 75





**GROUNDWATER DETAILS**

**Well Name:** KB-31  
**Permit Number:** 21037-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00306122DDA  
**USGS Site ID:** 394618104112301  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
1155 S	37 E	NE	SE	SE	22	3.0 S	61.0 W	S	569356.3	4402682.1	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

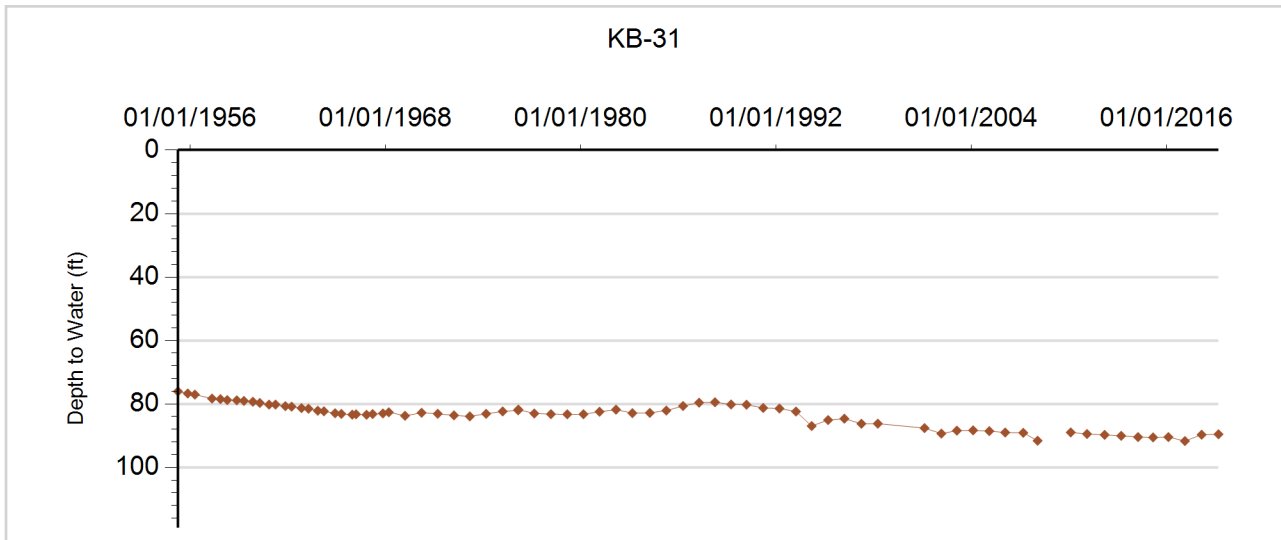
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	89.56	5013.13	0.14
03/06/2018	89.70	5012.99	1.99
02/23/2017	91.69	5011.00	-1.24
02/18/2016	90.45	5012.24	0.10
03/11/2015	90.55	5012.14	-0.10
04/08/2014	90.45	5012.24	-0.40
03/26/2013	90.05	5012.64	-0.30
03/19/2012	89.75	5012.94	-0.28
02/17/2011	89.47	5013.22	-0.49
02/16/2010	88.98	5013.71	

**Construction Information**

Surface Elevation (ft): 5102.69  
 Well Depth (ft): 119.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 04/06/1955    End Date: 03/19/2019  
 Number of Measurements: 76





**GROUNDWATER DETAILS**

**Well Name:** KB-32B  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00306128CBD  
**USGS Site ID:**  
**Applicant/Contact:** COMANCHE LIVESTOCK

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
938 S	1222 W	SE	SW	SW	28	3.0 S	61.0 W	S	566517.4	4400971.1	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

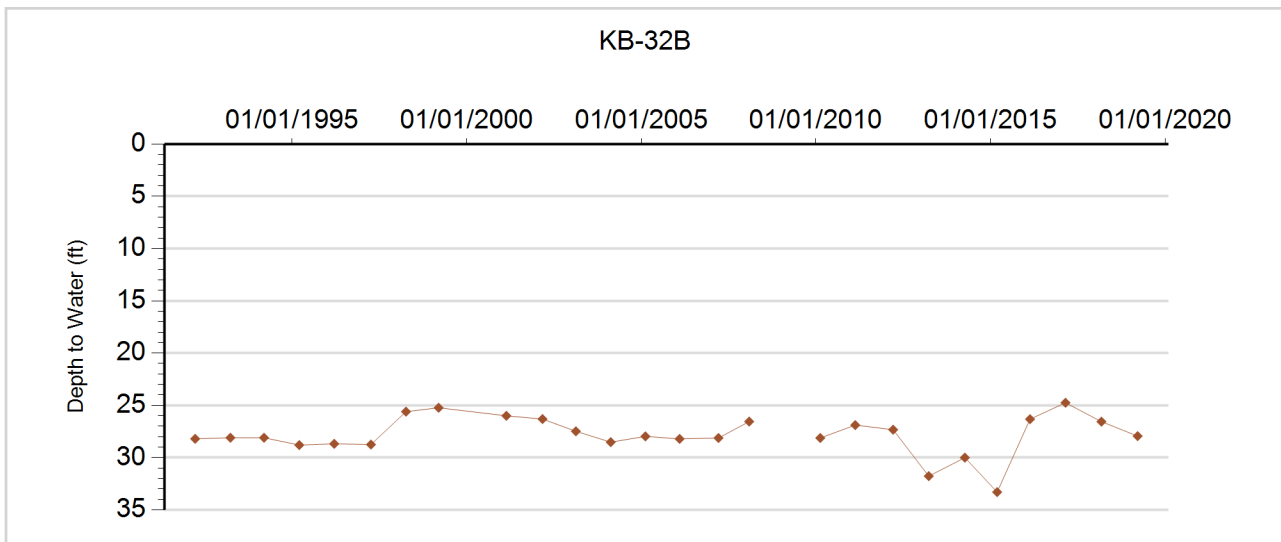
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	27.94	5102.06	-1.38
03/06/2018	26.56	5103.44	-1.81
02/23/2017	24.75	5105.25	1.57
02/18/2016	26.32	5103.68	6.98
03/11/2015	33.30	5096.70	-3.30
04/08/2014	30.00	5100.00	1.77
03/26/2013	31.77	5098.23	-4.44
03/19/2012	27.33	5102.67	-0.44
02/17/2011	26.89	5103.11	1.23
02/16/2010	28.12	5101.88	

**Construction Information**

Surface Elevation (ft): 5130.00  
 Well Depth (ft):  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 03/26/1992    End Date: 03/19/2019  
 Number of Measurements: 27





**GROUNDWATER DETAILS**

**Well Name:** KB-33  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00306208BAA  
**USGS Site ID:** 394833104205801  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
314 N	2994 E	NE	NE	NW	8	3.0 S	62.0 W	S	555613.6	4406849.5	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

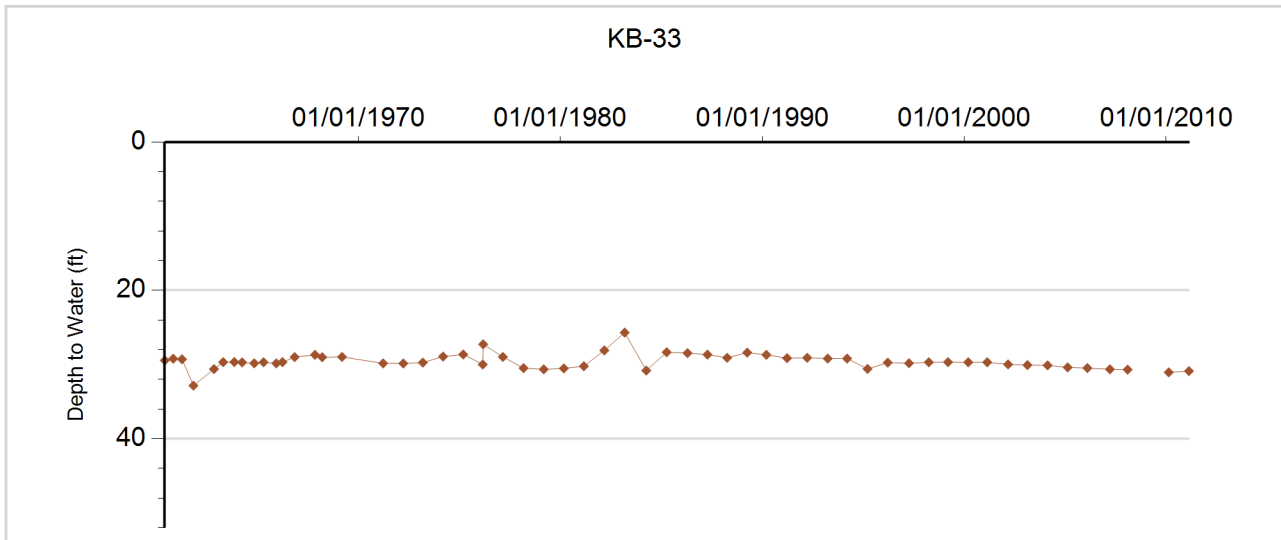
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/17/2011	30.89	5223.95	0.17
02/16/2010	31.06	5223.78	
01/01/2009			
02/04/2008	30.69	5224.15	-0.04
03/20/2007	30.65	5224.19	-0.17
02/06/2006	30.48	5224.36	-0.09
02/14/2005	30.39	5224.45	-0.27
02/17/2004	30.12	5224.72	-0.04
02/18/2003	30.08	5224.76	-0.09
03/06/2002	29.99	5224.85	-0.29

**Construction Information**

Surface Elevation (ft): 5254.84  
 Well Depth (ft): 52.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 06/03/1960    End Date: 02/17/2011  
 Number of Measurements: 58





**GROUNDWATER DETAILS**

**Well Name:** KB-34  
**Permit Number:** 20992-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00306210CDD  
**USGS Site ID:** 394749104184101  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
55 S	2707 E	SE	SE	SW	10	3.0 S	62.0 W	S	558928.5	4405400.4	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

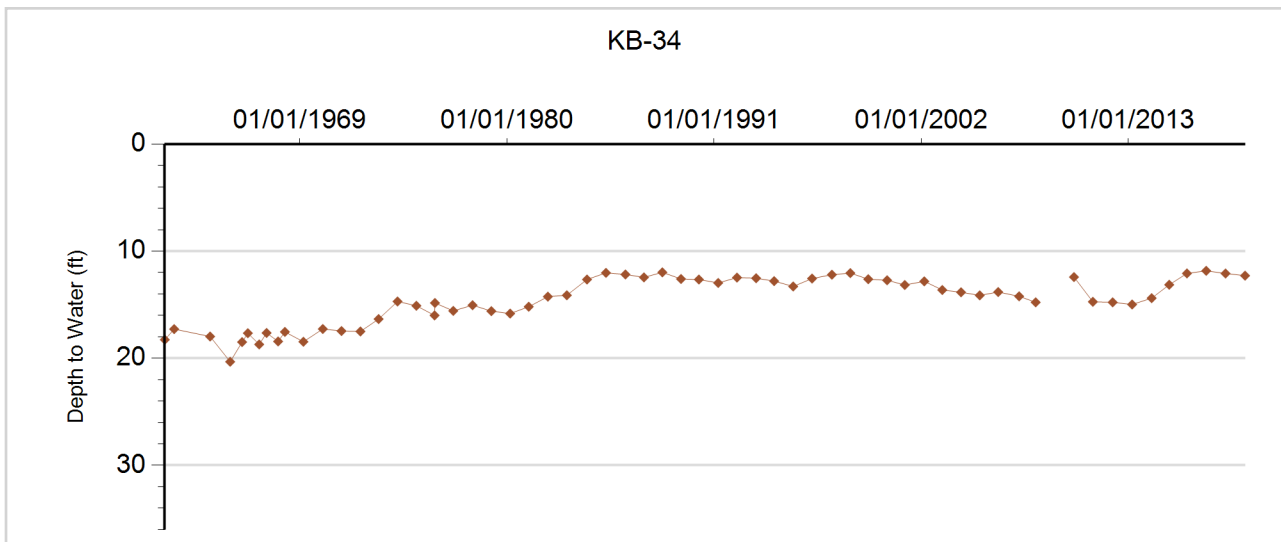
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	12.29	5233.52	-0.20
03/06/2018	12.09	5233.72	-0.25
02/23/2017	11.84	5233.97	0.24
02/17/2016	12.08	5233.73	1.06
03/10/2015	13.14	5232.67	1.25
04/03/2014	14.39	5231.42	0.59
03/20/2013	14.98	5230.83	-0.20
03/08/2012	14.78	5231.03	-0.05
02/17/2011	14.73	5231.08	-2.31
02/16/2010	12.42	5233.39	

**Construction Information**

Surface Elevation (ft): 5245.81  
 Well Depth (ft): 36.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 11/02/1961    End Date: 03/19/2019  
 Number of Measurements: 62







**GROUNDWATER DETAILS**

**Well Name:** KB-35  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00306220CCB  
**USGS Site ID:** 394613104212601  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
1072 S	21 W	NW	SW	SW	20	3.0 S	62.0 W	S	554967.5	4402427.4	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

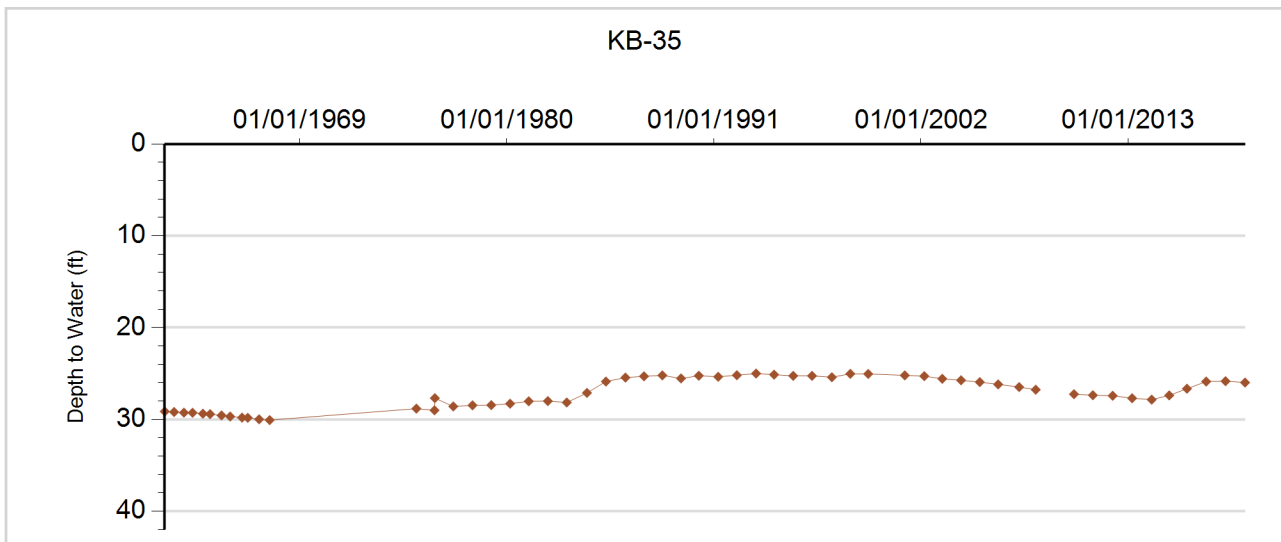
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	25.98	5305.89	-0.15
03/06/2018	25.83	5306.04	0.04
02/23/2017	25.87	5306.00	0.78
02/17/2016	26.65	5305.22	0.73
03/10/2015	27.38	5304.49	0.46
04/03/2014	27.84	5304.03	-0.15
03/20/2013	27.69	5304.18	-0.27
03/08/2012	27.42	5304.45	-0.06
02/17/2011	27.36	5304.51	-0.11
02/16/2010	27.25	5304.62	

**Construction Information**

Surface Elevation (ft): 5331.87  
 Well Depth (ft): 42.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 11/03/1961    End Date: 03/19/2019  
 Number of Measurements: 57





**GROUNDWATER DETAILS**

**Well Name:** KB-36  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00306227ACC  
**USGS Site ID:** 394537104183001  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2693 S	3506 W	SW	SW	NE	27	3.0 S	62.0 W	S	559224.4	4401378.3	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

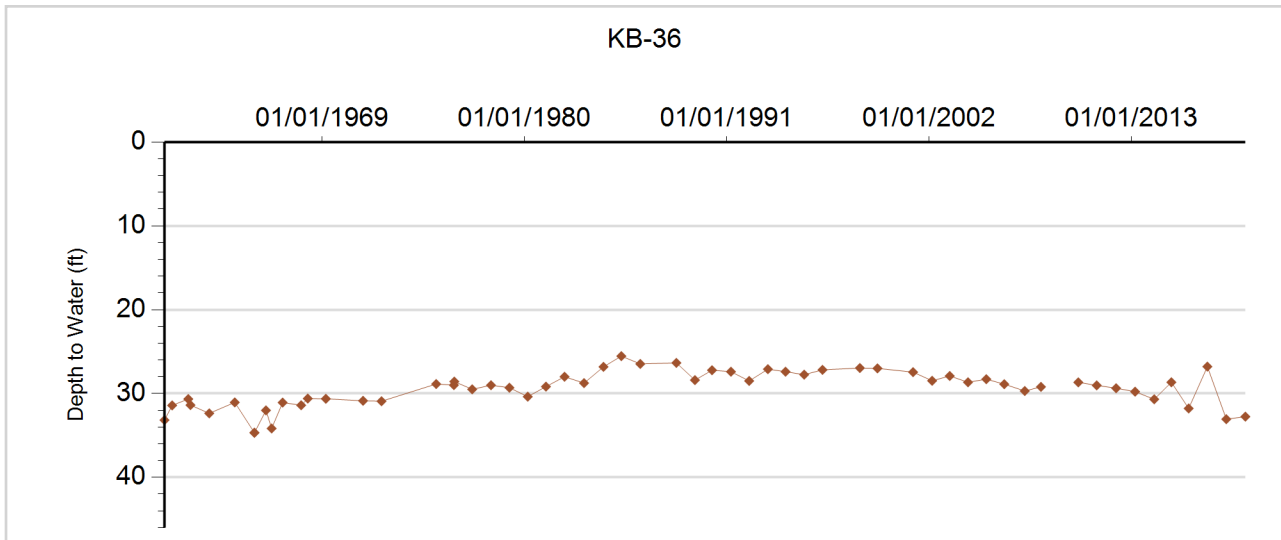
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	32.76	5292.06	0.30
03/06/2018	33.06	5291.76	-6.27
02/23/2017	26.79	5298.03	4.99
02/17/2016	31.78	5293.04	-3.12
03/10/2015	28.66	5296.16	2.03
04/03/2014	30.69	5294.13	-0.91
03/20/2013	29.78	5295.04	-0.41
03/08/2012	29.37	5295.45	-0.34
02/17/2011	29.03	5295.79	-0.36
02/16/2010	28.67	5296.15	

**Construction Information**

Surface Elevation (ft): 5324.82  
 Well Depth (ft): 46.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 06/03/1960    End Date: 03/19/2019  
 Number of Measurements: 59





**GROUNDWATER DETAILS**

**Well Name:** KB-37  
**Permit Number:** 13137-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00306232DDC  
**USGS Site ID:** 394418104203301  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
136 S	798 E	SW	SE	SE	32	3.0 S	62.0 W	S	556289.4	4398936.3	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

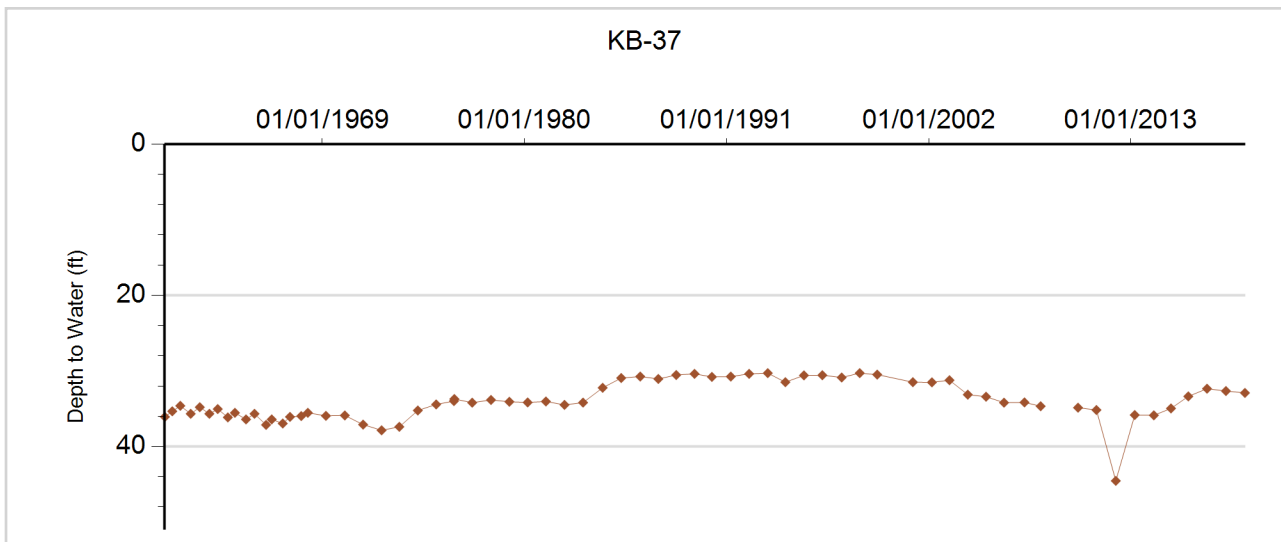
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	32.92	5349.95	-0.25
03/06/2018	32.67	5350.20	-0.31
02/23/2017	32.36	5350.51	1.02
02/17/2016	33.38	5349.49	1.59
03/10/2015	34.97	5347.90	0.91
04/03/2014	35.88	5346.99	-0.04
03/20/2013	35.84	5347.03	8.71
03/08/2012	44.55	5338.32	-9.37
02/17/2011	35.18	5347.69	-0.31
02/16/2010	34.87	5348.00	

**Construction Information**

Surface Elevation (ft): 5382.87  
 Well Depth (ft): 51.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 06/08/1960    End Date: 03/19/2019  
 Number of Measurements: 68





**GROUNDWATER DETAILS**

**Well Name:** KB-39  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00306326CCA  
**USGS Site ID:** 394522104471001  
**Applicant/Contact:**

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3816 N	533 W	NE	NW	SW	26	3.0 S	63.0 W	S	550319.5	4400922.5	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

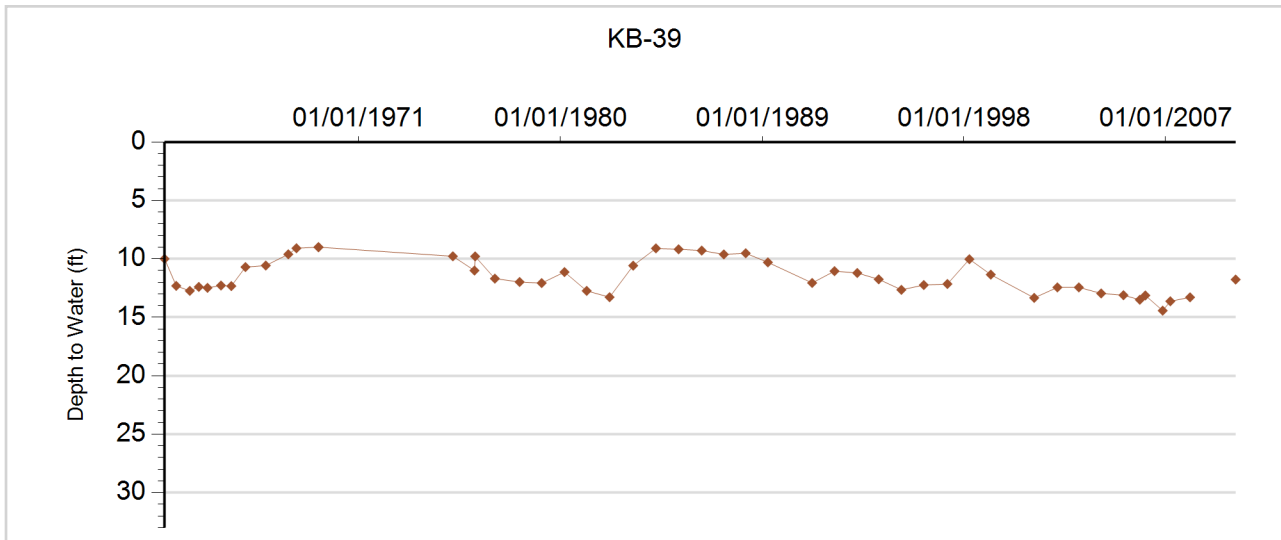
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
02/16/2010	11.77	5419.18	
01/01/2009			
02/04/2008	13.29	5417.66	0.34
03/20/2007	13.63	5417.32	0.80
11/15/2006	14.43	5416.52	-1.30
02/06/2006	13.13	5417.82	0.37
11/07/2005	13.50	5417.45	-0.39
02/14/2005	13.11	5417.84	-0.15
02/17/2004	12.96	5417.99	-0.52
02/18/2003	12.44	5418.51	0.00

**Construction Information**

Surface Elevation (ft): 5430.95  
 Well Depth (ft): 33.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 05/03/1962    End Date: 02/16/2010  
 Number of Measurements: 50





**GROUNDWATER DETAILS**

**Well Name:** KB-40  
**Permit Number:** 9433-  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00105907CCB  
**USGS Site ID:**  
**Applicant/Contact:** ROARK

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
2651 S	56 W	NW	SW	NW	7	1.0 S	59.0 W	S	582111.6	4425830.8	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

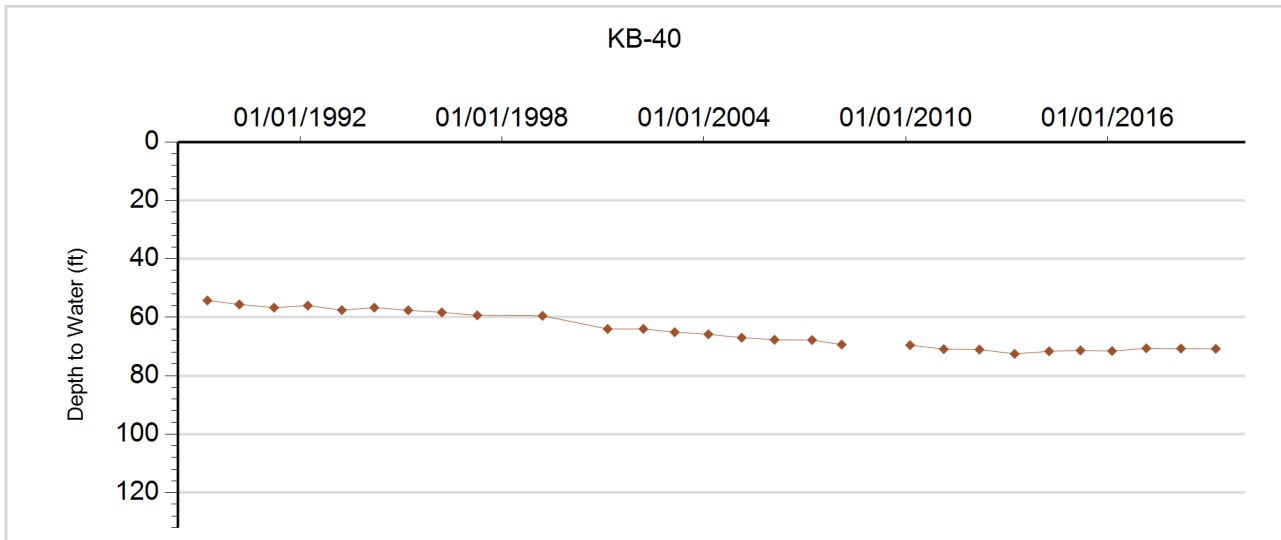
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	70.79	4717.21	-0.09
03/06/2018	70.70	4717.30	-0.08
02/23/2017	70.62	4717.38	0.93
02/17/2016	71.55	4716.45	-0.22
03/11/2015	71.33	4716.67	0.30
04/04/2014	71.63	4716.37	0.90
03/26/2013	72.53	4715.47	-1.48
03/09/2012	71.05	4716.95	-0.14
02/17/2011	70.91	4717.09	-1.37
02/16/2010	69.54	4718.46	

**Construction Information**

Surface Elevation (ft): 4788.00  
 Well Depth (ft): 132.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 03/31/1989    End Date: 03/19/2019  
 Number of Measurements: 29





**GROUNDWATER DETAILS**

**Well Name:** KB-41  
**Permit Number:**  
**WDID:**  
**Data Source:** DWR

**Location Number:** SB00306024CCD  
**USGS Site ID:**  
**Applicant/Contact:** KAMMERZELL

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
99 S	1058 W	SE	SW	SW	24	3.0 N	60.0 W	S	580680.8	4450853.8	GPS

Division: 1                  District: 1  
 County: MORGAN  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

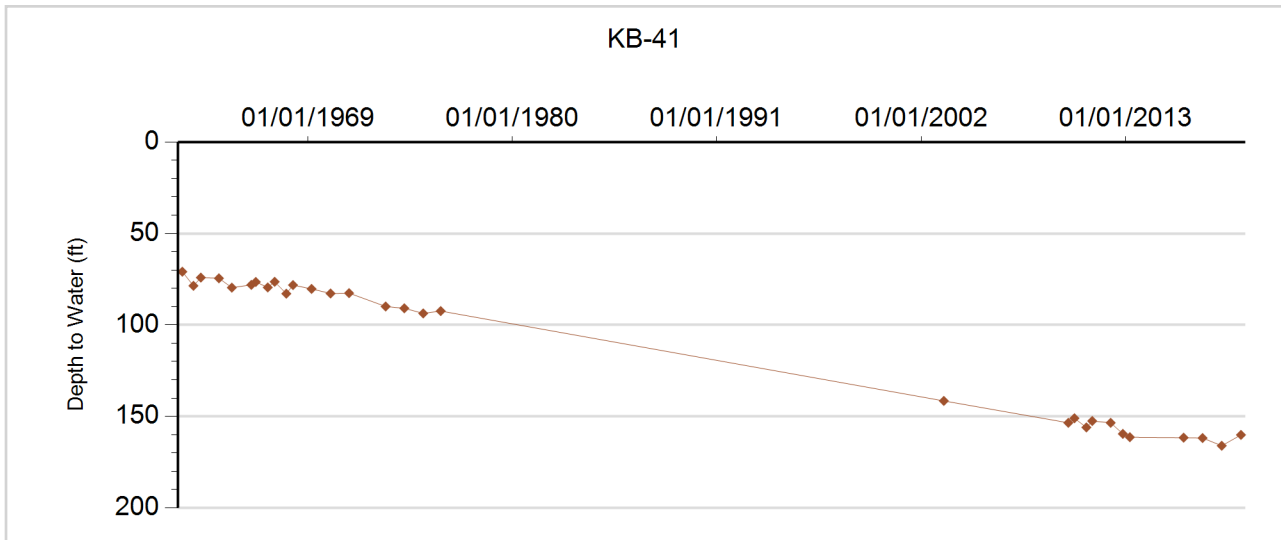
Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	160.10	4417.90	5.94
03/06/2018	166.04	4411.96	-4.23
02/23/2017	161.81	4416.19	-0.19
02/17/2016	161.62	4416.38	-0.27
03/26/2013	161.35	4416.65	-1.81
11/09/2012	159.54	4418.46	-6.04
03/15/2012	153.50	4424.50	-1.00
03/18/2011	152.50	4425.50	3.50
11/23/2010	156.00	4422.00	-5.00
04/02/2010	151.00	4427.00	2.50

**Construction Information**

Surface Elevation (ft): 4578.00  
 Well Depth (ft):  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 04/03/1962    End Date: 03/19/2019  
 Number of Measurements: 30





**GROUNDWATER DETAILS**

**Well Name:** KB-42  
**Permit Number:** 10454-RFP  
**WDID:**  
**Data Source:** DWR

**Location Number:** SC00306313BDA  
**USGS Site ID:**  
**Applicant/Contact:** LARRY TOFT

**Physical Location**

Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Location Accuracy
3898 S	3065 E	NE	SE	NW	13	3.0 S	63.0 W	S	552436.0	4404896.0	GPS

Division: 1                  District: 1  
 County: ADAMS  
 Designated Basin: KIOWA-BIJOU  
 Management District: NORTH KIOWA-BIJOU

**Ten Most Recent Readings**

Date	Depth to Water Feet Below Land Surface	Elevation of Water (ft)	Change From Previous Measure (ft)
03/19/2019	11.45	5331.55	-2.35
03/06/2018	9.10	5333.90	-0.90
02/23/2017	8.20	5334.80	-0.31
02/17/2016	7.89	5335.11	4.81
03/10/2015	12.70	5330.30	

**Construction Information**

Surface Elevation (ft): 5343.00  
 Well Depth (ft): 22.00  
 Depth to Base of Grout (ft):  
 Depth to Top of Perforated Casing (ft):  
 Depth to Bottom of Perforated Casing (ft):  
 Source Aquifer(s): QUATERNARY ALLUVIUM

**Well Measurement Summary**

Start Date: 03/10/2015    End Date: 03/19/2019  
 Number of Measurements: 5

