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**GROUND WATER LEVELS  
in the  
SOUTHERN HIGH PLAINS  
DESIGNATED GROUND WATER BASIN  
2006**



by  
**Michael Schaub**

**Bill Owens**  
Governor

**Russell George**  
Director

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State Engineer

**Dave McElhaney**  
Project Manager

**GROUND WATER LEVELS  
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SOUTHERN HIGH PLAINS  
DESIGNATED BASIN**

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**COLORADO DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER RESOURCES  
OFFICE OF THE STATE ENGINEER**

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**Water Level Measurements in the Southern  
High Plains Designated Ground Water District  
2006**

This report represents the results of water level measurements of wells in the Southern High Plains Designated Basin made during the months of February and March 2006. The project was done in cooperation with the Southern High Plains Ground Water Management District and local well owners. Funding for this project was supplied in part from well permit fees collected and managed by the Office of the State Engineer as a result of the passage of Senate Bill 200 during the 1987 legislative session.

In this report tabular data are presented for each well for the previous 10 years. Graphical data are presented for the entire period of record.

A total of 95 well sites were visited with 92 wells being measured, recorded and data entered. Measurements are available for only a very limited number of wells from 2005. A review of the 2006 measurements as compared to the 2004 measurements reveals that the following water level changes have occurred since the last complete measurement period:

- Water levels declined in 70 wells as compared to 32 wells in 2004
- Water levels rose in 8 wells as compared to 52 wells in 2004
- Water levels remained constant in 3 wells as compared to 4 in 2004
- The average water level change for all wells in 2006 from 2004 was -3.97 feet.

Six distinct aquifers or aquifer combinations are present within the basin. Aquifer designations as used in this report are described in Table 1 as follows:

**Table 1 – Aquifer Descriptions**

<b><u>Symbol</u></b>	<b><u>Aquifer Name</u></b>	<b><u>Ave. Sat. Thickness</u></b>	<b><u>Total Thickness</u></b>	<b><u>Description</u></b>
<b>Qai</b>	<b>Alluvium</b>	<b>0 – 60 Ft</b>	<b>0 – 100 Ft</b>	<b>Unconsolidated sands and gravels</b>
<b>To</b>	<b>Ogallala</b>	<b>&lt; 50 Ft</b>	<b>0 – 200 Ft</b>	<b>Sand, gravel, silt, clay and limestone</b>
<b>Kd</b>	<b>Dakota</b>	<b>&lt; 125 Ft</b>	<b>80 – 150 Ft</b>	<b>Fine grained, thin to massive sandstone with clayey to sandy shales. Light to dark brown.</b>
<b>Kc</b>	<b>Cheyenne</b>	<b>&lt; 100 Ft</b>	<b>40 – 250 Ft</b>	<b>Fine grained, massive, light colored sandstone.</b>
<b>Kdp</b>	<b>Dakota-Cheyenne</b>			<b>Aquifer unit by virtue of completion in both the Dakota and Cheyenne with absence of intervening Kiowa Shale</b>
<b>TRd</b>	<b>Dockum</b>	<b>300 Ft est.</b>	<b>0 – 570 Ft</b>	<b>Red siltstone, shale, limestones and red to buff fine to coarse sandstone</b>

**Ogallala Aquifer**

A total of seventeen wells completed wholly or predominantly in the Ogallala aquifer were measured in 2006. Water levels fluctuated over the past two years ranging from a rise of 0.5 feet

to a decline of -7.5 feet. Overall, the average change for the past two year period was a decline of -3.84 feet or an annualized change of -1.91 feet. In the past two years, thirteen wells showed a decline in water levels, and one well showed an increase. There was no comparable data from three wells in 2004.

### **Dakota Aquifer**

A total of thirty-three wells into the Dakota aquifer were measured in 2006. Water levels fluctuated over the past two years ranging from a rise of 0.7 feet to a decline of -10.7 feet. Overall, the average change for the past two-year period was a decline of -4.90 feet or an annualized change of -2.45 feet. In the past two years, twenty-four wells showed a decline in water levels, and three wells showed an increase. There was no comparable data from four wells in 2004.

### **Cheyenne Aquifer**

Eleven wells into the Cheyenne aquifer were measured in 2006. Water levels fluctuated over the past two years ranging from a rise of 2.25 feet to a decline of -6.10 feet. Overall, the average change for the past two-year period was a decline of -2.14 feet or an annualized change of -1.07 feet. In the past two years, eight wells showed a decline in water levels, and two wells showed an increase. There was no comparable data from one well in 2004.

### **Dockum Aquifer**

Twenty-one wells penetrating the Dockum aquifer were measured in 2006. Water levels fluctuated over the past two years ranging from a rise of 3.00 feet to a decline of -11.60 feet. Overall, the average change for the past two-year period was a decline of -5.84 feet or an annualized change of -2.92 feet. In the past two years, nineteen wells showed a decline in water levels, one well showed no change and one well showed an increase. There was no comparable data from one well in 2004.

### **Dakota – Cheyenne Aquifer**

A total of five wells classified as Dakota-Cheyenne aquifer were measured in 2006. Water levels fluctuated over the past two years ranging from a decline of 0.90 feet to a decline of -8.20 feet. Overall, the average change for the past two-year period was a decline of -4.60 feet or an annualized change of -2.30 feet. In the past two years, four wells showed a decline in water levels. There was no comparable data from one well in 2004.

Table 2 on the following page summarizes the water level changes in the basin and in the various aquifers for the past two-year period and for the past 5-year and 10-year periods.

Copies of the report can be purchased from the Office of the State Engineer, Records Section, 1313 Sherman St., Room 821, Denver, CO 80203, (303) 866-3447. Additionally, this data may be accessed on the internet at the Colorado Decision Support System website <http://cdss.state.co.us> and can be exported to a number of different formats.

# SOUTHERN HIGH PLAINS 2006

## TABLE 2

Aquifer	# Wells	2006/2004 Change		Five Year change		Ten Year change	
		Total in feet	Annualized in feet	Total in feet	Annualized in feet	Total in feet	Annualized in feet
Ogallala	17	-3.84	1.91	-3.66	-0.73	-5.21	-0.52
Dakota	33	-3.14	-1.57	0.68	0.04	0.68	0.07
Cheyenne	11	-2.14	-1.07	-2.12	-0.42	-2.84	-0.28
Dakota/Cheyenne	5	-4.60	-2.30	-7.04	-1.41	-11.90	-1.19
Dockum	21	-5.84	-2.92	-6.56	-1.31	-8.73	-0.87
All Others	5	-4.90	-2.45	2.80	0.56	-0.55	-0.05
All Aquifers	92	-3.97	-1.98	-3.92	-0.78	-5.02	-0.50

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# SOUTHERN HIGH PLAINS

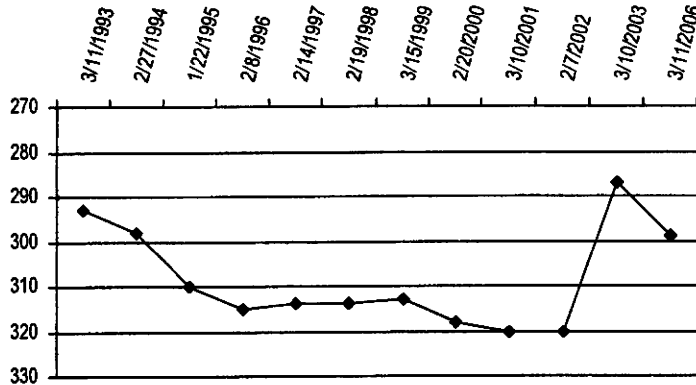
**Well Name:** SC02504211BBB **Owner:** BLAKE, JERREL  
**Permit #:** 10437 - F - **Location #:** SC02504211BBB **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** PROWERS  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW NW NW 11 25 S 42 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4198297.3 **Easting (UTM x):** 754322.0 GPS  
**Latitude/Longitude (decimal degrees):** 37.896689 -102.107663

**Surface Elevation (ft):** 3659 **Water Level Change**  
**Well depth (ft):** 600 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** 21.20  
**10 year:** 16.20

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/8/1996	315.00	3344.00	-5.00
2/14/1997	314.00	3345.00	1.00
2/19/1998	314.00	3345.00	0.00
3/15/1999	313.00	3346.00	1.00
2/20/2000	318.00	3341.00	-5.00
3/10/2001	320.00	3339.00	-2.00
2/7/2002	320.00	3339.00	0.00
3/10/2003	287.00	3372.00	33.00
3/11/2006	298.80	3360.20	-11.80

**All Historic Measurements**



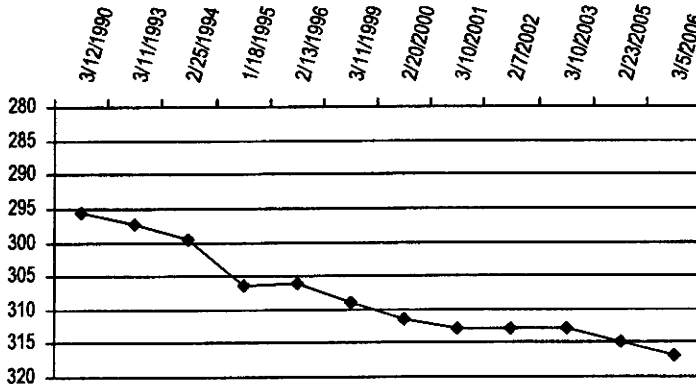
**Well Name:** SC02604107CBB **Owner:** BARTH,RBT.J.  
**Permit #:** 19211 - F - **Location #:** SC02604107CBB **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** PROWERS  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SW NW NW 7 26 S 41 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4187423.1 **Easting (UTM x):** 756071.0 GPS  
**Latitude/Longitude (decimal degrees):** 37.798314 -102.091646

**Surface Elevation (ft):** 3655 **Water Level Change**  
**Well depth (ft):** 630 **1 year:** -2.10  
**Aquifer(s):** DAKOTA **5 year:** -3.90  
 CHEYENNE **10 year:** -10.80

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/13/1996	306.10	3348.90	0.20
3/11/1999	309.00	3346.00	-2.90
2/20/2000	311.50	3343.50	-2.50
3/10/2001	313.00	3342.00	-1.50
2/7/2002	313.00	3342.00	0.00
3/10/2003	313.00	3342.00	0.00
2/23/2005	314.80	3340.20	-1.80
3/5/2006	316.90	3338.10	-2.10

**All Historic Measurements**





## SOUTHERN HIGH PLAINS

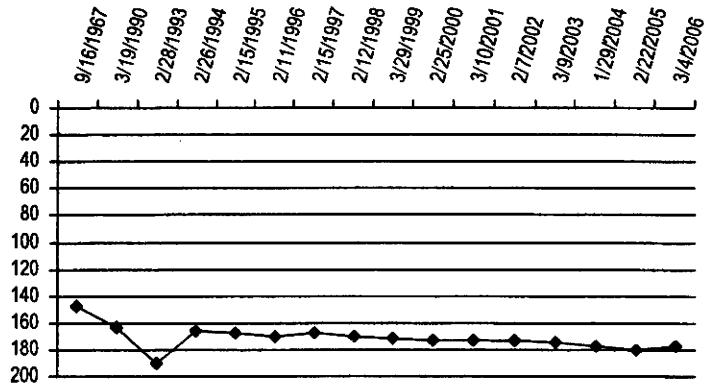
**Well Name:** SC02704229CBB **Owner:** WEEKS RANCHES INC.  
**Permit #:** 12269 - F - **Location #:** SC02704229CBB **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** PROWERS  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SW NW NW 29 27 S 42 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4172679.9 **Easting (UTM x):** 748426.1 GPS  
**Latitude/Longitude (decimal degrees):** 37.667702 -102.183413

**Surface Elevation (ft):** 3825 **Water Level Change**  
**Well depth (ft):** 208 **1 year:** 3.10  
**Aquifer(s):** OGALLALA **5 year:** -3.60  
**10 year:** -6.60

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	170.00	3655.00	-2.60
2/15/1997	168.00	3657.00	2.00
2/12/1998	170.80	3654.20	-2.80
3/29/1999	172.20	3652.80	-1.40
2/25/2000	172.55	3652.45	-0.35
3/10/2001	173.00	3652.00	-0.45
2/7/2002	172.50	3652.50	0.50
3/9/2003	175.00	3650.00	-2.50
1/29/2004	177.10	3647.90	-2.10
2/22/2005	179.70	3645.30	-2.60
3/4/2006	176.60	3648.40	3.10

**All Historic Measurements**



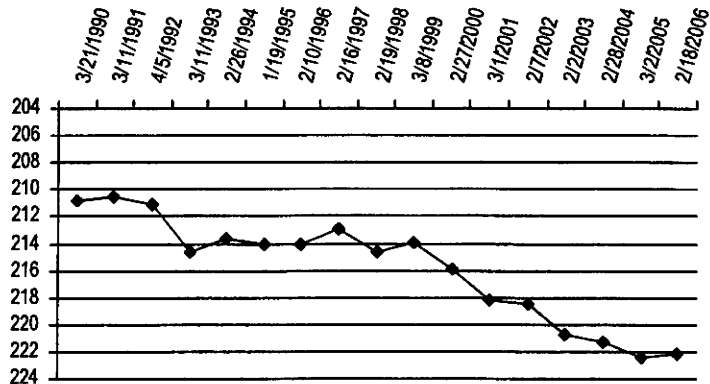
**Well Name:** SC02804304ADD **Owner:** NUSSER,D.  
**Permit #:** 21218 - F - **Location #:** SC02804304ADD **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** PROWERS  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NE SE SE 4 28 S 43 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4169492.9 **Easting (UTM x):** 726039.1 GPS  
**Latitude/Longitude (decimal degrees):** 37.644792 -102.437973

**Surface Elevation (ft):** 3940 **Water Level Change**  
**Well depth (ft):** 292 **1 year:** 0.30  
**Aquifer(s):** OGALLALA **5 year:** -4.00  
**10 year:** -8.20

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	214.00	3726.00	0.00
2/16/1997	212.90	3727.10	1.10
2/19/1998	214.70	3725.30	-1.80
3/8/1999	213.90	3726.10	0.80
2/27/2000	215.90	3724.10	-2.00
3/1/2001	218.20	3721.80	-2.30
2/7/2002	218.40	3721.60	-0.20
2/2/2003	220.80	3719.20	-2.40
2/28/2004	221.30	3718.70	-0.50
3/2/2005	222.50	3717.50	-1.20
2/18/2006	222.20	3717.80	0.30

**All Historic Measurements**



### SOUTHERN HIGH PLAINS

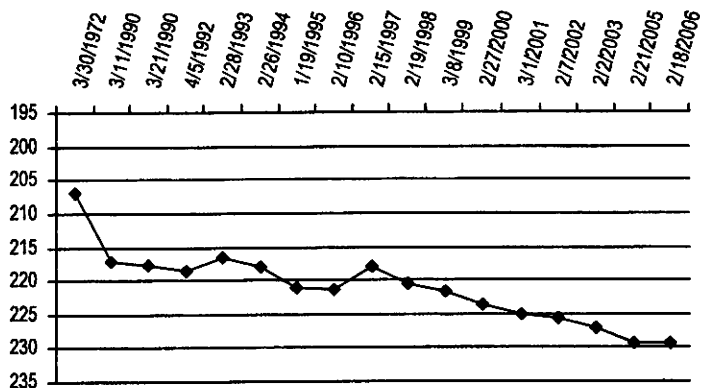
**Well Name:** SC02804304BDD **Owner:** SCHNABEL,D.L.  
**Permit #:** 15639 - F - **Location #:** SC02804304BDD **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW SE SE 4 28 S 43 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4142809.8 **Easting (UTM x):** 718311.9 GPS  
**Latitude/Longitude (decimal degrees):** 37.406373 -102.533409

**Surface Elevation (ft):** 3950 **Water Level Change**  
**Well depth (ft):** 272 **1 year:** 0.20  
**Aquifer(s):** OGALLALA **5 year:** -4.10  
**10 year:** -7.70

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	221.50	3728.50	-0.40
2/15/1997	218.00	3732.00	3.50
2/19/1998	220.40	3729.60	-2.40
3/8/1999	221.70	3728.30	-1.30
2/27/2000	223.70	3726.30	-2.00
3/1/2001	225.10	3724.90	-1.40
2/7/2002	225.70	3724.30	-0.60
2/2/2003	227.00	3723.00	-1.30
2/21/2005	229.40	3720.60	-2.40
2/18/2006	229.20	3720.80	0.20

**All Historic Measurements**



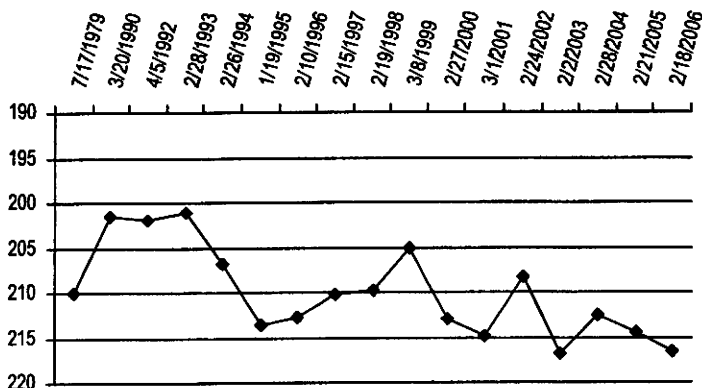
**Well Name:** SC02804308CDD **Owner:** MEYERS, S.  
**Permit #:** 9222 - RF - **Location #:** SC02804308CDD **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
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**UTM Coordinates (NAD83):** **Northing (UTM y):** 4169390.9 **Easting (UTM x):** 742093.1 GPS  
**Latitude/Longitude (decimal degrees):** 37.639783 -102.256229

**Surface Elevation (ft):** 3970 **Water Level Change**  
**Well depth (ft):** 510 **1 year:** -2.20  
**Aquifer(s):** OGALLALA **5 year:** -1.80  
**10 year:** -3.95  
 DAKOTA

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	212.75	3757.25	0.95
2/15/1997	210.30	3759.70	2.45
2/19/1998	209.70	3760.30	0.60
3/8/1999	205.00	3765.00	4.70
2/27/2000	213.00	3757.00	-8.00
3/1/2001	214.90	3755.10	-1.90
2/24/2002	208.40	3761.60	6.50
2/2/2003	216.80	3753.20	-8.40
2/28/2004	212.60	3757.40	4.20
2/21/2005	214.50	3755.50	-1.90
2/18/2006	216.70	3753.30	-2.20

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

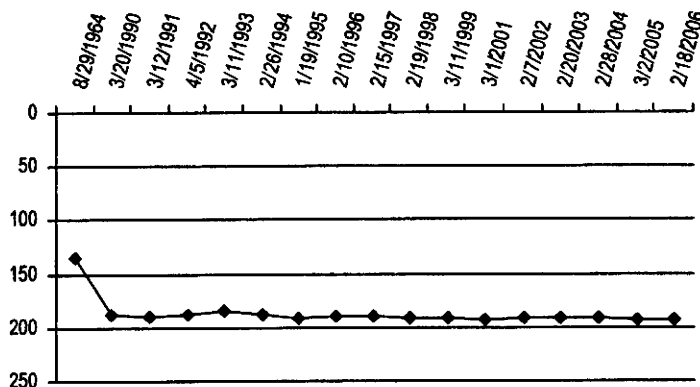
**Well Name:** SC02804321BDD **Owner:** GRIFFIN, L. & OTHERS  
**Permit #:** 6081 - F - **Location #:** SC02804321BDD **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
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**UTM Coordinates (NAD83):** *Northing (UTM y):* 4164431.8 *Easting (UTM x):* 741345.1 GPS  
**Latitude/Longitude (decimal degrees):** 37.595332 -102.266333

**Surface Elevation (ft):** 3960 **Water Level Change**  
**Well depth (ft):** 242 **1 year:** -1.20  
**Aquifer(s):** OGALLALA **5 year:** -0.90  
                   DAKOTA **10 year:** -3.85

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	189.95	3770.05	1.95
2/15/1997	189.80	3770.20	0.15
2/19/1998	191.90	3768.10	-2.10
3/11/1999	191.40	3768.60	0.50
3/1/2001	192.90	3767.10	-1.50
2/7/2002	191.70	3768.30	1.20
2/20/2003	192.10	3767.90	-0.40
2/28/2004	191.70	3768.30	0.40
3/2/2005	192.60	3767.40	-0.90
2/18/2006	193.80	3766.20	-1.20

### All Historic Measurements



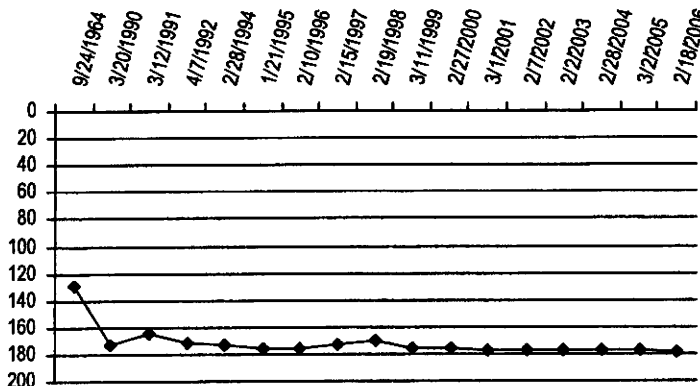
**Well Name:** SC02804329AAA **Owner:** COGBURN, A.  
**Permit #:** 6190 - F - **Location #:** SC02804329AAA **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
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**UTM Coordinates (NAD83):** *Northing (UTM y):* 4166809.9 *Easting (UTM x):* 739750.1 GPS  
**Latitude/Longitude (decimal degrees):** 37.617159 -102.283602

**Surface Elevation (ft):** 3940 **Water Level Change**  
**Well depth (ft):** 210 **1 year:** -0.70  
**Aquifer(s):** OGALLALA **5 year:** -0.40  
                   DAKOTA **10 year:** -2.65

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	175.45	3764.55	0.05
2/15/1997	173.40	3766.60	2.05
2/19/1998	170.20	3769.80	3.20
3/11/1999	176.00	3764.00	-5.80
2/27/2000	176.00	3764.00	0.00
3/1/2001	177.70	3762.30	-1.70
2/7/2002	177.50	3762.50	0.20
2/2/2003	177.00	3763.00	0.50
2/28/2004	177.50	3762.50	-0.50
3/2/2005	177.40	3762.60	0.10
2/18/2006	178.10	3761.90	-0.70

### All Historic Measurements



## SOUTHERN HIGH PLAINS

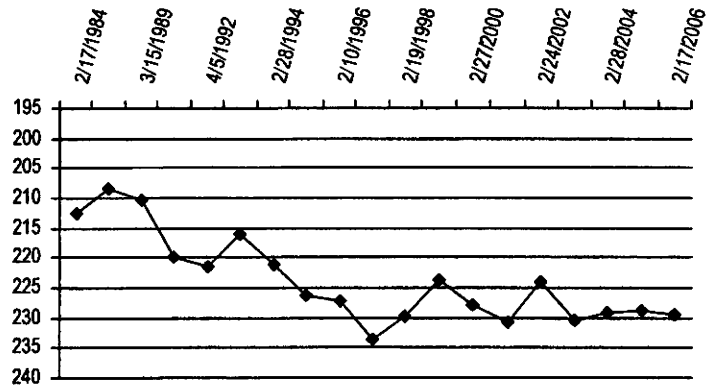
**Well Name:** SC02804410AAA **Owner:** COGBURN, B.  
**Permit #:** 6183 - F - **Location #:** SC02804410AAA **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NE NE NE 10 28 S 44 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4165447.9 **Easting (UTM x):** 711616.1 GPS  
**Latitude/Longitude (decimal degrees):** 37.611801 -102.602485

**Surface Elevation (ft):** 4057 **Water Level Change**  
**Well depth (ft):** 417 **1 year:** -0.80  
**Aquifer(s):** CHEYENNE **5 year:** 1.20  
**10 year:** -2.35

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	227.25	3829.75	-1.05
2/19/1997	233.50	3823.50	-6.25
2/19/1998	229.90	3827.10	3.60
3/11/1999	223.70	3833.30	6.20
2/27/2000	227.90	3829.10	-4.20
3/1/2001	230.80	3826.20	-2.90
2/24/2002	223.90	3833.10	6.90
2/2/2003	230.50	3826.50	-6.60
2/28/2004	229.20	3827.80	1.30
3/1/2005	228.80	3828.20	0.40
2/17/2006	229.60	3827.40	-0.80

### All Historic Measurements



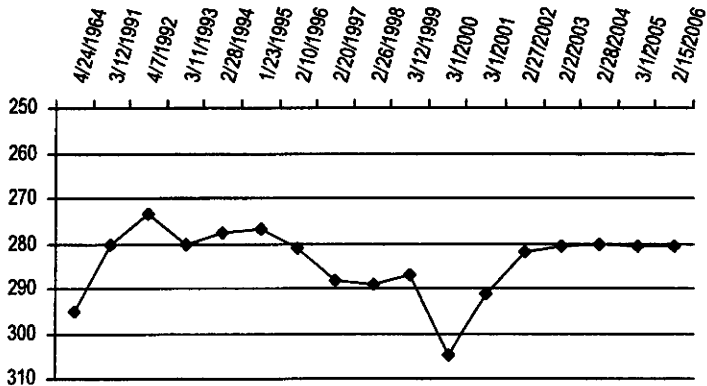
**Well Name:** SC02804501BBB **Owner:** Belin, Oscar & Alta  
**Permit #:** 5498 - F - **Location #:** SC02804501CC **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
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**UTM Coordinates (NAD83):** **Northing (UTM y):** 4145480.7 **Easting (UTM x):** 732822.1 GPS  
**Latitude/Longitude (decimal degrees):** 37.426890 -102.368778

**Surface Elevation (ft):** 4185 **Water Level Change**  
**Well depth (ft):** 407 **1 year:** -0.10  
**Aquifer(s):** DAKOTA **5 year:** 10.50  
 DOCKUM **10 year:** 0.35

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	280.95	3904.05	-4.20
2/20/1997	288.50	3896.50	-7.55
2/26/1998	289.10	3895.90	-0.60
3/12/1999	286.90	3898.10	2.20
3/1/2000	305.10	3879.90	-18.20
3/1/2001	291.10	3893.90	14.00
2/27/2002	282.10	3902.90	9.00
2/2/2003	280.50	3904.50	1.60
2/28/2004	280.10	3904.90	0.40
3/1/2005	280.50	3904.50	-0.40
2/15/2006	280.60	3904.40	-0.10

### All Historic Measurements



## SOUTHERN HIGH PLAINS

**Well Name:** SC02804524ADC

**Owner:** AUSMUS,G.& S.

**Permit #:** 9350 - F -

**Location #:** SC02804514ADC

**USGS Site ID:**

**Division:** 2      **Water District:** 67      **County:** BACA  
**Location:** Q160 Q40 Q10 Section    **Twnshp**    **Range**    **PM**    **Distance from section lines:**  
 NE SE SW    14    28    S    45    W    S    **From N/S line:**      **From EW line:**

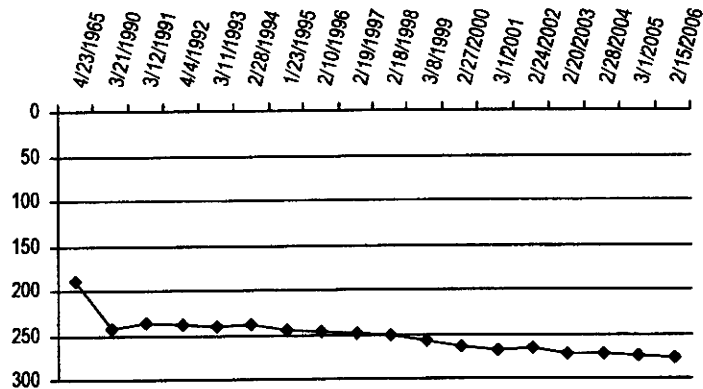
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4164038.9    **Easting (UTM x):** 727515.1    **GPS**  
**Latitude/Longitude (decimal degrees):**      37.595317      -102.422956

**Surface Elevation (ft):** 4150      **Water Level Change**  
**Well depth (ft):** 430      **1 year:** -2.60  
**Aquifer(s):** DAKOTA      **5 year:** -8.50  
 CHEYENNE      **10 year:** -29.60

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	246.80	3903.20	-1.90
2/19/1997	249.60	3900.40	-2.80
2/18/1998	252.10	3897.90	-2.50
3/8/1999	256.50	3893.50	-4.40
2/27/2000	264.40	3885.60	-7.90
3/1/2001	267.90	3882.10	-3.50
2/24/2002	266.40	3883.60	1.50
2/20/2003	272.00	3878.00	-5.60
2/28/2004	272.90	3877.10	-0.90
3/1/2005	273.80	3876.20	-0.90
2/15/2006	276.40	3873.60	-2.60

**All Historic Measurements**



**Well Name:** SC02804514CCC

**Owner:** AUSMUS,G.& S.

**Permit #:** 5259 - F -

**Location #:** SC02804514CCC

**USGS Site ID:**

**Division:** 2      **Water District:** 67      **County:** BACA  
**Location:** Q160 Q40 Q10 Section    **Twnshp**    **Range**    **PM**    **Distance from section lines:**  
 SW SW SW    14    28    S    45    W    S    **From N/S line:**      **From EW line:**

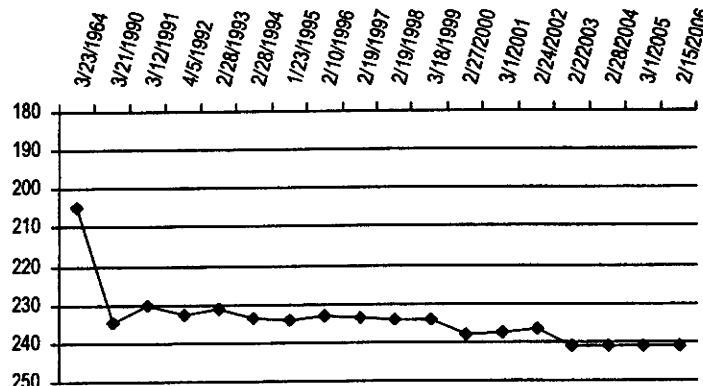
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4164751.9    **Easting (UTM x):** 724594.1    **GPS**  
**Latitude/Longitude (decimal degrees):**      37.602455      -102.455793

**Surface Elevation (ft):** 4205      **Water Level Change**  
**Well depth (ft):** 450      **1 year:** 0.00  
**Aquifer(s):** CHEYENNE      **5 year:** -3.20  
    **10 year:** -7.90

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	233.10	3971.90	0.80
2/19/1997	233.70	3971.30	-0.60
2/19/1998	234.10	3970.90	-0.40
3/18/1999	234.20	3970.80	-0.10
2/27/2000	238.00	3967.00	-3.80
3/1/2001	237.80	3967.20	0.20
2/24/2002	236.60	3968.40	1.20
2/2/2003	241.20	3963.80	-4.60
2/28/2004	241.10	3963.90	0.10
3/1/2005	241.00	3964.00	0.10
2/15/2006	241.00	3964.00	0.00

**All Historic Measurements**



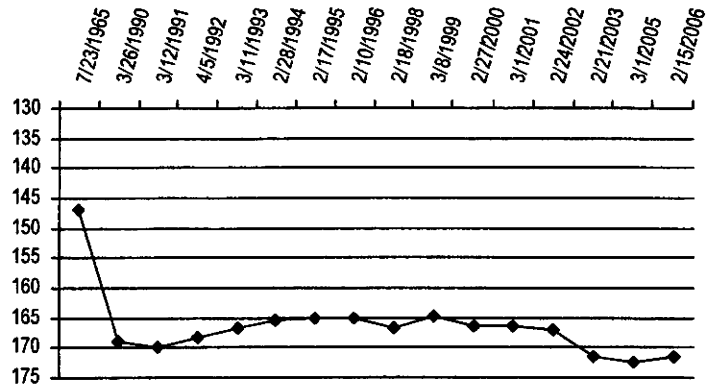
## SOUTHERN HIGH PLAINS

<b>Well Name:</b>	<b>SC02804613BCC</b>	<b>Owner:</b>	KITZMILLER, K. & M.
<b>Permit #:</b>	10080 - F -	<b>Location #:</b>	SC02804613BCC
		<b>USGS Site ID:</b>	
<b>Division:</b>	2	<b>Water District:</b>	67
		<b>County:</b>	BACA
<b>Location:</b>	Q160 Q40 Q10	<b>Section</b>	Twnshp
	NW SW SW	13	28 S
			46 W S
			PM
			Distance from section lines:
			From N/S line:
			From E/W line:
<b>UTM Coordinates (NAD83):</b>	<b>Northing (UTM y):</b>	4159144.9	<b>Easting (UTM x):</b>
			710173.0 GPS
<b>Latitude/Longitude (decimal degrees):</b>		37.555368	-102.620629
<b>Surface Elevation (ft):</b>	4300	<b>Water Level Change</b>	
<b>Well depth (ft):</b>	253	<b>1 year:</b>	0.90
<b>Aquifer(s):</b>	CHEYENNE	<b>5 year:</b>	-5.10
		<b>10 year:</b>	-6.20

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	165.20	4134.80	-0.10
2/18/1998	166.80	4133.20	-1.60
3/8/1999	164.90	4135.10	1.90
2/27/2000	166.30	4133.70	-1.40
3/1/2001	166.30	4133.70	0.00
2/24/2002	167.10	4132.90	-0.80
2/21/2003	171.60	4128.40	-4.50
3/1/2005	172.30	4127.70	-0.70
2/15/2006	171.40	4128.60	0.90

### All Historic Measurements

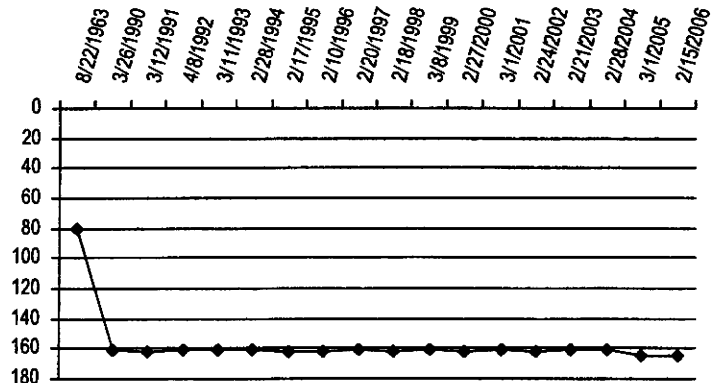


<b>Well Name:</b>	<b>SC02804616BCB</b>	<b>Owner:</b>	KITZMILLER, MARY F.
<b>Permit #:</b>	9444 - F -	<b>Location #:</b>	SC02804616BCB
		<b>USGS Site ID:</b>	
<b>Division:</b>	2	<b>Water District:</b>	67
		<b>County:</b>	BACA
<b>Location:</b>	Q160 Q40 Q10	<b>Section</b>	Twnshp
	NW SW NW	16	28 S
			46 W S
			PM
			Distance from section lines:
			From N/S line:
			From E/W line:
<b>UTM Coordinates (NAD83):</b>	<b>Northing (UTM y):</b>	4145643.8	<b>Easting (UTM x):</b>
			726760.0 GPS
<b>Latitude/Longitude (decimal degrees):</b>		37.429863	-102.437174
<b>Surface Elevation (ft):</b>	4385	<b>Water Level Change</b>	
<b>Well depth (ft):</b>	210	<b>1 year:</b>	-0.20
<b>Aquifer(s):</b>	DAKOTA	<b>5 year:</b>	-3.20
		<b>10 year:</b>	-3.00

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	161.50	4223.50	0.30
2/20/1997	161.30	4223.70	0.20
2/18/1998	161.90	4223.10	-0.60
3/8/1999	161.00	4224.00	0.90
2/27/2000	162.60	4222.40	-1.60
3/1/2001	161.30	4223.70	1.30
2/24/2002	161.50	4223.50	-0.20
2/21/2003	161.30	4223.70	0.20
2/28/2004	160.50	4224.50	0.80
3/1/2005	164.30	4220.70	-3.80
2/15/2006	164.50	4220.50	-0.20

### All Historic Measurements



## SOUTHERN HIGH PLAINS

**Well Name:** SC02804835DCD

*Owner:*

**Permit #:** 9835 - -

**Location #:** SC02804835DCD

**USGS Site ID:**

**Division:** 2                      **Water District:** 67                      **County:** BACA

**Location:** Q160 Q40 Q10    **Section**    **Twnshp**    **Range**    **PM**    **Distance from section lines:**

SE SW SE    35        28    S    48    W    S    **From N/S line:**                      **From E/W line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4159041.4    **Easting (UTM x):** 696864.5    *Spotted from quarters*

**Latitude/Longitude (decimal degrees):** 37.557376                      -102.771215

**Surface Elevation (ft):** 4610

**Water Level Change**

**Well depth (ft):** 316

**1 year:** 0.20

**Aquifer(s):** DAKOTA

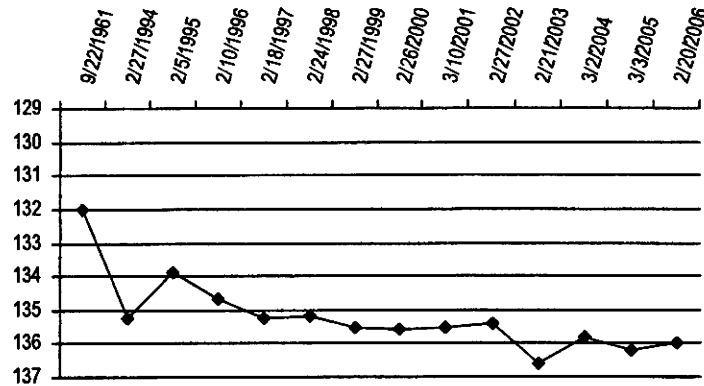
**5 year:** -0.50

**10 year:** -1.30

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	134.70	4475.30	-0.80
2/18/1997	135.25	4474.75	-0.55
2/24/1998	135.20	4474.80	0.05
2/27/1999	135.50	4474.50	-0.30
2/26/2000	135.60	4474.40	-0.10
3/10/2001	135.50	4474.50	0.10
2/27/2002	135.40	4474.60	0.10
2/21/2003	136.60	4473.40	-1.20
3/2/2004	135.80	4474.20	0.80
3/3/2005	136.20	4473.80	-0.40
2/20/2006	136.00	4474.00	0.20

**All Historic Measurements**



**Well Name:** SC02904315CCB

*Owner:* COMMERCE RANCH

**Permit #:** - -

**Location #:** SC02904315CCB

**USGS Site ID:**

**Division:** 2                      **Water District:** 67                      **County:** BACA

**Location:** Q160 Q40 Q10    **Section**    **Twnshp**    **Range**    **PM**    **Distance from section lines:**

SW SW NW    15        29    S    43    W    S    **From N/S line:**                      **From E/W line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4155950.8    **Easting (UTM x):** 742553.1    *GPS*

**Latitude/Longitude (decimal degrees):** 37.518657                      -102.255469

**Surface Elevation (ft):** 3913

**Water Level Change**

**Well depth (ft):** 0

**1 year:** -0.70

**Aquifer(s):** DOCKUM

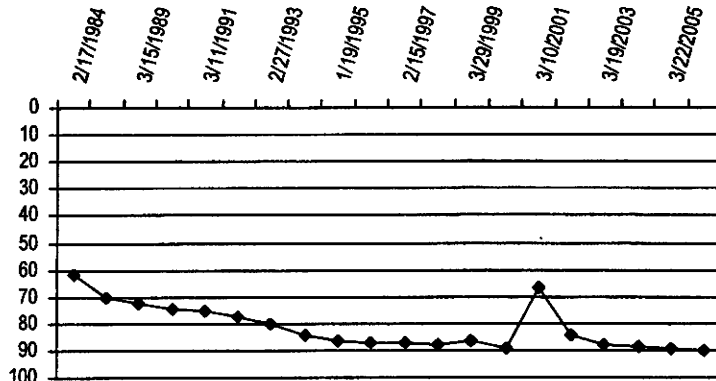
**5 year:** -22.90

**10 year:** -3.00

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	86.90	3826.10	-0.60
2/15/1997	87.00	3826.00	-0.10
2/19/1998	87.60	3825.40	-0.60
3/29/1999	86.60	3826.40	1.00
3/10/2000	89.23	3823.77	-2.63
3/10/2001	67.00	3846.00	22.23
2/7/2002	84.60	3828.40	-17.60
3/19/2003	88.00	3825.00	-3.40
1/29/2004	88.80	3824.20	-0.80
3/22/2005	89.20	3823.80	-0.40
3/4/2006	89.90	3823.10	-0.70

**All Historic Measurements**



**SOUTHERN HIGH PLAINS**

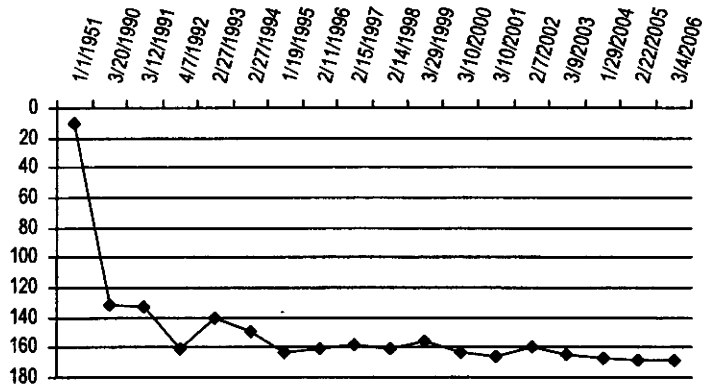
**Well Name:** SC02904316BCB **Owner:** COMMERCE RANCH  
**Permit #:** 18427 - R - **Location #:** SC02904316BCB **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW SW NW 16 29 S 43 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4156878.8 **Easting (UTM x):** 740899.1 GPS  
**Latitude/Longitude (decimal degrees):** 37.527446 -102.273860

**Surface Elevation (ft):** 3939 **Water Level Change**  
**Well depth (ft):** 0 **1 year:** -0.50  
**Aquifer(s):** DAKOTA **5 year:** -3.00  
**10 year:** -8.50

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	160.30	3778.70	2.70
2/15/1997	158.30	3780.70	2.00
2/14/1998	160.30	3778.70	-2.00
3/29/1999	155.90	3783.10	4.40
3/10/2000	164.00	3775.00	-8.10
3/10/2001	165.80	3773.20	-1.80
2/7/2002	159.90	3779.10	5.90
3/9/2003	164.90	3774.10	-5.00
1/29/2004	167.30	3771.70	-2.40
2/22/2005	168.30	3770.70	-1.00
3/4/2006	168.80	3770.20	-0.50

**All Historic Measurements**



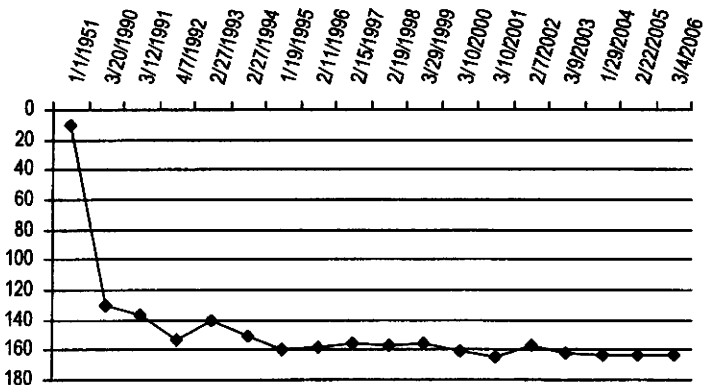
**Well Name:** SC02904316CBB **Owner:** COMMERCE RANCH  
**Permit #:** 18427 - R - **Location #:** SC02904316CBB **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SW NW NW 16 29 S 43 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4156240.8 **Easting (UTM x):** 740912.1 GPS  
**Latitude/Longitude (decimal degrees):** 37.521698 -102.273923

**Surface Elevation (ft):** 3936 **Water Level Change**  
**Well depth (ft):** 0 **1 year:** 0.90  
**Aquifer(s):** DAKOTA **5 year:** 1.00  
 CHEYENNE **10 year:** -5.10

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	158.00	3778.00	1.40
2/15/1997	156.00	3780.00	2.00
2/19/1998	157.40	3778.60	-1.40
3/29/1999	155.20	3780.80	2.20
3/10/2000	160.60	3775.40	-5.40
3/10/2001	164.10	3771.90	-3.50
2/7/2002	157.20	3778.80	6.90
3/9/2003	162.00	3774.00	-4.80
1/29/2004	163.30	3772.70	-1.30
2/22/2005	164.00	3772.00	-0.70
3/4/2006	163.10	3772.90	0.90

**All Historic Measurements**





## SOUTHERN HIGH PLAINS

**Well Name:** SC02904321BAD

**Owner:** COMMERCE RANCH

**Permit #:** 67 - -

**Location #:** SC02904321BAD

**USGS Site ID:**

**Division:**

**Water District:** 67

**County:** BACA

**Location:**

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

NW NE SE 21 29 S 43 W S From N/S line: From E/W line:

**UTM Coordinates (NAD83):** Northing (UTM y): 4155275.8 Easting (UTM x): 741690.1 GPS

**Latitude/Longitude (decimal degrees):** 37.512807 -102.265445

**Surface Elevation (ft):** 3915

**Water Level Change**

**Well depth (ft):** 0

**1 year:** 1.10

**Aquifer(s):** DAKOTA

**5 year:** 4.40

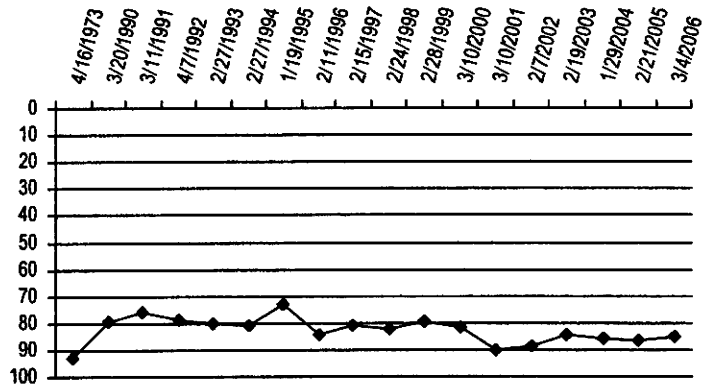
CHEYENNE

**10 year:** -1.00

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	84.40	3830.60	-11.30
2/15/1997	80.60	3834.40	3.80
2/24/1998	82.00	3833.00	-1.40
2/28/1999	79.20	3835.80	2.80
3/10/2000	81.90	3833.10	-2.70
3/10/2001	89.80	3825.20	-7.90
2/7/2002	89.00	3826.00	0.80
2/19/2003	84.20	3830.80	4.80
1/29/2004	85.90	3829.10	-1.70
2/21/2005	86.50	3828.50	-0.60
3/4/2006	85.40	3829.60	1.10

**All Historic Measurements**



**Well Name:** SC02904331CCC

**Owner:** THOMPSON, H.J.

**Permit #:** 12273 - R -

**Location #:** SC02904331CCC

**USGS Site ID:**

**Division:**

**Water District:** 66

**County:** BACA

**Location:**

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

SW SW SW 31 29 S 43 W S From N/S line: From E/W line:

**UTM Coordinates (NAD83):** Northing (UTM y): 4132773.7 Easting (UTM x): 752428.3 GPS

**Latitude/Longitude (decimal degrees):** 37.307355 -102.151772

**Surface Elevation (ft):** 3964

**Water Level Change**

**Well depth (ft):** 0

**1 year:**

**Aquifer(s):** DAKOTA

**5 year:** -6.50

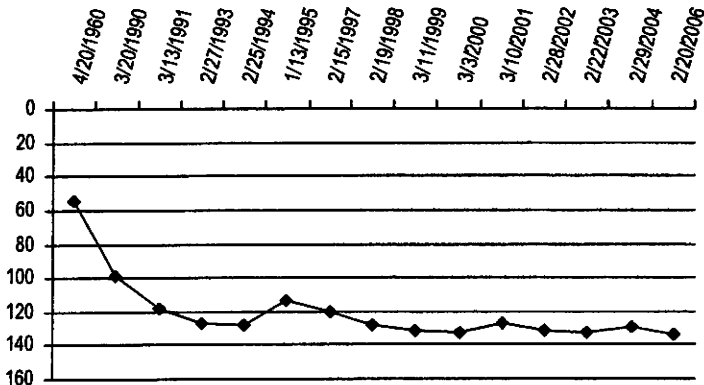
CHEYENNE

**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/15/1997	120.60	3843.40	-7.10
2/19/1998	128.50	3835.50	-7.90
3/11/1999	131.50	3832.50	-3.00
3/3/2000	132.70	3831.30	-1.20
3/10/2001	127.20	3836.80	5.50
2/28/2002	131.40	3832.60	-4.20
2/22/2003	132.30	3831.70	-0.90
2/29/2004	129.70	3834.30	2.60
2/20/2006	133.70	3830.30	-4.00

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

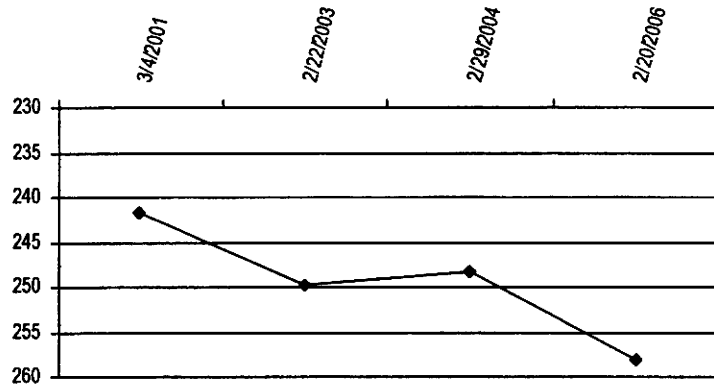
**Well Name:** SC02904422BB **Owner:**  
**Permit #:** - - **Location #:** SC02904415C **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
From N/S line: From EW line:  
                   SW          15 29 S 44 W S  
**UTM Coordinates (NAD83):** Northing (UTM y): 4155577.3 Easting (UTM x): 733290.4 Spotted from quarters  
**Latitude/Longitude (decimal degrees):** 37.517683 -102.360293

**Surface Elevation (ft):** **Water Level Change**  
**Well depth (ft):** 385 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** -16.20  
**10 year:**

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/2001	241.80		
2/22/2003	249.80		-8.00
2/29/2004	248.20		1.60
2/20/2006	258.00		-9.80

### All Historic Measurements



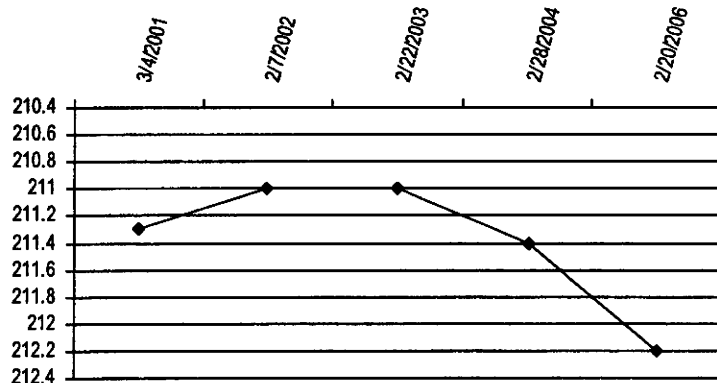
**Well Name:** SC02904431DC **Owner:** DUNN-RED  
**Permit #:** 10173 - F - **Location #:** SC02904431CC **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
From N/S line: From EW line:  
                   SW SW 31 29 S 44 W S  
**UTM Coordinates (NAD83):** Northing (UTM y): 4150386.3 Easting (UTM x): 728466.9 Spotted from quarters  
**Latitude/Longitude (decimal degrees):** 37.472148 -102.416431

**Surface Elevation (ft):** **Water Level Change**  
**Well depth (ft):** 250 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** -0.90  
**10 year:**

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/2001	211.30		
2/7/2002	211.00		0.30
2/22/2003	211.00		0.00
2/28/2004	211.40		-0.40
2/20/2006	212.20		-0.80

### All Historic Measurements



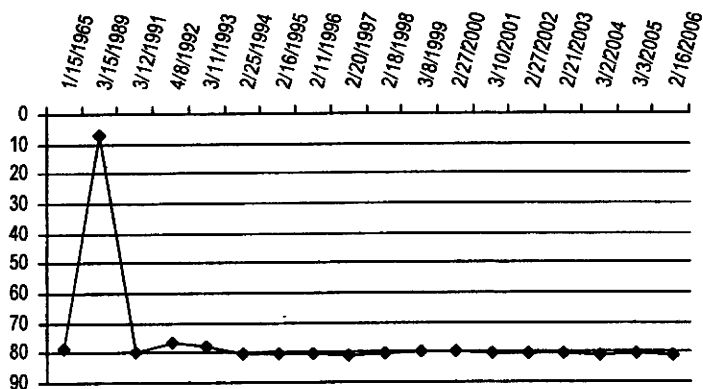
### SOUTHERN HIGH PLAINS

<b>Well Name:</b>	.2904605BCB	<i>Owner:</i> WILSON,F.	
<b>Permit #:</b>	3126 - F -	<b>Location #:</b> SC02904605BCB	<b>USGS Site ID:</b>
<b>Division:</b>	2	<b>Water District:</b> 67	<b>County:</b> BACA
<b>Location:</b>	Q160 Q40 Q10 Section	Twnshp Range PM	Distance from section lines:
	NW SW NW 5	29 S 46 W S	From N/S line: From E/W line:
<b>UTM Coordinates (NAD83):</b>	<b>Northing (UTM y):</b> 4165301.9	<b>Easting (UTM x):</b> 716439.1	GPS
<b>Latitude/Longitude (decimal degrees):</b>	37.609363	-102.547931	
<b>Surface Elevation (ft):</b>	4380	<b>Water Level Change</b>	
<b>Well depth (ft):</b>	132	<b>1 year:</b>	-0.20
<b>Aquifer(s):</b>	DAKOTA	<b>5 year:</b>	-0.60
		<b>10 year:</b>	-0.20

#### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	80.60	4299.40	-0.40
2/20/1997	80.90	4299.10	-0.30
2/18/1998	80.20	4299.80	0.70
3/8/1999	80.10	4299.90	0.10
2/27/2000	80.10	4299.90	0.00
3/10/2001	80.20	4299.80	-0.10
2/27/2002	80.20	4299.80	0.00
2/21/2003	80.20	4299.80	0.00
3/2/2004	80.80	4299.20	-0.60
3/3/2005	80.60	4299.40	0.20
2/16/2006	80.80	4299.20	-0.20

#### All Historic Measurements

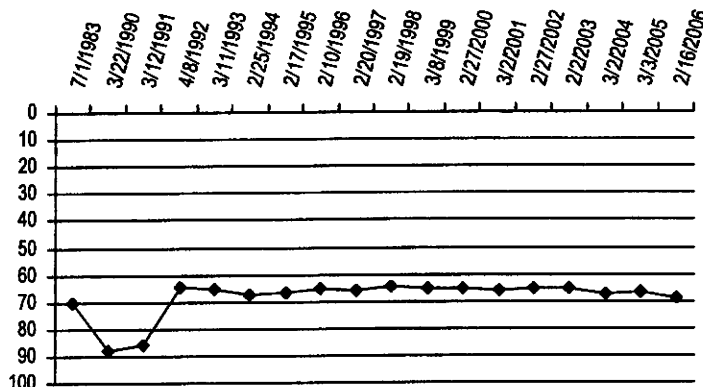


<b>Well Name:</b>	SC02904607BBB	<i>Owner:</i> CHENOWETH,W.V.	
<b>Permit #:</b>	62402 - -	<b>Location #:</b> SC02904607BBB	<b>USGS Site ID:</b>
<b>Division:</b>	2	<b>Water District:</b> 67	<b>County:</b> BACA
<b>Location:</b>	Q160 Q40 Q10 Section	Twnshp Range PM	Distance from section lines:
	NW NW NW 7	29 S 46 W S	From N/S line: From E/W line:
<b>UTM Coordinates (NAD83):</b>	<b>Northing (UTM y):</b> 4157889.9	<b>Easting (UTM x):</b> 708767.0	GPS
<b>Latitude/Longitude (decimal degrees):</b>	37.544385	-102.636892	
<b>Surface Elevation (ft):</b>	4380	<b>Water Level Change</b>	
<b>Well depth (ft):</b>	100	<b>1 year:</b>	-2.00
<b>Aquifer(s):</b>	DAKOTA	<b>5 year:</b>	-3.00
		<b>10 year:</b>	-3.30

#### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	65.50	4314.50	1.00
2/20/1997	66.00	4314.00	-0.50
2/19/1998	64.20	4315.80	1.80
3/8/1999	65.00	4315.00	-0.80
2/27/2000	65.20	4314.80	-0.20
3/2/2001	65.80	4314.20	-0.60
2/27/2002	65.10	4314.90	0.70
2/2/2003	65.20	4314.80	-0.10
3/2/2004	67.20	4312.80	-2.00
3/3/2005	66.80	4313.20	0.40
2/16/2006	68.80	4311.20	-2.00

#### All Historic Measurements



**SOUTHERN HIGH PLAINS**

**Well Name:** SC02904828BBB **Owner:** BAMBER, M. R.  
**Permit #:** 593 - RN - **Location #:** SC02904828BBB **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW NW NW 28 29 S 48 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4152303.9 **Easting (UTM x):** 692808.8 **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.497548 -102.818870

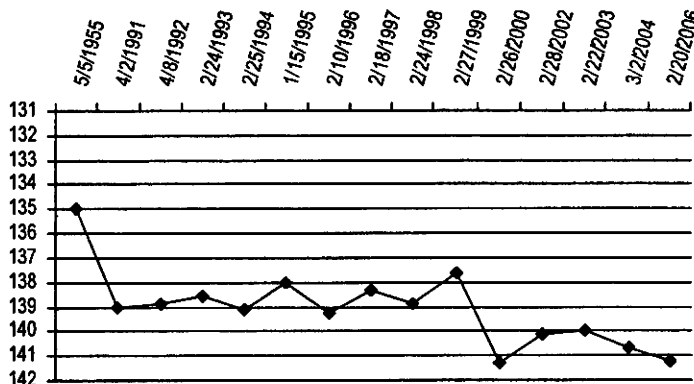
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**Surface Elevation (ft):** 4675 **Water Level Change**  
**Well depth (ft):** 401 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:**  
 CHEYENNE **10 year:** -1.90

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	139.30	4535.70	-1.30
2/18/1997	138.30	4536.70	1.00
2/24/1998	138.90	4536.10	-0.60
2/27/1999	137.60	4537.40	1.30
2/26/2000	141.30	4533.70	-3.70
2/28/2002	140.10	4534.90	1.20
2/22/2003	140.00	4535.00	0.10
3/2/2004	140.70	4534.30	-0.70
2/20/2006	141.20	4533.80	-0.50

**All Historic Measurements**



**Well Name:** SC03004120CBB **Owner:** DILLINGER, ARDEN  
**Permit #:** 5472 - F - **Location #:** SC03004120CBB **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SW NW NW 20 30 S 41 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4145401.3 **Easting (UTM x):** 759052.6 **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.419209 -102.072699

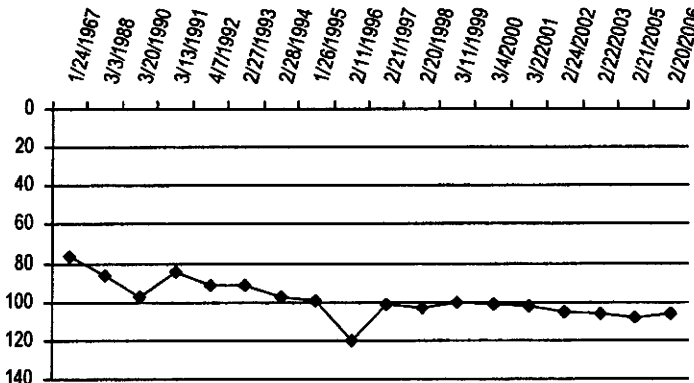
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**Surface Elevation (ft):** 3684 **Water Level Change**  
**Well depth (ft):** 150 **1 year:** 2.10  
**Aquifer(s):** OGALLALA **5 year:** -4.20  
**10 year:** 14.40

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	120.50	3563.50	-21.10
2/21/1997	101.50	3582.50	19.00
2/20/1998	103.00	3581.00	-1.50
3/11/1999	100.00	3584.00	3.00
3/4/2000	101.10	3582.90	-1.10
3/2/2001	101.90	3582.10	-0.80
2/24/2002	104.80	3579.20	-2.90
2/22/2003	106.10	3577.90	-1.30
2/21/2005	108.20	3575.80	-2.10
2/20/2006	106.10	3577.90	2.10

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

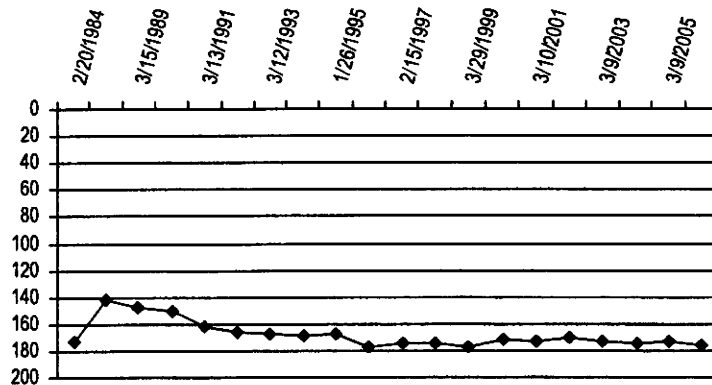
**Well Name:** SC03004217CCB **Owner:** SPIRITUAL SC. CHURCH  
**Permit #:** 3351 - F - **Location #:** SC03004217BCB **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW SW NW 17 30 S 42 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4146146.7 **Easting (UTM x):** 749254.2 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.428609 -102.183045

**Surface Elevation (ft):** 3830 **Water Level Change**  
**Well depth (ft):** 393 **1 year:** -2.40  
**Aquifer(s):** CHEYENNE **5 year:** -2.80  
**10 year:** 1.80

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	177.60	3652.40	-10.70
2/15/1997	174.80	3655.20	2.80
2/24/1998	175.00	3655.00	-0.20
3/29/1999	177.00	3653.00	-2.00
3/10/2000	171.30	3658.70	5.70
3/10/2001	173.00	3657.00	-1.70
2/7/2002	170.50	3659.50	2.50
3/9/2003	173.40	3656.60	-2.90
2/27/2004	174.30	3655.70	-0.90
3/9/2005	173.40	3656.60	0.90
3/4/2006	175.80	3654.20	-2.40

**All Historic Measurements**



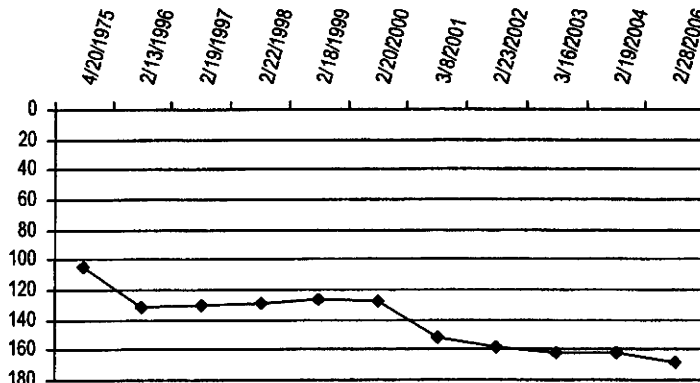
**Well Name:** SC03004234BBD **Owner:** Hume, Rod  
**Permit #:** 19206 - F - **Location #:** SC03004234BBD **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW NW SE 34 30 S 42 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4142585.1 **Easting (UTM x):** 752925.0 **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.395549 -102.142826

**Surface Elevation (ft):** 3780 **Water Level Change**  
**Well depth (ft):** 540 **1 year:** -16.60  
**Aquifer(s):** OGALLALA **5 year:** -37.50  
**10 year:** -37.50

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/13/1996	131.50	3648.50	-26.50
2/19/1997	130.30	3649.70	1.20
2/22/1998	129.50	3650.50	0.80
2/18/1999	126.10	3653.90	3.40
2/20/2000	128.10	3651.90	-2.00
3/8/2001	152.40	3627.60	-24.30
2/23/2002	158.70	3621.30	-6.30
3/16/2003	162.50	3617.50	-3.80
2/19/2004	161.50	3618.50	1.00
2/28/2006	169.00	3611.00	-7.50

**All Historic Measurements**



**SOUTHERN HIGH PLAINS**

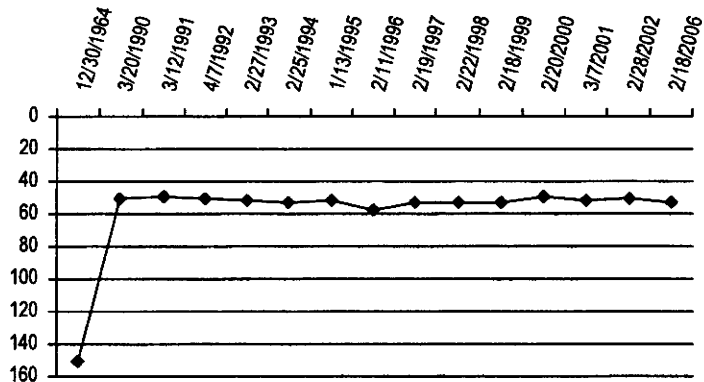
**Well Name:** SC03004302BCB **Owner:** MUNDELL,J.  
**Permit #:** 22678 - - **Location #:** SC03004302BCB **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW SW NW 2 30 S 43 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4150220.0 **Easting (UTM x):** 744424.5 **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.466569 -102.236220

**Surface Elevation (ft):** 3864 **Water Level Change**  
**Well depth (ft):** 266 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** -1.10  
**10 year:** 5.50

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	58.10	3805.90	-5.80
2/19/1997	52.50	3811.50	5.60
2/22/1998	53.20	3810.80	-0.70
2/18/1999	53.20	3810.80	0.00
2/20/2000	49.30	3814.70	3.90
3/7/2001	51.50	3812.50	-2.20
2/28/2002	50.50	3813.50	1.00
2/18/2006	52.60	3811.40	-2.10

**All Historic Measurements**



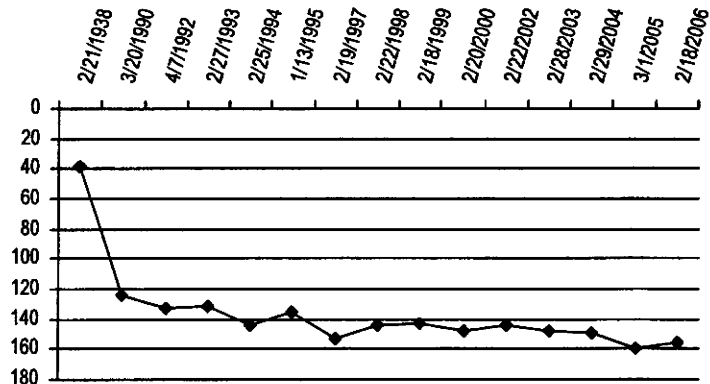
**Well Name:** SC03004309BBB **Owner:** HUME, CHARLES  
**Permit #:** 2503 - F - **Location #:** SC03004309BBB **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW NW NW 9 30 S 43 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4148883.7 **Easting (UTM x):** 741253.7 **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.455370 -102.272472

**Surface Elevation (ft):** 3923 **Water Level Change**  
**Well depth (ft):** 631 **1 year:** 4.10  
**Aquifer(s):** DAKOTA **5 year:**  
 CHEYENNE **10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/19/1997	153.70	3769.30	-18.75
2/22/1998	144.75	3778.25	8.95
2/18/1999	143.20	3779.80	1.55
2/20/2000	148.30	3774.70	-5.10
2/22/2002	143.70	3779.30	4.60
2/28/2003	147.50	3775.50	-3.80
2/29/2004	149.70	3773.30	-2.20
3/1/2005	159.70	3763.30	-10.00
2/18/2006	155.60	3767.40	4.10

**All Historic Measurements**



**SOUTHERN HIGH PLAINS**

**Well Name:** SC03004421AE  
**Permit #:** 16982 -

**Owner:** AUSTIN  
**Location #:** SC03004421AB **USGS Site ID:**

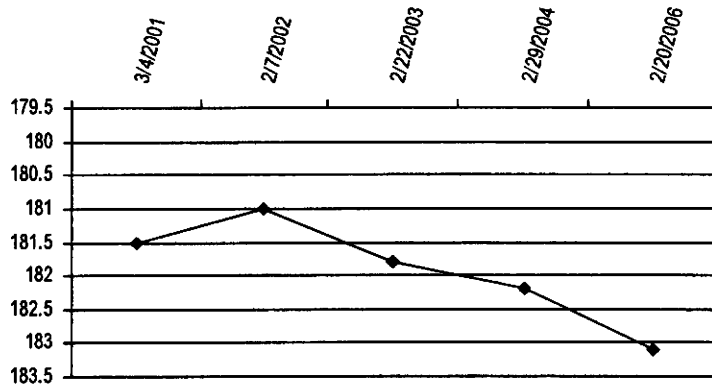
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
 NE NW 21 30 S 44 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4145309.5 **Easting (UTM x):** 732612.7 **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.425401 -102.371196

**Surface Elevation (ft):** **Water Level Change**  
**Well depth (ft):** 261 **1 year:**  
**Aquifer(s):** **5 year:** -1.60  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/2001	181.50		
2/7/2002	181.00		0.50
2/22/2003	181.80		-0.80
2/29/2004	182.20		-0.40
2/20/2006	183.10		-0.90

**All Historic Measurements**



**Well Name:** SC03004513CCC  
**Permit #:** 10452 - F -

**Owner:** B & L FARMS  
**Location #:** SC03004513CCC **USGS Site ID:**

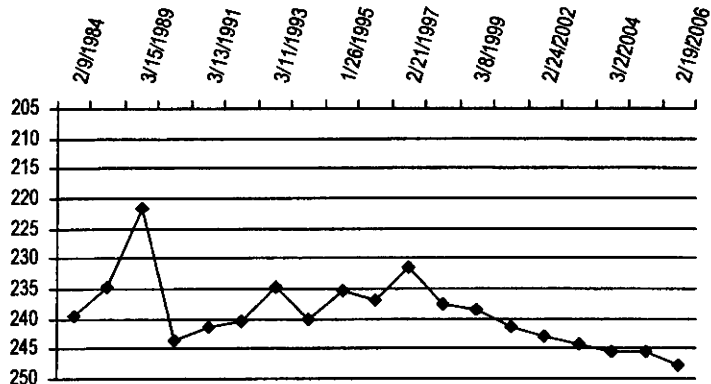
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
 SW SW SW 13 30 S 45 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4145424.3 **Easting (UTM x):** 726890.0 **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.427855 -102.435774

**Surface Elevation (ft):** 4149 **Water Level Change**  
**Well depth (ft):** 330 **1 year:** -2.30  
**Aquifer(s):** CHEYENNE **5 year:** -6.20  
**10 year:** -10.70

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	237.00	3912.00	-1.80
2/21/1997	231.50	3917.50	5.50
2/19/1998	237.70	3911.30	-6.20
3/8/1999	238.40	3910.60	-0.70
3/2/2001	241.50	3907.50	-3.10
2/24/2002	242.90	3906.10	-1.40
2/20/2003	244.40	3904.60	-1.50
3/2/2004	245.40	3903.60	-1.00
3/2/2005	245.40	3903.60	0.00
2/19/2006	247.70	3901.30	-2.30

**All Historic Measurements**



**SOUTHERN HIGH PLAINS**

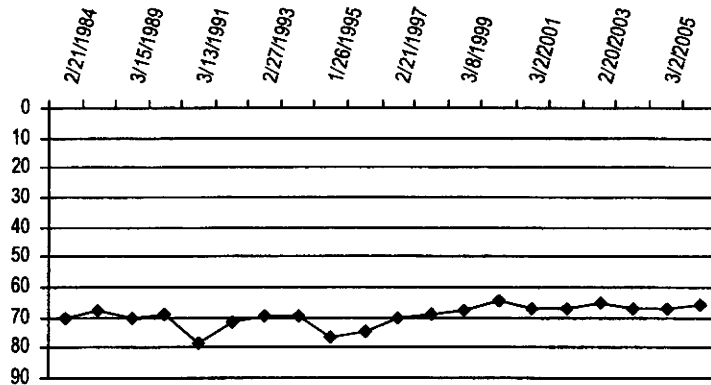
**Well Name:** SC03004625DAB2      **Owner:** WARD, H.  
**Permit #:** - -      **Location #:** SC03004625DAB      **USGS Site ID:**  
**Division:** 2      **Water District:** 67      **County:** BACA  
**Location:** Q160 Q40 Q10      **Section:** 25      **Twnshp:** 30 S      **Range:** 46 W S      **PM:** S      **Distance from section lines:**  
    SE NE NW      **From N/S line:**      **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4142572.3      **Easting (UTM x):** 718439.7      **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.404204      -102.532036

**Surface Elevation (ft):** 4238      **Water Level Change**  
**Well depth (ft):** 0      **1 year:** 1.10  
**Aquifer(s):** DAKOTA      **5 year:** 1.10  
    **10 year:** 8.50

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	74.50	4163.50	2.00
2/21/1997	70.50	4167.50	4.00
2/19/1998	69.00	4169.00	1.50
3/8/1999	67.50	4170.50	1.50
2/27/2000	64.70	4173.30	2.80
3/2/2001	67.10	4170.90	-2.40
2/24/2002	67.10	4170.90	0.00
2/20/2003	65.30	4172.70	1.80
3/2/2004	67.30	4170.70	-2.00
3/2/2005	67.10	4170.90	0.20
2/20/2006	66.00	4172.00	1.10

**All Historic Measurements**



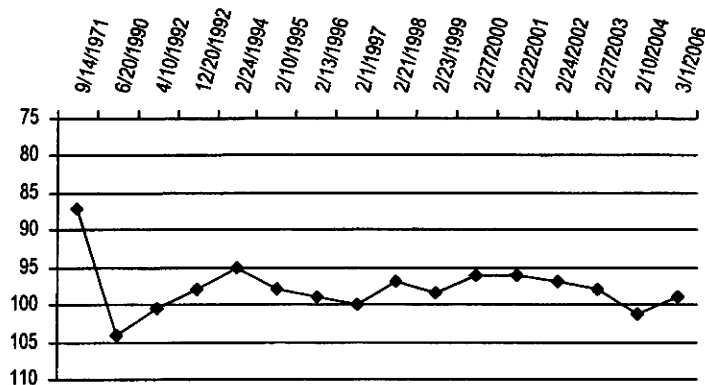
**Well Name:** SC03004631AC      **Owner:** TWN.OF SPRINGFIELD  
**Permit #:** 15430 - F -      **Location #:** SC03004631AC      **USGS Site ID:**  
**Division:** 2      **Water District:** 67      **County:** BACA  
**Location:** Q160 Q40 Q10      **Section:** 31      **Twnshp:** 30 S      **Range:** 46 W S      **PM:** S      **Distance from section lines:**  
    NE SW      **From N/S line:**      **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4141042.3      **Easting (UTM x):** 710140.7      **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.392344      -102.626160

**Surface Elevation (ft):** 4390      **Water Level Change**  
**Well depth (ft):** 203      **1 year:**  
**Aquifer(s):** CHEYENNE      **5 year:** -3.00  
    **10 year:** 0.00

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/13/1996	99.00	4291.00	-1.00
2/1/1997	100.00	4290.00	-1.00
2/21/1998	97.00	4293.00	3.00
2/23/1999	98.50	4291.50	-1.50
2/27/2000	96.00	4294.00	2.50
2/22/2001	96.00	4294.00	0.00
2/24/2002	97.00	4293.00	-1.00
2/27/2003	98.00	4292.00	-1.00
2/10/2004	101.25	4288.75	-3.25
3/1/2006	99.00	4291.00	2.25

**All Historic Measurements**





**SOUTHERN HIGH PLAINS**

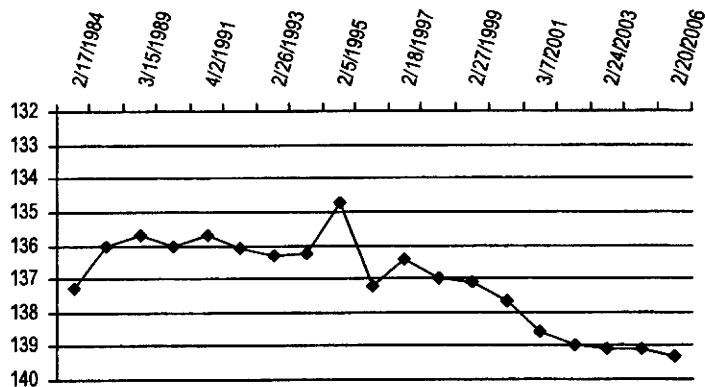
**Well Name:** SC03004827ADD **Owner:** MINNICK, W & E  
**Permit #:** 11339 - F - **Location #:** SC03004827ADD **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
 NE SE SE 27 30 S 48 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4142109.3 **Easting (UTM x):** 696087.8 **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.405035 -102.784512

**Surface Elevation (ft):** 4672 **Water Level Change**  
**Well depth (ft):** 0 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** -0.70  
**10 year:** -2.10

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	137.20	4534.80	-2.45
2/18/1997	136.40	4535.60	0.80
2/24/1998	137.00	4535.00	-0.60
2/27/1999	137.10	4534.90	-0.10
2/26/2000	137.70	4534.30	-0.60
3/7/2001	138.60	4533.40	-0.90
2/28/2002	139.00	4533.00	-0.40
2/24/2003	139.10	4532.90	-0.10
3/2/2004	139.10	4532.90	0.00
2/20/2006	139.30	4532.70	-0.20

**All Historic Measurements**



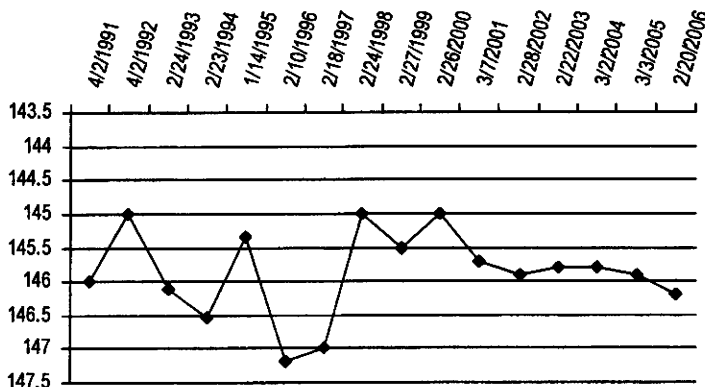
**Well Name:** SC03004911CBB **Owner:** JESSER, HARVEY  
**Permit #:** 16299 - F - **Location #:** SC03004911BB **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
 NW NW 11 30 S 49 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4146614.9 **Easting (UTM x):** 686424.9 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.447615 -102.892481

**Surface Elevation (ft):** 4788 **Water Level Change**  
**Well depth (ft):** 0 **1 year:** -0.30  
**Aquifer(s):** CHEYENNE **5 year:** -0.50  
**10 year:** 1.00

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	147.20	4640.80	-1.87
2/18/1997	147.00	4641.00	0.20
2/24/1998	145.00	4643.00	2.00
2/27/1999	145.50	4642.50	-0.50
2/26/2000	145.00	4643.00	0.50
3/7/2001	145.70	4642.30	-0.70
2/28/2002	145.90	4642.10	-0.20
2/22/2003	145.80	4642.20	0.10
3/2/2004	145.80	4642.20	0.00
3/3/2005	145.90	4642.10	-0.10
2/20/2006	146.20	4641.80	-0.30

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

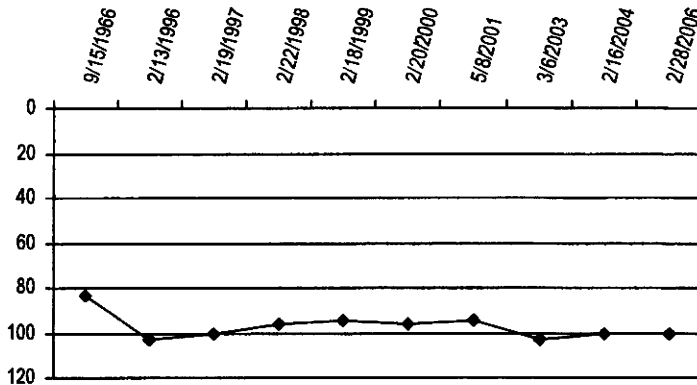
**Well Name:** SC03104117AAD **Owner:** C.D.M. Trust  
**Permit #:** 13002 - R - **Location #:** SC03104108CAD **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section 8 **Twnshp:** 31 S **Range:** 41 W **PM:** S **Distance from section lines:**  
**From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4138326.8 **Easting (UTM x):** 760480.4 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.355124 -102.059076

**Surface Elevation (ft):** 3682 **Water Level Change**  
**Well depth (ft):** 140 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -6.00  
**10 year:** 2.80

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/13/1996	103.30	3578.70	-20.30
2/19/1997	100.50	3581.50	2.80
2/22/1998	96.20	3585.80	4.30
2/18/1999	94.60	3587.40	1.60
2/20/2000	96.30	3585.70	-1.70
5/8/2001	94.50	3587.50	1.80
3/6/2003	103.10	3578.90	-8.60
2/16/2004	100.50	3581.50	2.60
2/28/2006	100.50	3581.50	0.00

**All Historic Measurements**



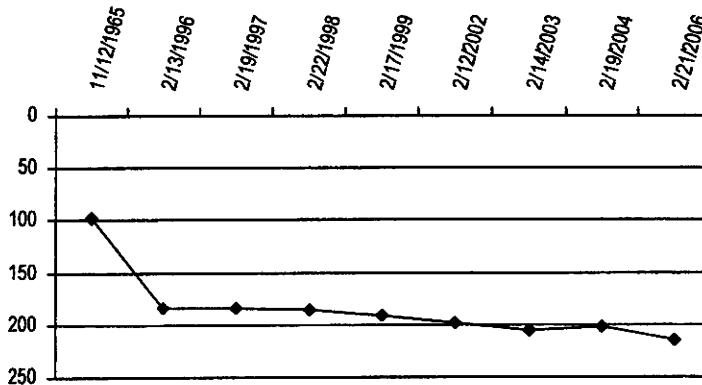
**Well Name:** SC03104230BAA **Owner:** MOORE, JOHN M.  
**Permit #:** 10290 - F - **Location #:** SC03104230BAA **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section 30 **Twnshp:** 31 S **Range:** 42 W **PM:** S **Distance from section lines:**  
**From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4134516.7 **Easting (UTM x):** 748402.2 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.324132 -102.196566

**Surface Elevation (ft):** 3830 **Water Level Change**  
**Well depth (ft):** 380 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:**  
**10 year:** -31.20

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/13/1996	183.20	3646.80	-85.20
2/19/1997	183.75	3646.25	-0.55
2/22/1998	186.50	3643.50	-2.75
2/17/1999	191.40	3638.60	-4.90
2/12/2002	199.00	3631.00	-7.60
2/14/2003	206.00	3624.00	-7.00
2/19/2004	202.80	3627.20	3.20
2/21/2006	214.40	3615.60	-11.60

**All Historic Measurements**



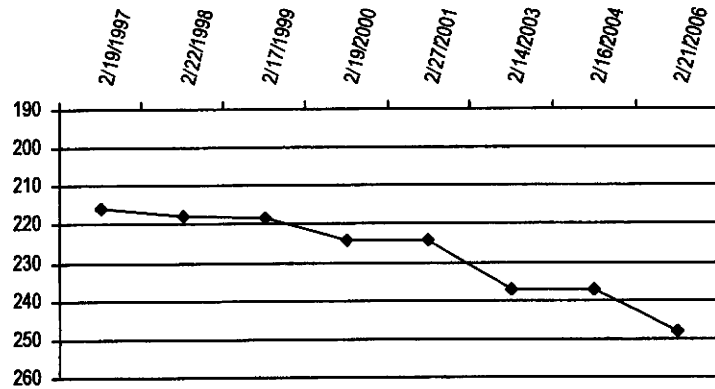
**SOUTHERN HIGH PLAINS**

**Well Name:** SC03104231DDC **Owner:** MEASE, JAMES  
**Permit #:** 43852 - F - **Location #:** SC03104231DDC **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SE SE SW 31 31 S 42 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4130806.7 Easting (UTM x): 747033.2 GPS  
**Latitude/Longitude (decimal degrees):** 37.291094 -102.213233  
**Surface Elevation (ft):** 3820 **Water Level Change**  
**Well depth (ft):** 412 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -23.80  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/19/1997	215.70	3604.30	
2/22/1998	217.60	3602.40	-1.90
2/17/1999	218.40	3601.60	-0.80
2/19/2000	224.10	3595.90	-5.70
2/27/2001	224.50	3595.50	-0.40
2/14/2003	237.20	3582.80	-12.70
2/16/2004	237.00	3583.00	0.20
2/21/2006	248.30	3571.70	-11.30

**All Historic Measurements**

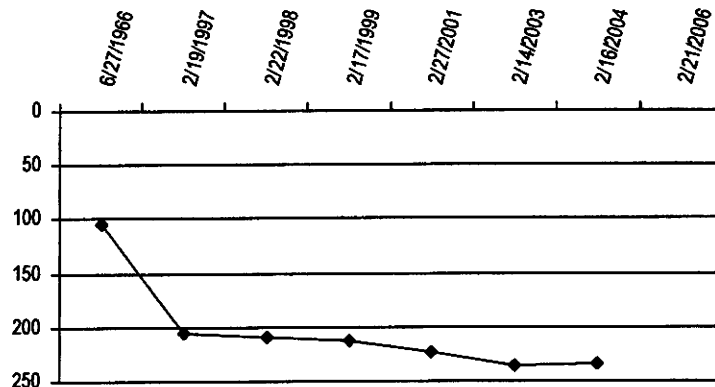


**Well Name:** SC03104232BDD **Owner:** MOORE, JOHN  
**Permit #:** 10620 - F - **Location #:** SC03104232BDD **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW SE SE 32 31 S 42 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4134500.7 Easting (UTM x): 748113.2 GPS  
**Latitude/Longitude (decimal degrees):** 37.324065 -102.199829  
**Surface Elevation (ft):** 3805 **Water Level Change**  
**Well depth (ft):** 410 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:**  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/19/1997	206.50	3598.50	-101.50
2/22/1998	209.00	3596.00	-2.50
2/17/1999	212.60	3592.40	-3.60
2/27/2001	224.10	3580.90	-11.50
2/14/2003	236.00	3569.00	-11.90
2/16/2004	234.00	3571.00	2.00
2/21/2006			

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

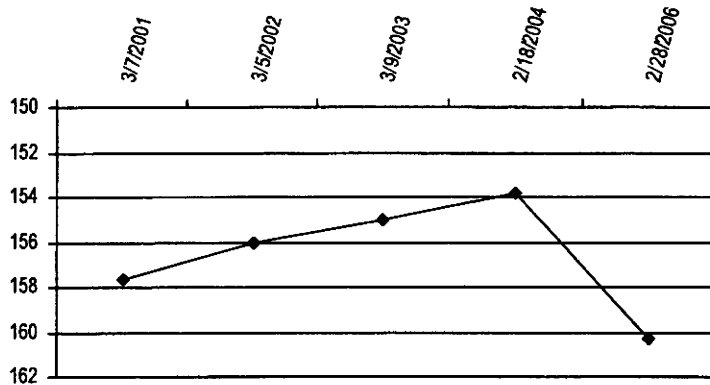
**Well Name:** SC03104308BC **Owner:**  
**Permit #:** 3573 - F - **Location #:** SC03104308BC **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 **Section** **Twnshp** **Range** **PM** **Distance from section lines:**  
                   NW SW           8    31    S    43    W    S    **From N/S line:**           **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4138544.7 **Easting (UTM x):** 739572.1 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.362718                   -102.294816

**Surface Elevation (ft):** \_\_\_\_\_ **Water Level Change**  
**Well depth (ft):** 230 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** -2.60  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/7/2001	157.70		
3/5/2002	156.00		1.70
3/9/2003	155.00		1.00
2/18/2004	153.80		1.20
2/28/2006	160.30		-6.50

**All Historic Measurements**



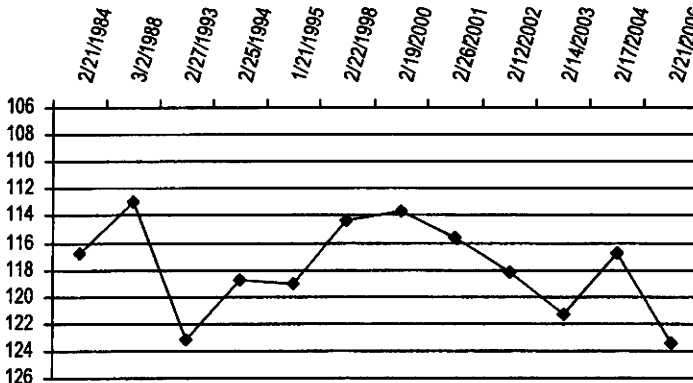
**Well Name:** SC03104333BAA **Owner:** BURCHFIELD, W.K.  
**Permit #:** 2529 - F - **Location #:** SC03104333BAA **USGS Site ID:**  
**Division:** \_\_\_\_\_ **Water District:** \_\_\_\_\_ **County:** \_\_\_\_\_  
**Location:** Q160 Q40 Q10 **Section** **Twnshp** **Range** **PM** **Distance from section lines:**  
                   NW NE NE    33    31    S    43    W    S    **From N/S line:**           **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4132677.8 **Easting (UTM x):** 73970.1 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.243262                   -109.801971

**Surface Elevation (ft):** 3920 **Water Level Change**  
**Well depth (ft):** 211 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** -7.80  
                   CHEYENNE **10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/22/1998	114.40	3805.60	4.60
2/19/2000	113.70	3806.30	0.70
2/26/2001	115.70	3804.30	-2.00
2/12/2002	118.20	3801.80	-2.50
2/14/2003	121.30	3798.70	-3.10
2/17/2004	116.80	3803.20	4.50
2/21/2006	123.50	3796.50	-6.70

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

**Well Name:** SC03104412CCC

**Owner:** COTTRELL, KEN

**Permit #:** 13835 - R -

**Location #:** SC03104412CCC

**USGS Site ID:**

**Division:** 2      **Water District:** 67      **County:** BACA  
**Location:** Q160 Q40 Q10    **Section**    **Twnshp**    **Range**    **PM**    **Distance from section lines:**  
    SW SW            12        31    S        44    W    S        **From N/S line:**                    **From E/W line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4137295.7    **Easting (UTM x):** 735311.1    **GPS**

**Latitude/Longitude (decimal degrees):** 37.352562                    -102.343280

**Surface Elevation (ft):**

**Well depth (ft):** 219

**Aquifer(s):** OGALLALA

**Water Level Change**

**1 year:**

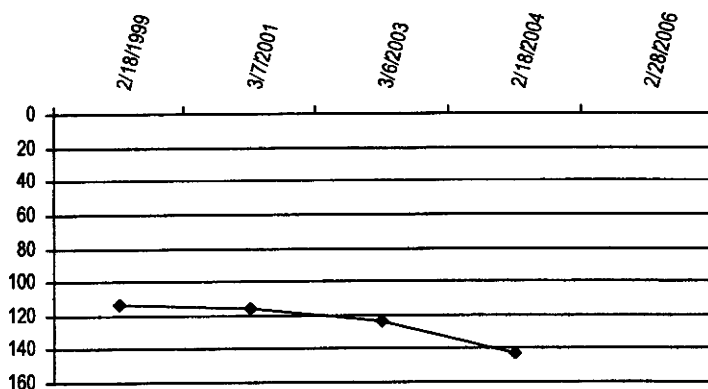
**5 year:**

**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/18/1999	113.50		
3/7/2001	115.30		-1.80
3/6/2003	123.80		-8.50
2/18/2004	143.30		-19.50
2/28/2006			

**All Historic Measurements**



**Well Name:** SC03104522CC

**Owner:** BALDWIN

**Permit #:** 2796 - F -

**Location #:** SC03104522CB

**USGS Site ID:**

**Division:** 2      **Water District:** 67      **County:** BACA  
**Location:** Q160 Q40 Q10    **Section**    **Twnshp**    **Range**    **PM**    **Distance from section lines:**  
    SW NW            22        31    S        45    W    S        **From N/S line:**                    **From E/W line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4135054.7    **Easting (UTM x):** 722954.9    **GPS**

**Latitude/Longitude (decimal degrees):** 37.335432                    -102.483332

**Surface Elevation (ft):**

**Well depth (ft):** 352

**Aquifer(s):**

**Water Level Change**

**1 year:**

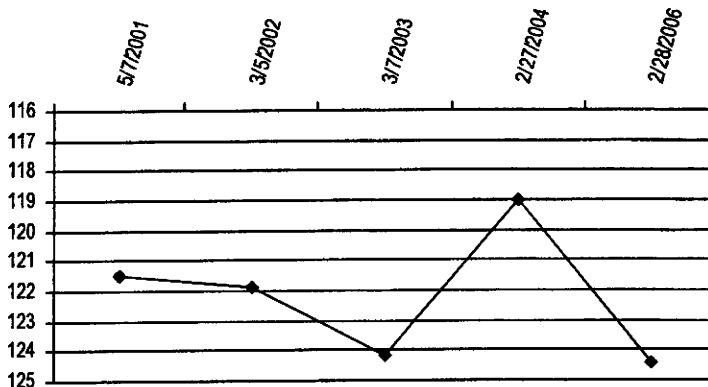
**5 year:** -2.90

**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
5/7/2001	121.50		
3/5/2002	121.90		-0.40
3/7/2003	124.20		-2.30
2/27/2004	119.00		5.20
2/28/2006	124.40		-5.40

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

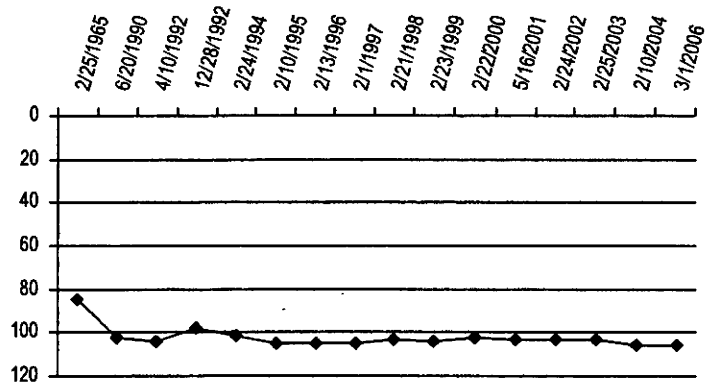
**Well Name:** SC03104604BC **Owner:** TWN.OF SPRINGFIELD  
**Permit #:** 6837 - F - **Location #:** SC03104604BC **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW SW 4 31 S 46 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4139215.1 **Easting (UTM x):** 711351.4 **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.375613 -102.613016

**Surface Elevation (ft):** 4403 **Water Level Change**  
**Well depth (ft):** 360 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** -2.55  
 CHEYENNE **10 year:** -0.55

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/13/1996	105.00	4298.00	0.00
2/1/1997	105.00	4298.00	0.00
2/21/1998	103.00	4300.00	2.00
2/23/1999	104.00	4299.00	-1.00
2/22/2000	102.00	4301.00	2.00
5/16/2001	103.00	4300.00	-1.00
2/24/2002	103.00	4300.00	0.00
2/25/2003	103.30	4299.70	-0.30
2/10/2004	106.25	4296.75	-2.95
3/1/2006	105.55	4297.45	0.70

**All Historic Measurements**



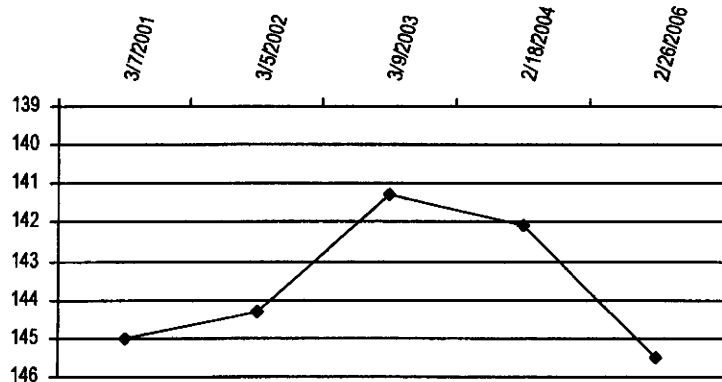
**Well Name:** SC03104632AB **Owner:**  
**Permit #:** 10685 - F - **Location #:** SC03104632AB **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NE NW 32 31 S 46 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4131712.7 **Easting (UTM x):** 710837.8 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.308163 -102.620945

**Surface Elevation (ft):** **Water Level Change**  
**Well depth (ft):** 400 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** -0.50  
 CHEYENNE **10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/7/2001	145.00		
3/5/2002	144.30		0.70
3/9/2003	141.30		3.00
2/18/2004	142.10		-0.80
2/26/2006	145.50		-3.40

**All Historic Measurements**



**SOUTHERN HIGH PLAINS**

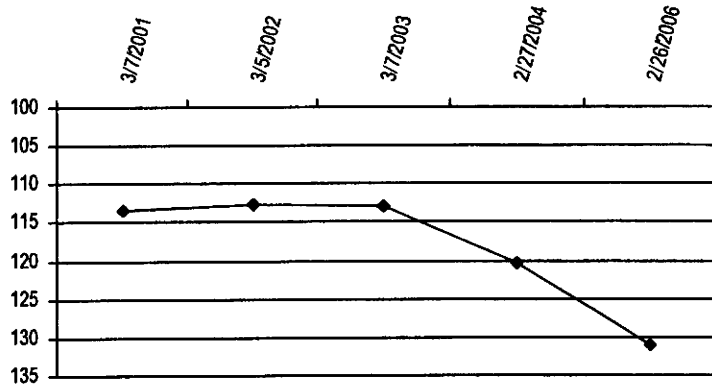
**Well Name:** SC03104714CD **Owner:** TROY BISHOP  
**Permit #:** 19969 - F - **Location #:** SC03104714CD **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SW SE 14 31 S 47 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4134880.8 **Easting (UTM x):** 705606.8 GPS  
**Latitude/Longitude (decimal degrees):** 37.337868 -102.679048

**Surface Elevation (ft):** **Water Level Change**  
**Well depth (ft):** 549 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** -17.60  
 CHEYENNE **10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/7/2001	113.40		
3/5/2002	112.60		0.80
3/7/2003	112.80		-0.20
2/27/2004	120.30		-7.50
2/26/2006	131.00		-10.70

**All Historic Measurements**



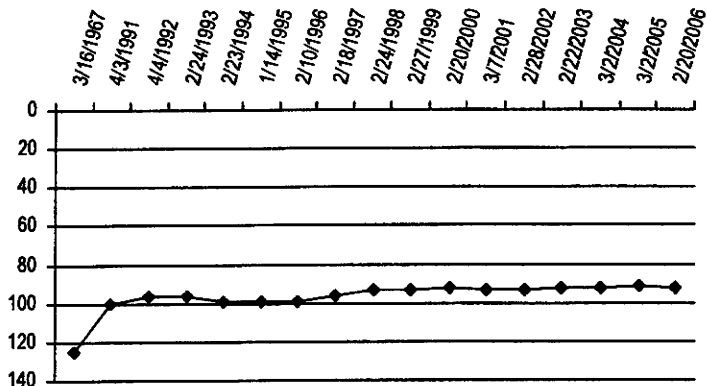
**Well Name:** SC03104821CAD **Owner:** KIRKENDALL,RBT.  
**Permit #:** 29877 - P - **Location #:** SC03104821CAD **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SW NE SE 21 31 S 48 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4133361.8 **Easting (UTM x):** 692752.8 GPS  
**Latitude/Longitude (decimal degrees):** 37.326943 -102.824445

**Surface Elevation (ft):** 4738 **Water Level Change**  
**Well depth (ft):** 245 **1 year:** -1.00  
**Aquifer(s):** DAKOTA **5 year:** 0.70  
**10 year:** 6.00

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	98.80	4639.20	0.20
2/18/1997	96.80	4641.20	2.00
2/24/1998	93.30	4644.70	3.50
2/27/1999	93.20	4644.80	0.10
2/20/2000	92.20	4645.80	1.00
3/7/2001	93.50	4644.50	-1.30
2/28/2002	93.10	4644.90	0.40
2/22/2003	92.60	4645.40	0.50
3/2/2004	92.00	4646.00	0.60
3/2/2005	91.80	4646.20	0.20
2/20/2006	92.80	4645.20	-1.00

**All Historic Measurements**



### SOUTHERN HIGH PLAINS

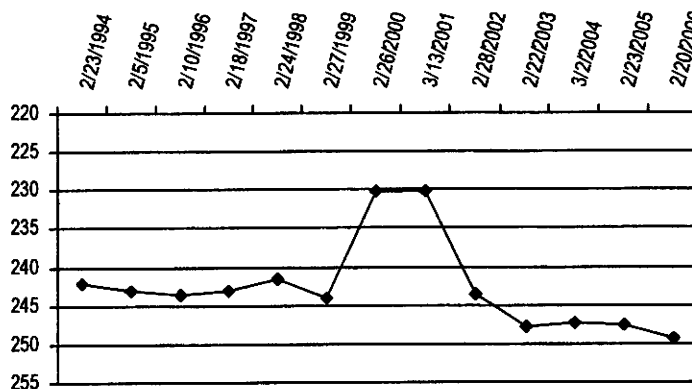
**Well Name:** SC03105007ACC **Owner:** US FOREST SERVICE  
**Permit #:** 115545 - **Location #:** SC03105007ACC **USGS Site ID:**  
**Division:** 2 **Water District:** 67 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
 NE SW SW 7 31 S 50 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4136465.0 **Easting (UTM x):** 670348.8 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.359278 -103.076462

**Surface Elevation (ft):** 5193 **Water Level Change**  
**Well depth (ft):** 250 **1 year:** -1.70  
**Aquifer(s):** DAKOTA **5 year:** -19.10  
 CHEYENNE **10 year:** -5.80

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	243.50	4949.50	-0.30
2/18/1997	243.00	4950.00	0.50
2/24/1998	241.70	4951.30	1.30
2/27/1999	244.20	4948.80	-2.50
2/26/2000	230.20	4962.80	14.00
3/13/2001	230.20	4962.80	0.00
2/28/2002	243.50	4949.50	-13.30
2/22/2003	247.80	4945.20	-4.30
3/2/2004	247.20	4945.80	0.60
2/23/2005	247.60	4945.40	-0.40
2/20/2006	249.30	4943.70	-1.70

**All Historic Measurements**



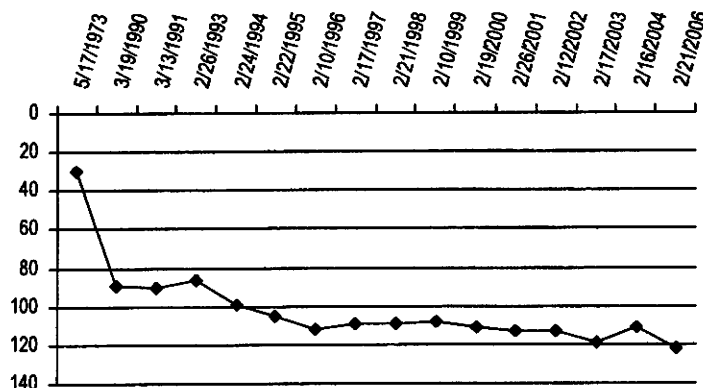
**Well Name:** SC03204105ABB **Owner:** HUME, J.  
**Permit #:** 17144 - F - **Location #:** SC03204105ABB **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
 NE NW NW 5 32 S 41 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4131579.8 **Easting (UTM x):** 759942.4 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.294537 -102.067505

**Surface Elevation (ft):** 3681 **Water Level Change**  
**Well depth (ft):** 450 **1 year:** -8.70  
**Aquifer(s):** DOCKUM **5 year:** -8.70  
**10 year:** -9.60

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	112.40	3568.60	-7.40
2/17/1997	108.90	3572.10	3.50
2/21/1998	108.80	3572.20	0.10
2/10/1999	108.40	3572.60	0.40
2/19/2000	110.80	3570.20	-2.40
2/26/2001	113.30	3567.70	-2.50
2/12/2002	113.10	3567.90	0.20
2/17/2003	119.00	3562.00	-5.90
2/16/2004	111.20	3569.80	7.80
2/21/2006	122.00	3559.00	-10.80

**All Historic Measurements**





**SOUTHERN HIGH PLAINS**

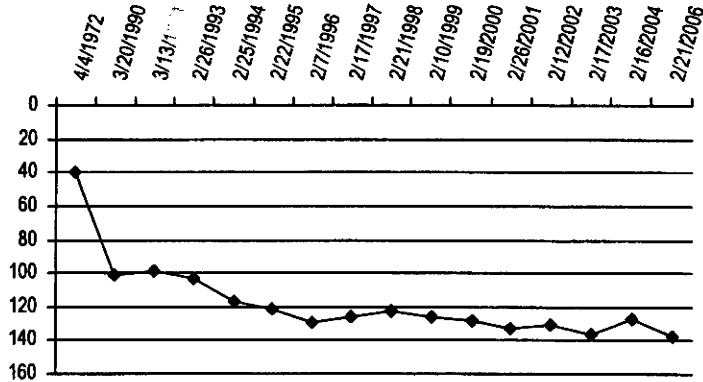
**Well Name:** SC03204105BCC **Owner:** HUME,J.  
**Permit #:** 1F987 - F - **Location #:** SC03204105BCC **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
 NW SW SW 5 32 S 41 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4130751.8 **Easting (UTM x):** 759158.4 GPS  
**Latitude/Longitude (decimal degrees):** 37.287302 -102.076628

**Surface Elevation (ft):** 3692 **Water Level Change**  
**Well depth (ft):** 462 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -5.00  
**10 year:** -8.00

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	129.50	3562.50	-8.00
2/17/1997	125.80	3566.20	3.70
2/21/1998	123.00	3569.00	2.80
2/10/1999	126.50	3565.50	-3.50
2/19/2000	128.60	3563.40	-2.10
2/26/2001	132.50	3559.50	-3.90
2/12/2002	130.30	3561.70	2.20
2/17/2003	136.30	3555.70	-6.00
2/16/2004	127.50	3564.50	8.80
2/21/2006	137.50	3554.50	-10.00

**All Historic Measurements**



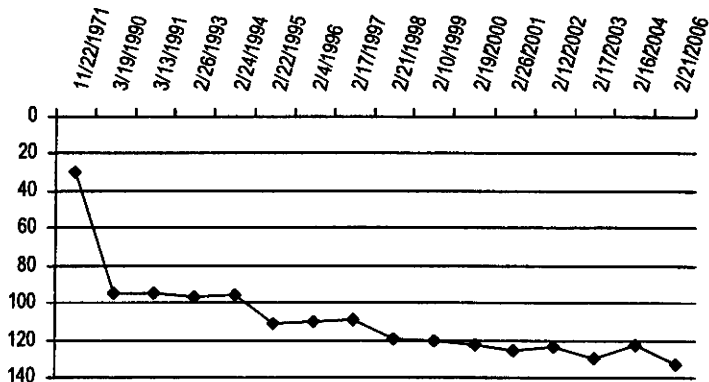
**Well Name:** SC03204106ABC **Owner:** HUME,J.  
**Permit #:** 15906 - F - **Location #:** SC03204106ABC **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
 NE NW SW 6 32 S 41 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4131310.8 **Easting (UTM x):** 758336.4 GPS  
**Latitude/Longitude (decimal degrees):** 37.292563 -102.085695

**Surface Elevation (ft):** 3699 **Water Level Change**  
**Well depth (ft):** 402 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -7.00  
**10 year:** -22.80

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/4/1996	109.80	3589.20	1.40
2/17/1997	108.80	3590.20	1.00
2/21/1998	119.90	3579.10	-11.10
2/10/1999	119.95	3579.05	-0.05
2/19/2000	122.00	3577.00	-2.05
2/26/2001	125.60	3573.40	-3.60
2/12/2002	123.90	3575.10	1.70
2/17/2003	129.80	3569.20	-5.90
2/16/2004	122.50	3576.50	7.30
2/21/2006	132.60	3566.40	-10.10

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

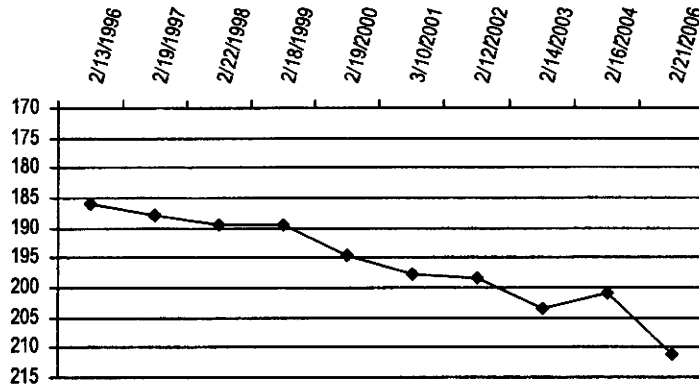
**Well Name:** SC03204204BC **Owner:** Trahern, Edith  
**Permit #:** 1167Z - F - **Location #:** SC03204204BC **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW SW 4 32 S 42 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4130806.7 **Easting (UTM x):** 747022.2 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.291097 -102.213357

**Surface Elevation (ft):** 0 **Water Level Change**  
**Well depth (ft):** 357 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -13.40  
**10 year:** -25.30

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/13/1996	185.90	-185.90	
2/19/1997	187.90	-187.90	-2.00
2/22/1998	189.50	-189.50	-1.60
2/18/1999	189.50	-189.50	0.00
2/19/2000	194.70	-194.70	-5.20
3/10/2001	197.80	-197.80	-3.10
2/12/2002	198.50	-198.50	-0.70
2/14/2003	203.50	-203.50	-5.00
2/16/2004	201.00	-201.00	2.50
2/21/2006	211.20	-211.20	-10.20

### All Historic Measurements



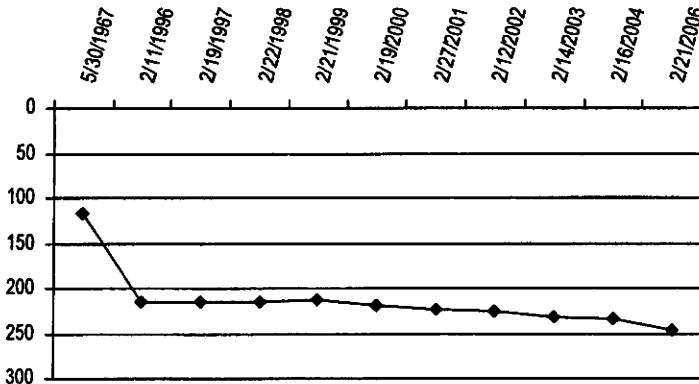
**Well Name:** SC03204206AAA **Owner:** SMITH, NORM & MAXINE  
**Permit #:** 30985 - - **Location #:** SC03204206AAA **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NE NE NE 6 32 S 42 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4131233.7 **Easting (UTM x):** 749280.3 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.294340 -102.187769

**Surface Elevation (ft):** 3810 **Water Level Change**  
**Well depth (ft):** 270 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -23.80  
**10 year:** -32.60

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	213.90	3596.10	-95.90
2/19/1997	214.80	3595.20	-0.90
2/22/1998	215.95	3594.05	-1.15
2/21/1999	213.50	3596.50	2.45
2/19/2000	220.00	3590.00	-6.50
2/27/2001	222.70	3587.30	-2.70
2/12/2002	225.20	3584.80	-2.50
2/14/2003	231.10	3578.90	-5.90
2/16/2004	234.90	3575.10	-3.80
2/21/2006	246.50	3563.50	-11.60

### All Historic Measurements



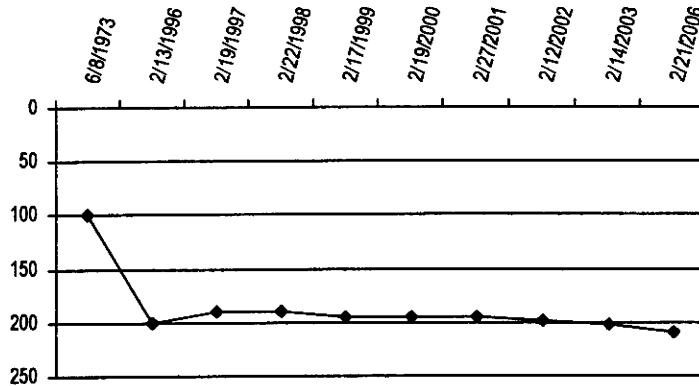
**SOUTHERN HIGH PLAINS**

**Well Name:** SC03204207CAC      **Owner:** MIDWEST ENTERPRISES  
**Permit #:** 17021 - F -      **Location #:** SC03204207CAC      **USGS Site ID:**  
**Division:** 2      **Water District:** 66      **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
                  SW NE SW 7 32 S 42 W S      **From N/S line:**      **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4127316.6      **Easting (UTM x):** 746321.2      **GPS**  
**Latitude/Longitude (decimal degrees):** 37.259861      -102.222412  
**Surface Elevation (ft):** 3828      **Water Level Change**  
**Well depth (ft):** 478      **1 year:**  
**Aquifer(s):** DOCKUM      **5 year:** -12.90  
    **10 year:** -8.60

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/13/1996	200.00	3628.00	-100.00
2/19/1997	189.00	3639.00	11.00
2/22/1998	190.40	3637.60	-1.40
2/17/1999	194.35	3633.65	-3.95
2/19/2000	195.60	3632.40	-1.25
2/27/2001	195.70	3632.30	-0.10
2/12/2002	199.00	3629.00	-3.30
2/14/2003	202.00	3626.00	-3.00
2/21/2006	208.60	3619.40	-6.60

**All Historic Measurements**

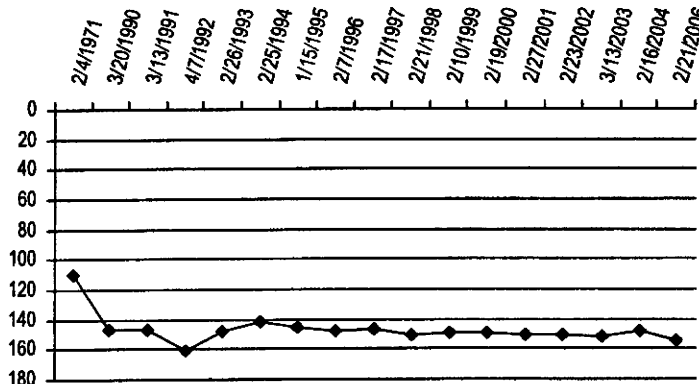


**Well Name:** SC03204235DCB      **Owner:** HUME, CHESNA  
**Permit #:** 13925 - F -      **Location #:** SC03204235DCB      **USGS Site ID:**  
**Division:** 2      **Water District:** 66      **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
                  SE SW NW 35 32 S 42 W S      **From N/S line:**      **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4122095.7      **Easting (UTM x):** 755377.4      **GPS**  
**Latitude/Longitude (decimal degrees):** 37.210419      -102.122197  
**Surface Elevation (ft):** 3759      **Water Level Change**  
**Well depth (ft):** 408      **1 year:**  
**Aquifer(s):** OGALLALA      **5 year:** -4.30  
    **10 year:** -6.80

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	147.90	3611.10	-2.40
2/17/1997	147.20	3611.80	0.70
2/21/1998	150.70	3608.30	-3.50
2/10/1999	148.90	3610.10	1.80
2/19/2000	149.00	3610.00	-0.10
2/27/2001	150.40	3608.60	-1.40
2/23/2002	150.10	3608.90	0.30
3/13/2003	151.80	3607.20	-1.70
2/16/2004	148.30	3610.70	3.50
2/21/2006	154.70	3604.30	-6.40

**All Historic Measurements**



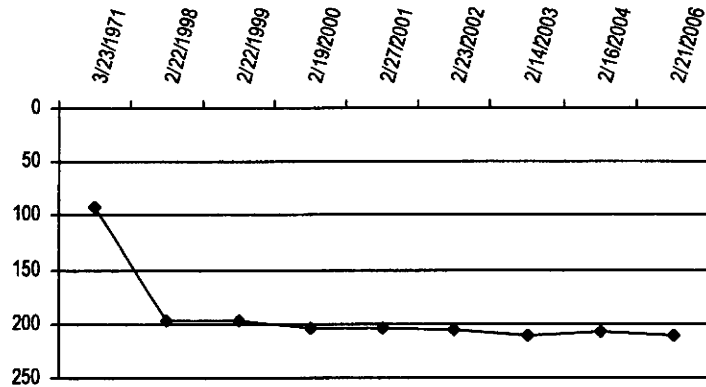
**SOUTHERN HIGH PLAINS**

**Well Name:** SC03204301ABB **Owner:** WRIGHT, WM. F. & FERN  
**Permit #:** 15349 - F - **Location #:** SC03204301ABB **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section: 1 Twnshp: 32 S Range: 43 W S PM Distance from section lines:  
 NE NW NW 1 32 S 43 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4130806.7 **Easting (UTM x):** 747035.2 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.291094 -102.213211  
**Surface Elevation (ft):** 3842 **Water Level Change**  
**Well depth (ft):** 436 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -7.90  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/22/1998	196.90	3645.10	-103.90
2/22/1999	197.00	3645.00	-0.10
2/19/2000	203.40	3638.60	-6.40
2/27/2001	203.30	3638.70	0.10
2/23/2002	205.10	3636.90	-1.80
2/14/2003	210.30	3631.70	-5.20
2/16/2004	207.90	3634.10	2.40
2/21/2006	211.20	3630.80	-3.30

**All Historic Measurements**

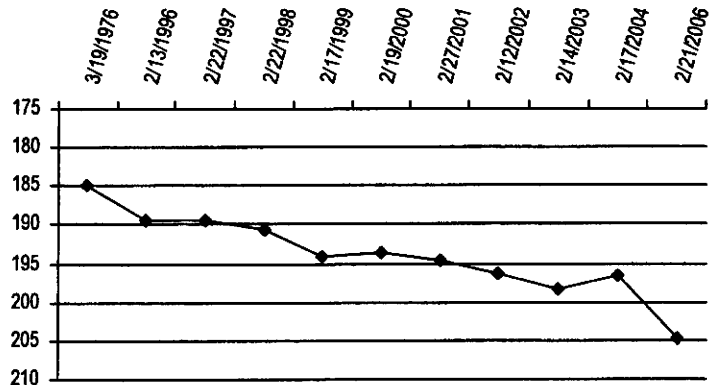


**Well Name:** SC03204312CDC **Owner:** JIM BURHN  
**Permit #:** 20402 - F - **Location #:** SC03204312CDC **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section: 12 Twnshp: 32 S Range: 43 W S PM Distance from section lines:  
 SW SE SW 12 32 S 43 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4131232.7 **Easting (UTM x):** 749279.3 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.294331 -102.187781  
**Surface Elevation (ft):** 3838 **Water Level Change**  
**Well depth (ft):** 555 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -10.20  
**10 year:** -15.20

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/13/1996	189.50	3648.50	-4.50
2/22/1997	189.30	3648.70	0.20
2/22/1998	190.70	3647.30	-1.40
2/17/1999	194.10	3643.90	-3.40
2/19/2000	193.50	3644.50	0.60
2/27/2001	194.50	3643.50	-1.00
2/12/2002	196.40	3641.60	-1.90
2/14/2003	198.40	3639.60	-2.00
2/17/2004	196.50	3641.50	1.90
2/21/2006	204.70	3633.30	-8.20

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

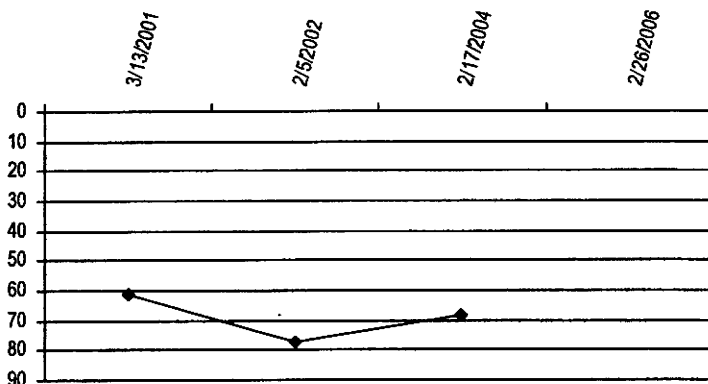
**Well Name:** SC03204404CC **Owner:** KONKELL FEEDLOT  
**Permit #:** 18391 - F - **Location #:** SC03204404CC **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW NW 4 32 S 44 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4130778.6 Easting (UTM x): 732983.0 GPS  
**Latitude/Longitude (decimal degrees):** 37.294467 -102.371585

**Surface Elevation (ft):** **Water Level Change**  
**Well depth (ft):** 135 **1 year:**  
**Aquifer(s):** OGALLALA **5 year:**  
**10 year:**

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/13/2001	61.40		
2/5/2002	77.10		-15.70
2/17/2004	68.00		9.10
2/26/2006			

### All Historic Measurements



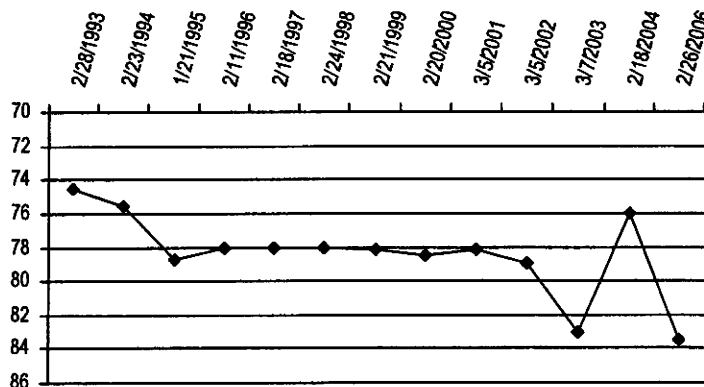
**Well Name:** SC03204407DCC **Owner:** COGBURN-HARDY FARMS  
**Permit #:** - - **Location #:** SC03204407DCC **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SE SW SW 7 32 S 44 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4127511.6 Easting (UTM x): 729647.0 GPS  
**Latitude/Longitude (decimal degrees):** 37.265878 -102.410194

**Surface Elevation (ft):** 4167 **Water Level Change**  
**Well depth (ft):** 0 **1 year:**  
**Aquifer(s):** OGALLALA **5 year:** -5.30  
**10 year:** -5.50

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	78.00	4089.00	0.70
2/18/1997	78.01	4088.99	-0.01
2/24/1998	78.00	4089.00	0.01
2/21/1999	78.15	4088.85	-0.15
2/20/2000	78.50	4088.50	-0.35
3/5/2001	78.20	4088.80	0.30
3/5/2002	79.00	4088.00	-0.80
3/7/2003	83.00	4084.00	-4.00
2/18/2004	76.00	4091.00	7.00
2/26/2006	83.50	4083.50	-7.50

### All Historic Measurements



**SOUTHERN HIGH PLAINS**

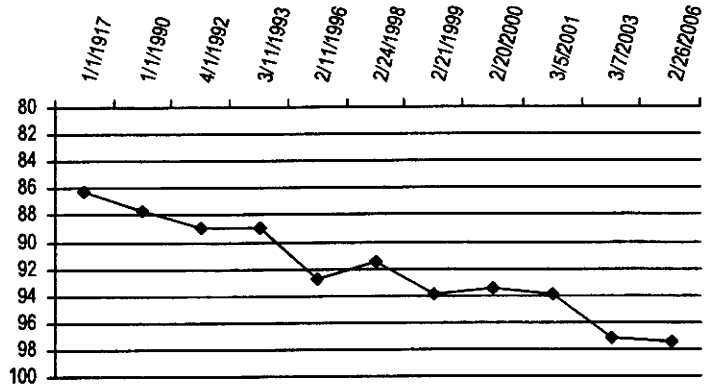
<b>Well Name: SC03204512CCC</b>		<i>Owner:</i> TURNER		
<i>Permit #:</i> 10704 - F -	<i>Location #:</i> SC03204512CCC	<i>USGS Site ID:</i>		
<i>Division:</i> 2	<i>Water District:</i> 66	<i>County:</i> BACA		
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp	Range	PM Distance from section lines:
	SW SW SW 12	32 S	45 W S	<i>From N/S line:</i> <i>From EW line:</i>
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y):</i> 4127422.6	<i>Easting (UTM x):</i> 726919.9	GPS	
<i>Latitude/Longitude (decimal degrees):</i>	37.265745		-102.440947	

<i>Surface Elevation (ft):</i> 4206	<b>Water Level Change</b>
<i>Well depth (ft):</i> 100	<b>1 year:</b>
<i>Aquifer(s):</i> OGALLALA	<b>5 year:</b> -3.60
	<b>10 year:</b> -4.80

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	92.70	4113.30	-3.80
2/24/1998	91.50	4114.50	1.20
2/21/1999	93.95	4112.05	-2.45
2/20/2000	93.50	4112.50	0.45
3/5/2001	93.90	4112.10	-0.40
3/7/2003	97.10	4108.90	-3.20
2/26/2006	97.50	4108.50	-0.40

**All Historic Measurements**



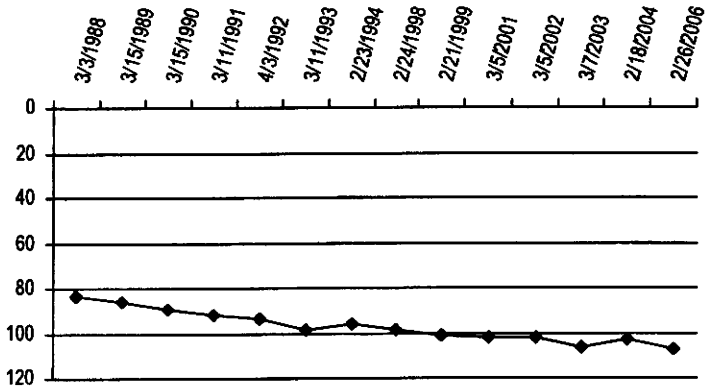
<b>Well Name: SC03204513BCB</b>		<i>Owner:</i> HUME, TIM		
<i>Permit #:</i> 17551 - -	<i>Location #:</i> SC03204513BCB	<i>USGS Site ID:</i>		
<i>Division:</i> 2	<i>Water District:</i> 66	<i>County:</i> BACA		
<i>Location:</i>	Q160 Q40 Q10 Section	Twnshp	Range	PM Distance from section lines:
	NW SW NW 13	32 S	45 W S	<i>From N/S line:</i> <i>From EW line:</i>
<i>UTM Coordinates (NAD83):</i>	<i>Northing (UTM y):</i> 4126823.6	<i>Easting (UTM x):</i> 726926.9	GPS	
<i>Latitude/Longitude (decimal degrees):</i>	37.260349		-102.441051	

<i>Surface Elevation (ft):</i> 4221	<b>Water Level Change</b>
<i>Well depth (ft):</i> 180	<b>1 year:</b>
<i>Aquifer(s):</i> OGALLALA	<b>5 year:</b> -5.30
	<b>10 year:</b>

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/24/1998	98.40	4122.60	-2.60
2/21/1999	101.10	4119.90	-2.70
3/5/2001	102.00	4119.00	-0.90
3/5/2002	102.30	4118.70	-0.30
3/7/2003	106.20	4114.80	-3.90
2/18/2004	103.00	4118.00	3.20
2/26/2006	107.30	4113.70	-4.30

**All Historic Measurements**



**SOUTHERN HIGH PLAINS**

**Well Name:** SC03204519CB

**Owner:** LMS

**Permit #:** 5344 - F -

**Location #:** SC03204519DD

**USGS Site ID:**

**Division:** 2      **Water District:** 66      **County:** BACA  
**Location:** Q160 Q40 Q10    **Section**    **Twnshp**    **Range**    **PM**    **Distance from section lines:**  
                                  SE SE            19        32 S        45 W S        **From N/S line:**                    **From EW line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4123923.6    **Easting (UTM x):** 718321.8    GPS  
**Latitude/Longitude (decimal degrees):** 37.236290                    -102.538853

**Surface Elevation (ft):**

**Well depth (ft):** 220

**Aquifer(s):** OGALLALA

**Water Level Change**

**1 year:**

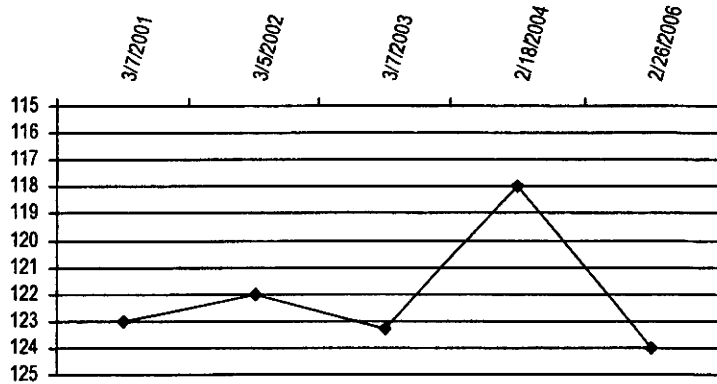
**5 year:** -1.00

**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/7/2001	123.00		
3/5/2002	122.00		1.00
3/7/2003	123.30		-1.30
2/18/2004	118.00		5.30
2/26/2006	124.00		-6.00

**All Historic Measurements**



**Well Name:** SC03204609AAD

**Owner:** CRANE, W.

**Permit #:** 11187 - F -

**Location #:** SC03204609AAD

**USGS Site ID:**

**Division:** 2      **Water District:** 66      **County:** BACA  
**Location:** Q160 Q40 Q10    **Section**    **Twnshp**    **Range**    **PM**    **Distance from section lines:**  
                                  NE NE SE        9        32 S        46 W S        **From N/S line:**                    **From EW line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4128197.7    **Easting (UTM x):** 713026.8    GPS  
**Latitude/Longitude (decimal degrees):** 37.276007                    -102.597272

**Surface Elevation (ft):** 4404

**Well depth (ft):** 400

**Aquifer(s):** DAKOTA  
 CHEYENNE

**Water Level Change**

**1 year:**

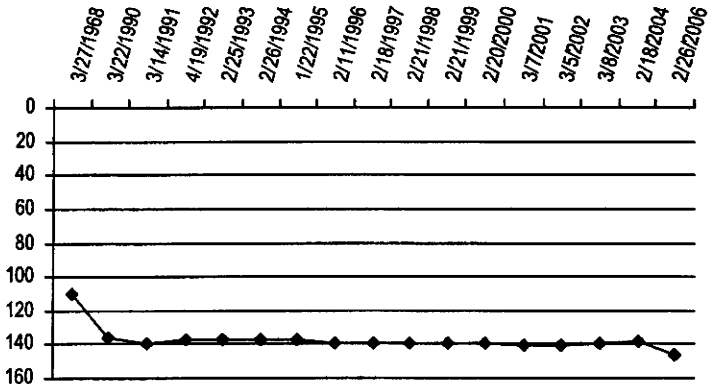
**5 year:** -5.50

**10 year:** -6.50

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/11/1996	139.70	4264.30	-2.90
2/18/1997	139.60	4264.40	0.10
2/21/1998	139.95	4264.05	-0.35
2/21/1999	139.95	4264.05	0.00
2/20/2000	139.80	4264.20	0.15
3/7/2001	140.70	4263.30	-0.90
3/5/2002	141.10	4262.90	-0.40
3/8/2003	139.30	4264.70	1.80
2/18/2004	139.00	4265.00	0.30
2/26/2006	146.20	4257.80	-7.20

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

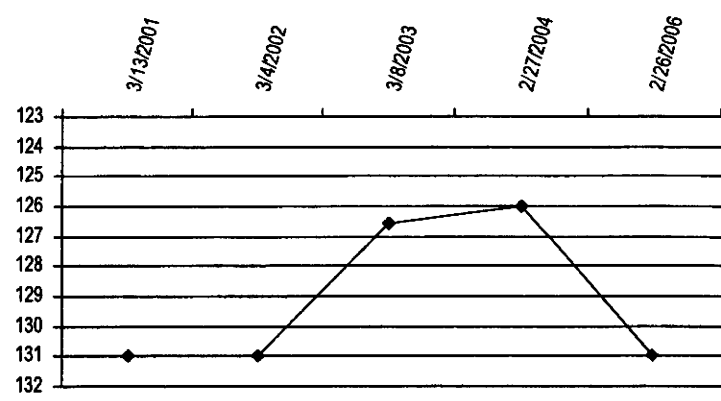
**Well Name:** SC03204732CD **Owner:**  
**Permit #:** - - **Location #:** SC03204732CD **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SW SE 32 32 S 47 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4115199.5 **Easting (UTM x):** 703082.7 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.161158 -102.712887

**Surface Elevation (ft):** **Water Level Change**  
**Well depth (ft):** 270 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** 0.00  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/13/2001	131.00		
3/4/2002	131.00		0.00
3/8/2003	126.60		4.40
2/27/2004	126.00		0.60
2/26/2006	131.00		-5.00

**All Historic Measurements**



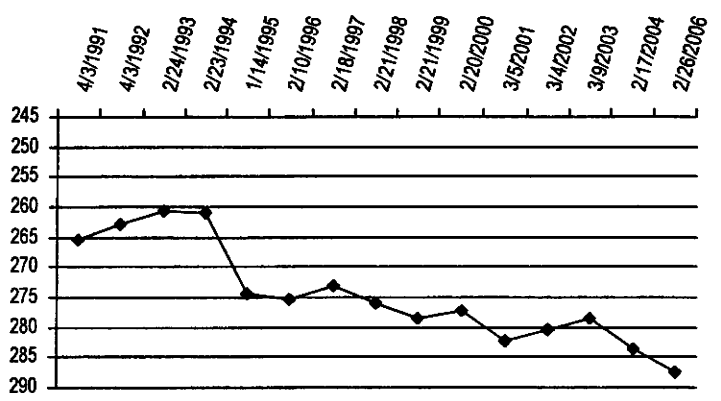
**Well Name:** SC03204835BCC **Owner:** SCHALLER CHAS.  
**Permit #:** 5514 - F - **Location #:** SC03204835BCC **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW SW SW 35 32 S 48 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4121150.7 **Easting (UTM x):** 695552.7 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.216368 -102.796074

**Surface Elevation (ft):** 4663 **Water Level Change**  
**Well depth (ft):** 496 **1 year:**  
**Aquifer(s):** CHEYENNE **5 year:** -5.03  
**10 year:** -12.13

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	275.30	4387.70	-0.80
2/18/1997	273.00	4390.00	2.30
2/21/1998	276.00	4387.00	-3.00
2/21/1999	278.50	4384.50	-2.50
2/20/2000	277.10	4385.90	1.40
3/5/2001	282.40	4380.60	-5.30
3/4/2002	280.30	4382.70	2.10
3/9/2003	278.60	4384.40	1.70
2/17/2004	283.70	4379.30	-5.10
2/26/2006	287.43	4375.57	-3.73

**All Historic Measurements**





### SOUTHERN HIGH PLAINS

**Well Name:** SC03  
**Permit #:**

**12C 3B**  
F -

**Location #:** SC03304212CBB

**Owner:** HUME, CHESNA

**USGS Site ID:**

**Division:**

**Water District:** 66

**County:** BACA

**Location:**

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
SW NW NW 12 33 S 42 W S From N/S line: From E/W line:

**UTM Coordinates (NAD83):** Northing (UTM y): 4119209.6 Easting (UTM x): 756273.4 GPS

**Latitude/Longitude (decimal degrees):** 37.184192 -102.113102

**Surface Elevation (ft):** 3755

**Well depth (ft):** 407

**Aquifer(s):** OGALLALA  
DOCKUM

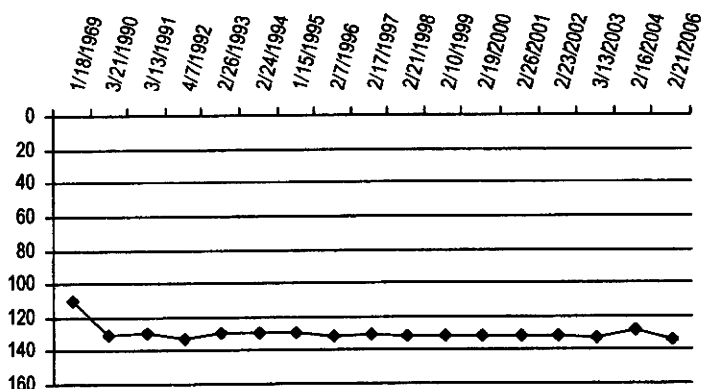
**Water Level Change**

**1 year:**  
**5 year:** -1.40  
**10 year:** -1.80

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	131.60	3623.40	-1.80
2/17/1997	130.70	3624.30	0.90
2/21/1998	131.40	3623.60	-0.70
2/10/1999	131.20	3623.80	0.20
2/19/2000	131.50	3623.50	-0.30
2/26/2001	132.00	3623.00	-0.50
2/23/2002	131.70	3623.30	0.30
3/13/2003	132.30	3622.70	-0.60
2/16/2004	128.30	3626.70	4.00
2/21/2006	133.40	3621.60	-5.10

**All Historic Measurements**



**Well Name:** SC03304313DBB  
**Permit #:** 21235 - F -

**Location #:** SC03304313DBB

**Owner:** MIDWAY TRUST

**USGS Site ID:**

**Division:** 2

**Water District:** 66

**County:** BACA

**Location:**

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
SE NW NW 13 33 S 43 W S From N/S line: From E/W line:

**UTM Coordinates (NAD83):** Northing (UTM y): 4116841.5 Easting (UTM x): 747450.3 GPS

**Latitude/Longitude (decimal degrees):** 37.165250 -102.213168

**Surface Elevation (ft):** 3880

**Well depth (ft):** 420

**Aquifer(s):** DOCKUM

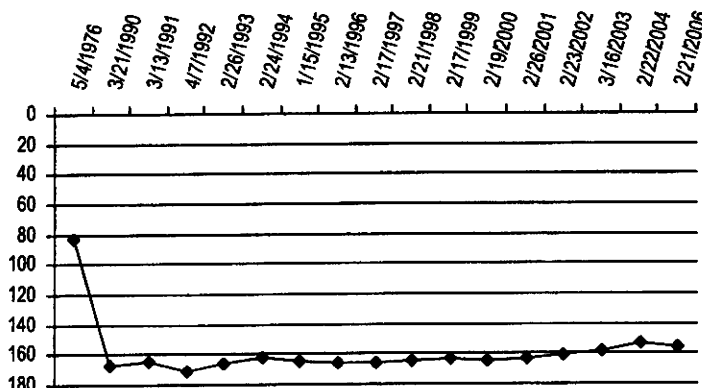
**Water Level Change**

**1 year:**  
**5 year:** 8.10  
**10 year:** 10.60

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/13/1996	166.00	3714.00	-1.60
2/17/1997	165.40	3714.60	0.60
2/21/1998	164.70	3715.30	0.70
2/17/1999	163.50	3716.50	1.20
2/19/2000	164.50	3715.50	-1.00
2/26/2001	163.50	3716.50	1.00
2/23/2002	160.50	3719.50	3.00
3/16/2003	158.40	3721.60	2.10
2/22/2004	153.00	3727.00	5.40
2/21/2006	155.40	3724.60	-2.40

**All Historic Measurements**



**SOUTHERN HIGH PLAINS**

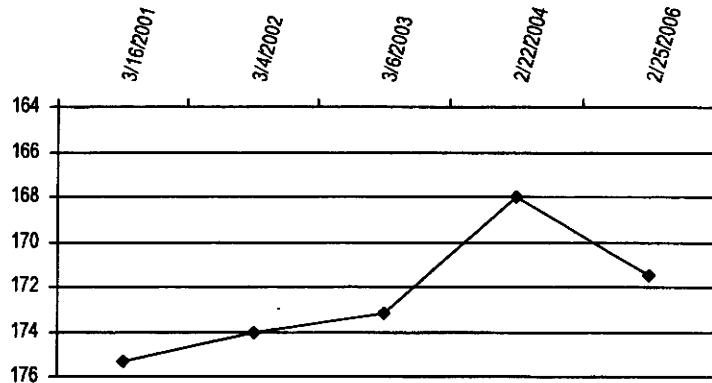
**Well Name:** SC03304319DA **Owner:**  
**Permit #:** 11026 - F - **Location #:** SC03304319DA **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
SE NE 19 33 S 43 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4115647.5 **Easting (UTM x):** 740212.2 GPS  
**Latitude/Longitude (decimal degrees):** 37.156387 -102.294984

**Surface Elevation (ft):** **Water Level Change**  
**Well depth (ft):** 260 **1 year:**  
**Aquifer(s):** **5 year:** 3.80  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/16/2001	175.30		
3/4/2002	174.00		1.30
3/6/2003	173.20		0.80
2/22/2004	168.00		5.20
2/25/2006	171.50		-3.50

**All Historic Measurements**



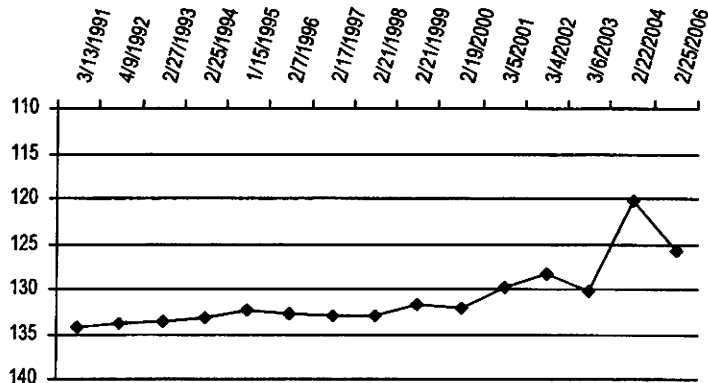
**Well Name:** SC03304417CBA **Owner:** U.S.FOREST SERVICE  
**Permit #:** 128624 - P - **Location #:** SC03304417CBA **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
SW NW NE 17 33 S 44 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4116908.5 **Easting (UTM x):** 729723.0 GPS  
**Latitude/Longitude (decimal degrees):** 37.170379 -102.412603

**Surface Elevation (ft):** 4130 **Water Level Change**  
**Well depth (ft):** 240 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** 3.90  
**10 year:** 6.90

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	132.75	3997.25	-0.50
2/17/1997	133.05	3996.95	-0.30
2/21/1998	133.03	3996.97	0.02
2/21/1999	131.75	3998.25	1.28
2/19/2000	132.15	3997.85	-0.40
3/5/2001	129.75	4000.25	2.40
3/4/2002	128.35	4001.65	1.40
3/6/2003	130.15	3999.85	-1.80
2/22/2004	120.15	4009.85	10.00
2/25/2006	125.85	4004.15	-5.70

**All Historic Measurements**



**SOUTHERN HIGH P. VS**

**Well Name:** SC03304515CC  
**Permit #:**

**Owner:** US FOREST SERVICE  
**USGS Site ID:**

**Location #:** SC03304515DD

**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 **Section:** 15 **Twnshp:** 33 **Range:** 45 **PM:** S **Distance from section lines:**  
 SE SE **From N/S line:** **From E/W line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4116106.5 **Easting (UTM x):** 724549.9 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.164414 -102.471056

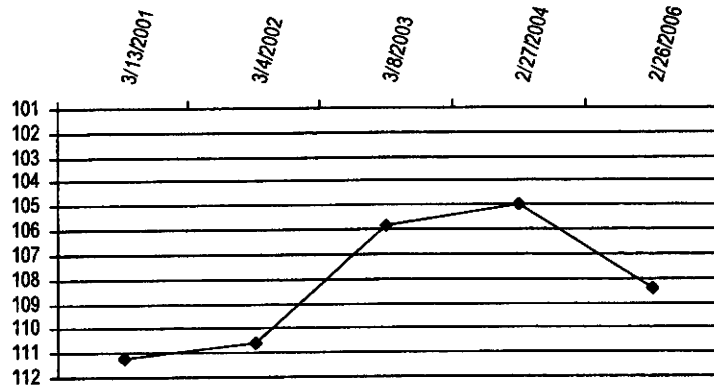
**Surface Elevation (ft):**  
**Well depth (ft):**  
**Aquifer(s):**

**Water Level Change**  
**1 year:**  
**5 year:** 2.80  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/13/2001	111.20		
3/4/2002	110.60		0.60
3/8/2003	105.80		4.80
2/27/2004	105.00		0.80
2/26/2006	108.40		-3.40

**All Historic Measurements**



**Well Name:** SC03304626BBB  
**Permit #:** 19813 - F -

**Owner:** FARMERS HOME ADMTN.  
**USGS Site ID:**

**Location #:** SC03304626BBB

**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 **Section:** 26 **Twnshp:** 33 **Range:** 46 **PM:** S **Distance from section lines:**  
 NW NW NW **From N/S line:** **From E/W line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4114077.5 **Easting (UTM x):** 715155.8 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.148351 -102.577351

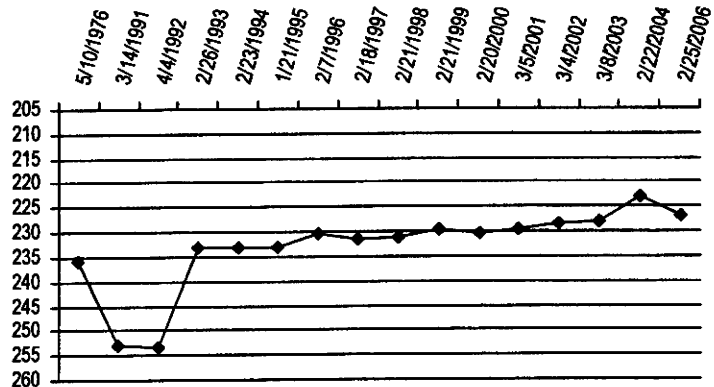
**Surface Elevation (ft):** 4340  
**Well depth (ft):** 380  
**Aquifer(s):** CHEYENNE

**Water Level Change**  
**1 year:**  
**5 year:** 2.60  
**10 year:** 3.30

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	230.20	4109.80	2.70
2/18/1997	231.60	4108.40	-1.40
2/21/1998	231.10	4108.90	0.50
2/21/1999	229.55	4110.45	1.55
2/20/2000	230.30	4109.70	-0.75
3/5/2001	229.50	4110.50	0.80
3/4/2002	228.30	4111.70	1.20
3/8/2003	228.20	4111.80	0.10
2/22/2004	222.90	4117.10	5.30
2/25/2006	226.90	4113.10	-4.00

**All Historic Measurements**



**SOUTHERN HIGH PLAINS**

**Well Name:** SC03304630BBB

**Owner:** O'MALLEY

**Permit #:** 20427 - F -

**Location #:** SC03304630BBB

**USGS Site ID:**

**Division:** 2

**Water District:** 66

**County:** BACA

**Location:** Q160 Q40 Q10 Section Twtnsh Range PM Distance from section lines:

NW NW NW 30 33 S 46 W S

From N/S line:

From E/W line:

**UTM Coordinates (NAD83):** Northing (UTM y): 4113809.5 Easting (UTM x): 708573.8 GPS

**Latitude/Longitude (decimal degrees):** 37.147429 -102.651481

**Surface Elevation (ft):** 4435

**Well depth (ft):** 535

**Aquifer(s):** DAKOTA  
CHEYENNE

**Water Level Change**

**1 year:**

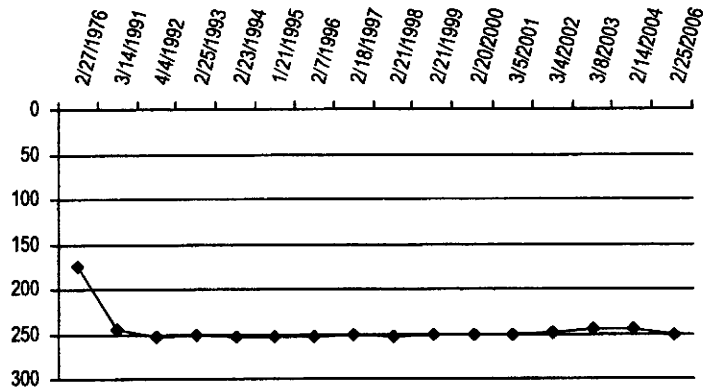
**5 year:** 0.60

**10 year:** 2.50

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	252.50	4182.50	0.00
2/18/1997	252.00	4183.00	0.50
2/21/1998	252.20	4182.80	-0.20
2/21/1999	252.00	4183.00	0.20
2/20/2000	251.30	4183.70	0.70
3/5/2001	250.60	4184.40	0.70
3/4/2002	249.80	4185.20	0.80
3/8/2003	245.10	4189.90	4.70
2/14/2004	244.90	4190.10	0.20
2/25/2006	250.00	4185.00	-5.10

**All Historic Measurements**



**Well Name:** SC03304721AB

**Owner:** US FOREST SERVICE

**Permit #:** 26299 - -

**Location #:** SC03304721AB

**USGS Site ID:**

**Division:** 2

**Water District:** 66

**County:** BACA

**Location:** Q160 Q40 Q10 Section Twtnsh Range PM Distance from section lines:

NE NW 21 33 S 47 W S

From N/S line:

From E/W line:

**UTM Coordinates (NAD83):** Northing (UTM y): 4113831.5 Easting (UTM x): 703744.7 GPS

**Latitude/Longitude (decimal degrees):** 37.148692 -102.705810

**Surface Elevation (ft):**

**Well depth (ft):** 310

**Aquifer(s):** OGALLALA

**Water Level Change**

**1 year:** 8.70

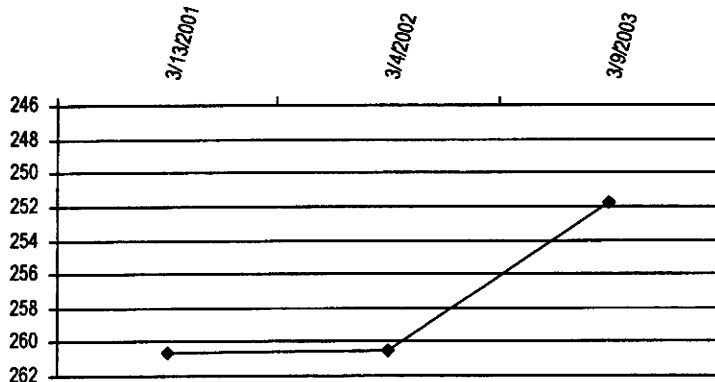
**5 year:**

**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/13/2001	260.60		
3/4/2002	260.50		0.10
3/9/2003	251.80		8.70

**All Historic Measurements**



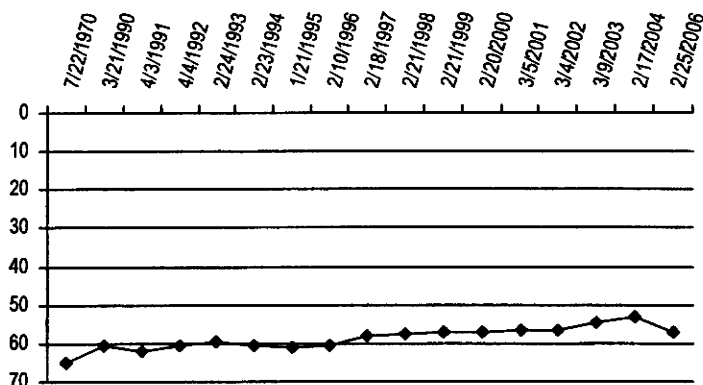
## SOUTHERN HIGH PLAINS

**Well Name:** SC03305006CAD **Owner:** NEILL, H. & B.  
**Permit #:** 15029 - F - **Location #:** SC03305006CAD **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section **Twnshp** Range **PM** Distance from section lines:  
 SW NE SE 6 33 S 50 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4118438.8 **Easting (UTM x):** 670616.6 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.196832 -103.077575  
**Surface Elevation (ft):** 5001 **Water Level Change**  
**Well depth (ft):** 140 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** -0.85  
 CHEYENNE **10 year:** 3.55

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	60.75	4940.25	0.30
2/18/1997	58.25	4942.75	2.50
2/21/1998	57.45	4943.55	0.80
2/21/1999	57.05	4943.95	0.40
2/20/2000	57.15	4943.85	-0.10
3/5/2001	56.35	4944.65	0.80
3/4/2002	56.35	4944.65	0.00
3/9/2003	54.50	4946.50	1.85
2/17/2004	53.25	4947.75	1.25
2/25/2006	57.20	4943.80	-3.95

### All Historic Measurements

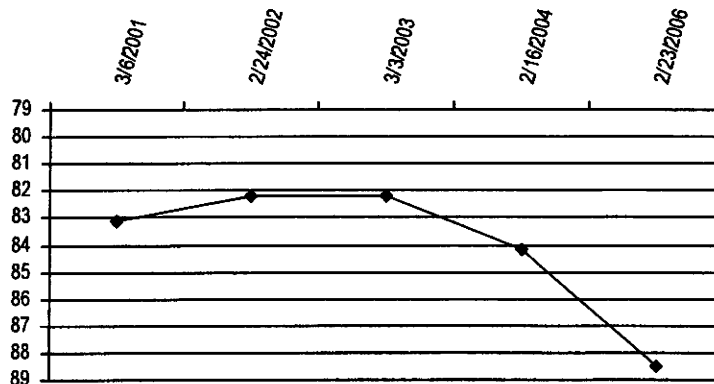


**Well Name:** SC03404122BB **Owner:** GARY & TIM WHITE  
**Permit #:** 23774 - F - **Location #:** SC03404122BB **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section **Twnshp** Range **PM** Distance from section lines:  
 NW NW 22 34 S 41 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4107649.5 **Easting (UTM x):** 762252.5 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.078465 -102.049875  
**Surface Elevation (ft):** **Water Level Change**  
**Well depth (ft):** 103 **1 year:**  
**Aquifer(s):** OGALLALA **5 year:** -5.40  
 DOCKUM **10 year:**

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/6/2001	83.10		
2/24/2002	82.20		0.90
3/3/2003	82.20		0.00
2/16/2004	84.20		-2.00
2/23/2006	88.50		-4.30

### All Historic Measurements



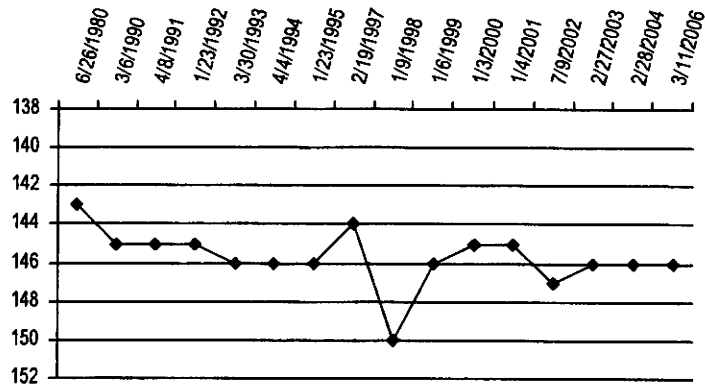
## SOUTHERN HIGH PLAINS

**Well Name:** SC03404205ADA1 **Owner:** COLO.INTRST.GAS  
**Permit #:** 112906 - - **Location #:** SC03404205ADA1 **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
NE SE NE 5 34 S 42 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4111405.7 **Easting (UTM x):** 750365.6 **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.115534 -102.182188  
**Surface Elevation (ft):** 3828 **Water Level Change**  
**Well depth (ft):** 0 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -1.00  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/19/1997	144.00	3684.00	2.00
1/9/1998	150.00	3678.00	-6.00
1/6/1999	146.00	3682.00	4.00
1/3/2000	145.00	3683.00	1.00
1/4/2001	145.00	3683.00	0.00
7/9/2002	147.00	3681.00	-2.00
2/27/2003	146.00	3682.00	1.00
2/28/2004	146.00	3682.00	0.00
3/11/2006	146.00	3682.00	0.00

**All Historic Measurements**

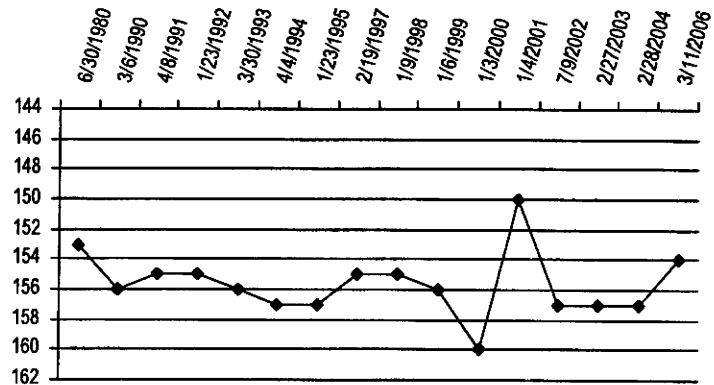


**Well Name:** SC03404205ADA2 **Owner:** COLO INTERST GAS  
**Permit #:** 112907 - - **Location #:** SC03404205ADA2 **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
NE SE NE 5 34 S 42 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4111405.7 **Easting (UTM x):** 750365.6 **Spotted from quarters**  
**Latitude/Longitude (decimal degrees):** 37.115534 -102.182188  
**Surface Elevation (ft):** 3826 **Water Level Change**  
**Well depth (ft):** 357 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -4.00  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/19/1997	155.00	3671.00	2.00
1/9/1998	155.00	3671.00	0.00
1/6/1999	156.00	3670.00	-1.00
1/3/2000	160.00	3666.00	-4.00
1/4/2001	150.00	3676.00	10.00
7/9/2002	157.00	3669.00	-7.00
2/27/2003	157.00	3669.00	0.00
2/28/2004	157.00	3669.00	0.00
3/11/2006	154.00	3672.00	3.00

**All Historic Measurements**



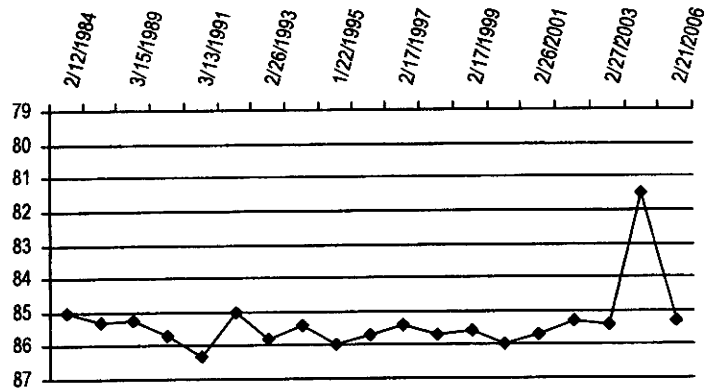
**SOUTHERN HIGH PLAINS**

**Well Name:** SC03404205DAD **Owner:** WRAY, P.&A.  
**Permit #:** 12368- **Location #:** SC03404205DAD **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Township Range PM Distance from section lines:  
 SE NE SE 5 34 S 42 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4110821.4 **Easting (UTM x):** 750249.3 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.110304 -102.183691  
**Surface Elevation (ft):** 3758 **Water Level Change**  
**Well depth (ft):** 150 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** 0.40  
**10 year:** 0.40

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	85.70	3672.30	0.30
2/17/1997	85.40	3672.60	0.30
2/21/1998	85.70	3672.30	-0.30
2/17/1999	85.60	3672.40	0.10
2/19/2000	86.00	3672.00	-0.40
2/26/2001	85.70	3672.30	0.30
2/23/2002	85.30	3672.70	0.40
2/27/2003	85.40	3672.60	-0.10
2/16/2004	81.50	3676.50	3.90
2/21/2006	85.30	3672.70	-3.80

**All Historic Measurements**

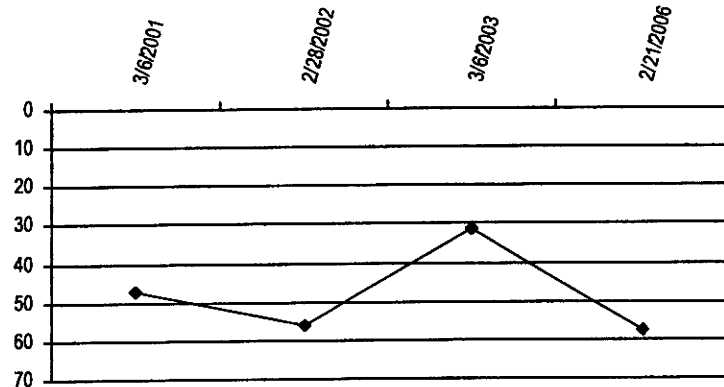


**Well Name:** SC03404221AB **Owner:** DAN WITCHER  
**Permit #:** 15807- **Location #:** SC03404221AB **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Township Range PM Distance from section lines:  
 NE NW 21 34 S 42 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4106654.4 **Easting (UTM x):** 751782.4 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.072376 -102.167855  
**Surface Elevation (ft):** **Water Level Change**  
**Well depth (ft):** **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -10.50  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/6/2001	47.00		
2/28/2002	56.20		-9.20
3/6/2003	31.50		24.70
2/21/2006	57.50		-26.00

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

**Well Name:** SC03404309DCC

**Owner:** ALLEY LAND & CAT.

**Permit #:** 3232 - F -

**Location #:** SC03404309DCC

**USGS Site ID:**

**Division:** 2      **Water District:** 67      **County:** BACA  
**Location:** Q160 Q40 Q10    **Section**    **Twnshp**    **Range**    **PM**    **Distance from section lines:**  
    SE SW SW    9      34    S      43    W    S      **From N/S line:**                      **From EW line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4148970.7    **Easting (UTM x):** 741170.1    GPS

**Latitude/Longitude (decimal degrees):** 37.456176                      -102.273388

**Surface Elevation (ft):** 3965

**Well depth (ft):** 365

**Aquifer(s):** DOCKUM

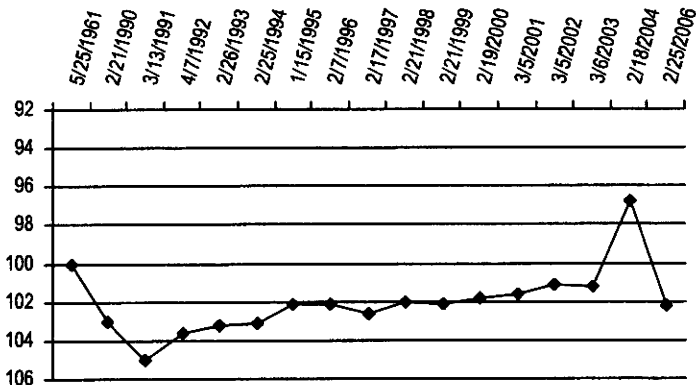
**Water Level Change**

**1 year:**  
**5 year:** -0.60  
**10 year:** -0.10

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	102.10	3862.90	0.00
2/17/1997	102.60	3862.40	-0.50
2/21/1998	102.00	3863.00	0.60
2/21/1999	102.15	3862.85	-0.15
2/19/2000	101.80	3863.20	0.35
3/5/2001	101.60	3863.40	0.20
3/5/2002	101.10	3863.90	0.50
3/6/2003	101.20	3863.80	-0.10
2/18/2004	96.80	3868.20	4.40
2/25/2006	102.20	3862.80	-5.40

**All Historic Measurements**



**Well Name:** SC03404320CCC

**Owner:** ALLEY LAND & CATTLE

**Permit #:** 29421 - -

**Location #:** SC03404320CCC

**USGS Site ID:**

**Division:** 2      **Water District:** 66      **County:** BACA  
**Location:** Q160 Q40 Q10    **Section**    **Twnshp**    **Range**    **PM**    **Distance from section lines:**  
    SW SW SW    20      34    S      43    W    S      **From N/S line:**                      **From EW line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4105113.3    **Easting (UTM x):** 739383.2    GPS

**Latitude/Longitude (decimal degrees):** 37.061747                      -102.307672

**Surface Elevation (ft):** 3863

**Well depth (ft):** 330

**Aquifer(s):** DOCKUM

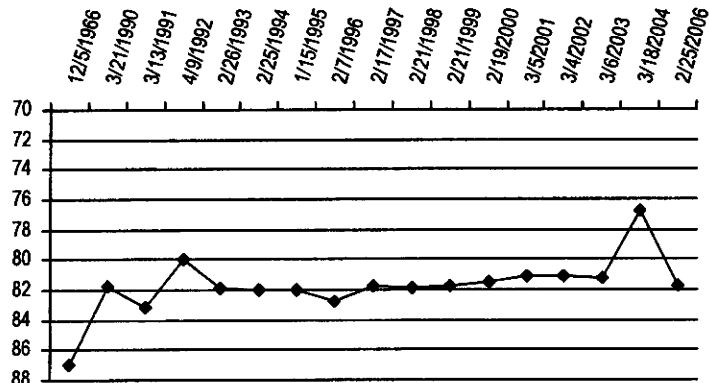
**Water Level Change**

**1 year:**  
**5 year:** -0.70  
**10 year:** 1.00

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	82.80	3780.20	-0.80
2/17/1997	81.80	3781.20	1.00
2/21/1998	81.90	3781.10	-0.10
2/21/1999	81.75	3781.25	0.15
2/19/2000	81.50	3781.50	0.25
3/5/2001	81.10	3781.90	0.40
3/4/2002	81.10	3781.90	0.00
3/6/2003	81.20	3781.80	-0.10
3/18/2004	76.80	3786.20	4.40
2/25/2006	81.80	3781.20	-5.00

**All Historic Measurements**





## SOUTHERN HIGH PLAINS

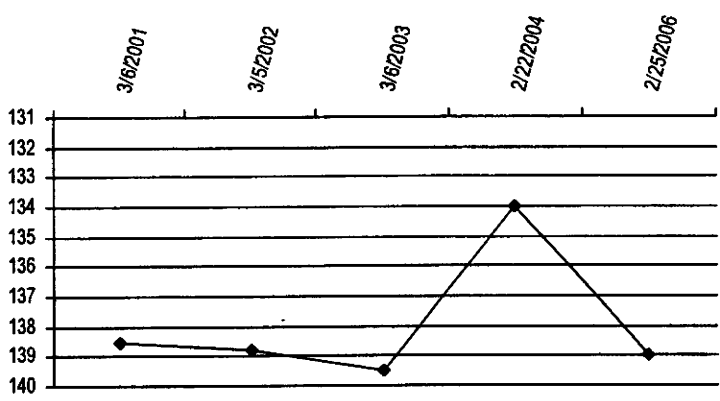
**Well Name:** SC03404414AB **Owner:**  
**Permit #:** 126618 - **Location #:** SC03404414AB **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
 NE NW 14 34 S 44 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4107264.4 **Easting (UTM x):** 735250.1 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.082163 -102.353438

**Surface Elevation (ft):** **Water Level Change**  
**Well depth (ft):** 230 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -0.50  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/6/2001	138.50		
3/5/2002	138.80		-0.30
3/6/2003	139.50		-0.70
2/22/2004	134.00		5.50
2/25/2006	139.00		-5.00

**All Historic Measurements**



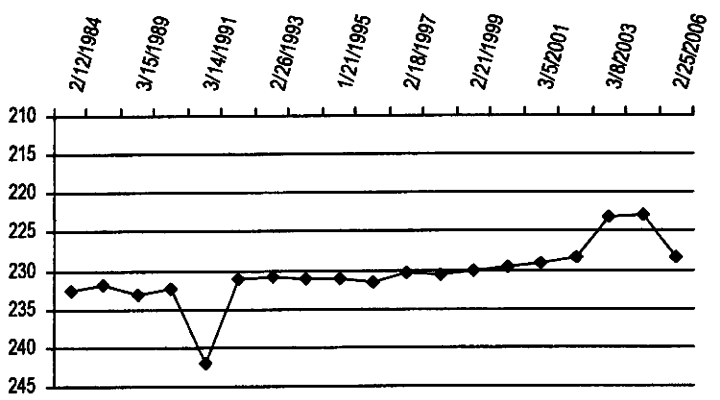
**Well Name:** SC03404508BBB **Owner:** HUME, M.&L.  
**Permit #:** - **Location #:** SC03404508BBB **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twtnshp Range PM Distance from section lines:  
 NW NW NW 8 34 S 45 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** **Northing (UTM y):** 4109368.4 **Easting (UTM x):** 719991.9 **GPS**  
**Latitude/Longitude (decimal degrees):** 37.104817 -102.524325

**Surface Elevation (ft):** 4273 **Water Level Change**  
**Well depth (ft):** 242 **1 year:**  
**Aquifer(s):** OGALLALA **5 year:** 0.70  
**10 year:** 3.10

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	231.50	4041.50	-0.50
2/18/1997	230.30	4042.70	1.20
2/21/1998	230.50	4042.50	-0.20
2/21/1999	230.20	4042.80	0.30
2/20/2000	229.50	4043.50	0.70
3/5/2001	229.10	4043.90	0.40
3/4/2002	228.30	4044.70	0.80
3/8/2003	223.20	4049.80	5.10
2/27/2004	223.00	4050.00	0.20
2/25/2006	228.40	4044.60	-5.40

**All Historic Measurements**



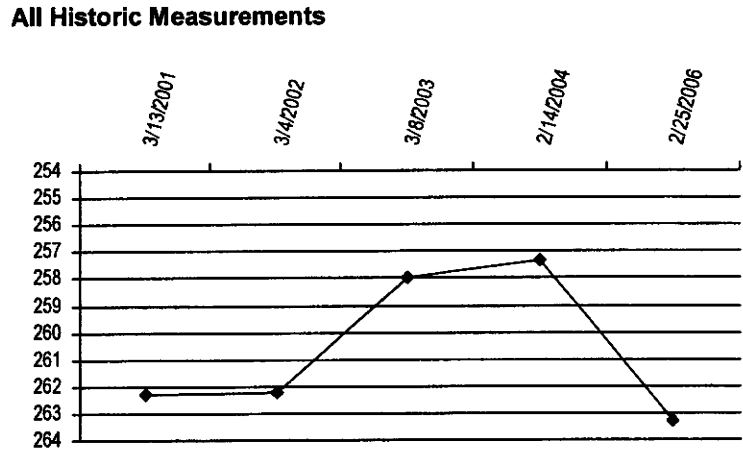
**SOUTHERN HIGH PLAINS**

**Well Name:** SC03404609DA **Owner:** JHONY REINER  
**Permit #:** 14185 - F - **Location #:** SC03404609DA **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SE NE 9 34 S 46 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4109041.4 Easting (UTM x): 714090.8 GPS  
**Latitude/Longitude (decimal degrees):** 37.103240 -102.590772

**Surface Elevation (ft):** **Water Level Change**  
**Well depth (ft):** 495 **1 year:**  
**Aquifer(s):** DOCKUM **5 year:** -1.00  
**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/13/2001	262.30		
3/4/2002	262.20		0.10
3/8/2003	258.00		4.20
2/14/2004	257.30		0.70
2/25/2006	263.30		-6.00

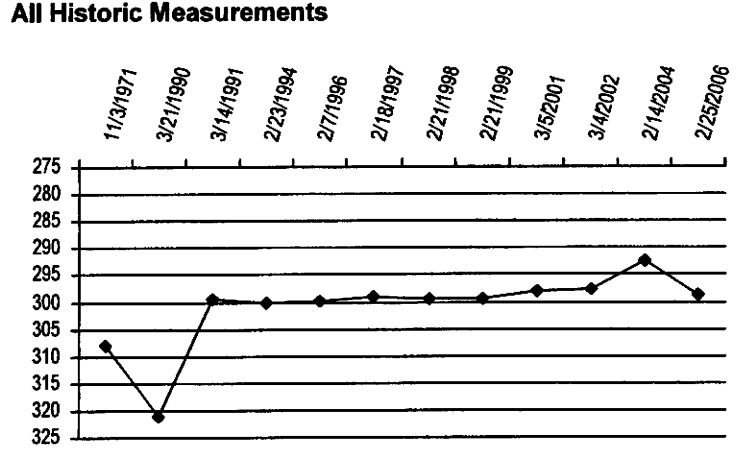


**Well Name:** SC03404715BAA **Owner:** ROGERS,C.& V.  
**Permit #:** 49691 - - **Location #:** SC03404715BAA **USGS Site ID:**  
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW NE NE 15 34 S 47 W S **From N/S line:** **From EW line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4107414.4 Easting (UTM x): 704691.7 GPS  
**Latitude/Longitude (decimal degrees):** 37.090687 -102.696907

**Surface Elevation (ft):** 4483 **Water Level Change**  
**Well depth (ft):** 345 **1 year:**  
**Aquifer(s):** CHEYENNE **5 year:** -0.40  
**10 year:** 1.30

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	299.90	4183.10	0.20
2/18/1997	299.10	4183.90	0.80
2/21/1998	299.30	4183.70	-0.20
2/21/1999	299.50	4183.50	-0.20
3/5/2001	298.20	4184.80	1.30
3/4/2002	297.80	4185.20	0.40
2/14/2004	292.50	4190.50	5.30
2/25/2006	298.60	4184.40	-6.10



**SOUTHERN HIGH PLAINS**

**Well Name: SC03404808BCC**

**Owner: US GOVERNMENT**

**Permit #: - -**

**Location #: SC03404808BCC**

**USGS Site ID:**

**Division:** 2                      **Water District:** 66                      **County:** BACA  
**Location:** Q160 Q40 Q10    **Section**    **Twnshp**    **Range**    **PM**    **Distance from section lines:**  
                   NW SW SW    8        34    S    48    W    S                      **From N/S line:**                      **From E/W line:**

**UTM Coordinates (NAD83):**    **Northing (UTM y):** 4108002.5    **Easting (UTM x):** 691188.6    **GPS**  
**Latitude/Longitude (decimal degrees):**    37.098837                      -102.848587

**Surface Elevation (ft):** 4587

**Well depth (ft):** 122

**Aquifer(s):** OGALLALA

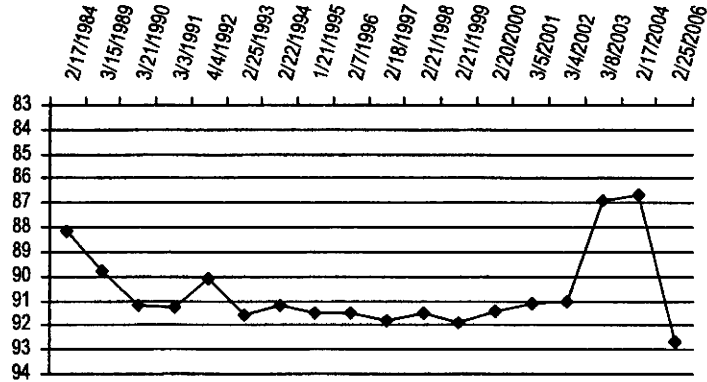
**Water Level Change**

**1 year:**  
**5 year:** -1.60  
**10 year:** -1.20

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	91.50	4495.50	0.00
2/18/1997	91.80	4495.20	-0.30
2/21/1998	91.50	4495.50	0.30
2/21/1999	91.90	4495.10	-0.40
2/20/2000	91.40	4495.60	0.50
3/5/2001	91.10	4495.90	0.30
3/4/2002	91.00	4496.00	0.10
3/8/2003	86.90	4500.10	4.10
2/17/2004	86.70	4500.30	0.20
2/25/2006	92.70	4494.30	-6.00

**All Historic Measurements**



**Well Name: SC03404826DDC**

**Owner: USDA FOREST SERV.**

**Permit #: - -**

**Location #: SC03404826DDC**

**USGS Site ID:**

**Division:** 2                      **Water District:** 66                      **County:** BACA  
**Location:** Q160 Q40 Q10    **Section**    **Twnshp**    **Range**    **PM**    **Distance from section lines:**  
                   SE SE SW    26        34    S    48    W    S                      **From N/S line:**                      **From E/W line:**

**UTM Coordinates (NAD83):**    **Northing (UTM y):** 4102717.4    **Easting (UTM x):** 697204.6    **GPS**  
**Latitude/Longitude (decimal degrees):**    37.049984                      -102.782322

**Surface Elevation (ft):** 4443

**Well depth (ft):** 0

**Aquifer(s):** DAKOTA

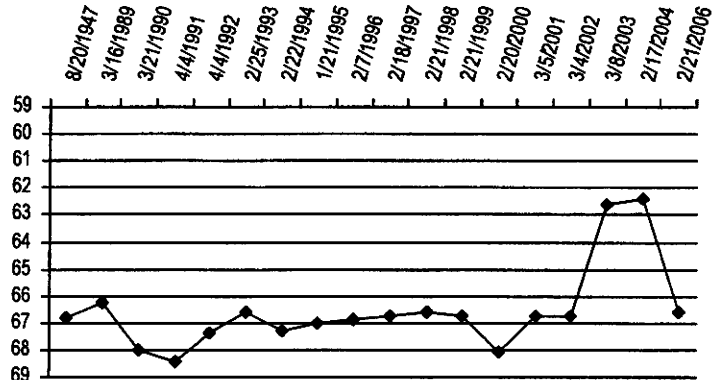
**Water Level Change**

**1 year:**  
**5 year:** 0.10  
**10 year:** 0.30

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	66.90	4376.10	0.10
2/18/1997	66.70	4376.30	0.20
2/21/1998	66.60	4376.40	0.10
2/21/1999	66.70	4376.30	-0.10
2/20/2000	68.10	4374.90	-1.40
3/5/2001	66.70	4376.30	1.40
3/4/2002	66.70	4376.30	0.00
3/8/2003	62.60	4380.40	4.10
2/17/2004	62.40	4380.60	0.20
2/21/2006	66.60	4376.40	-4.20

**All Historic Measurements**



**SOUTHERN HIGH PLAINS**

**Well Name:** SC03504104DD

**Owner:** KIM SWEARINGEN

**Permit #:** 49633 - F -

**Location #:** SC03504104DD

**USGS Site ID:**

**Division:** 2                      **Water District:** 66                      **County:** BACA

**Location:** Q160 Q40 Q10    **Section:**    **Twnshp:**    **Range:**    **PM:**    **Distance from section lines:**

SE SE                      4    35 S    41 W S    **From N/S line:**                      **From E/W line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4100991.3    **Easting (UTM x):** 762030.5    **GPS**

**Latitude/Longitude (decimal degrees):** 37.018588                      -102.054688

**Surface Elevation (ft):**

**Well depth (ft):** 175

**Aquifer(s):** DOCKUM

**Water Level Change**

**1 year:**

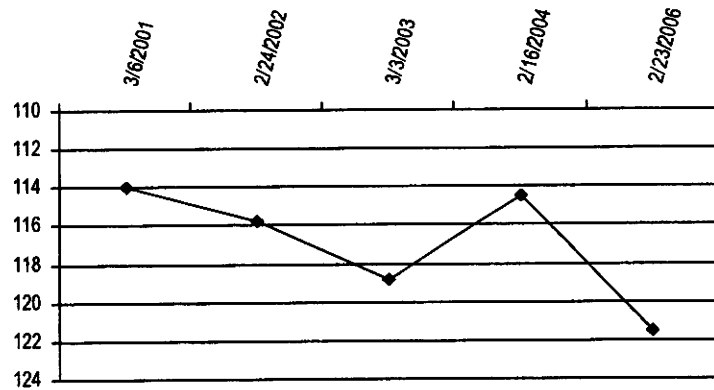
**5 year:** -7.50

**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/6/2001	114.00		
2/24/2002	115.80		-1.80
3/3/2003	118.80		-3.00
2/16/2004	114.50		4.30
2/23/2006	121.50		-7.00

**All Historic Measurements**



**Well Name:** SC03504306CD

**Owner:**

**Permit #:** 5333 - F -

**Location #:** SC03504306CD

**USGS Site ID:**

**Division:** 2                      **Water District:** 66                      **County:** BACA

**Location:** Q160 Q40 Q10    **Section:**    **Twnshp:**    **Range:**    **PM:**    **Distance from section lines:**

SW SE                      6    35 S    43 W S    **From N/S line:**                      **From E/W line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4100408.3    **Easting (UTM x):** 738380.2    **GPS**

**Latitude/Longitude (decimal degrees):** 37.019636                      -102.320432

**Surface Elevation (ft):**

**Well depth (ft):** 150

**Aquifer(s):** DOCKUM

**Water Level Change**

**1 year:**

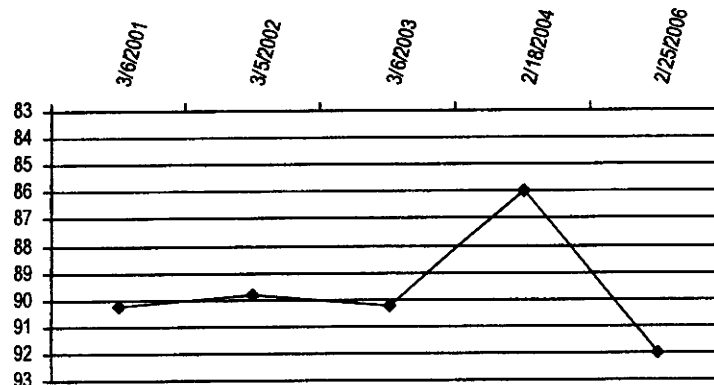
**5 year:** -1.80

**10 year:**

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/6/2001	90.20		
3/5/2002	89.80		0.40
3/6/2003	90.20		-0.40
2/18/2004	86.00		4.20
2/25/2006	92.00		-6.00

**All Historic Measurements**



**SOUTHERN HIGH PLAINS**

**Well Name:** SC03504510BCB  
**Permit #:** 127551 - -

**Location #:** SC03504510BCB

**Owner:** HALLENBACK, G.&M.  
**USGS Site ID:**

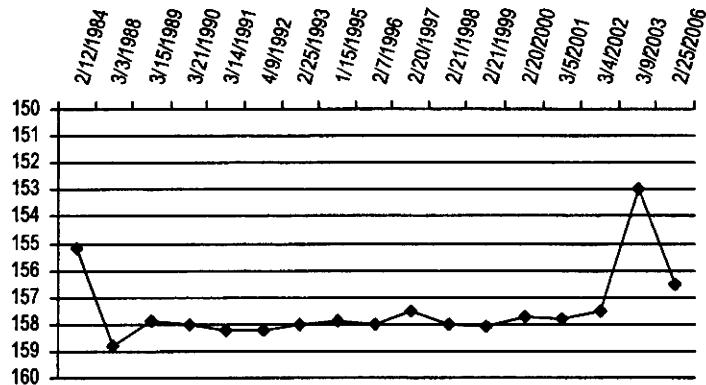
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 NW NW 10 35 S 45 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4099463.3 Easting (UTM x): 723543.0 GPS  
**Latitude/Longitude (decimal degrees):** 37.014774 -102.487343

**Surface Elevation (ft):** 4103 **Water Level Change**  
**Well depth (ft):** 0 **1 year:**  
**Aquifer(s):** DAKOTA **5 year:** 1.30  
**10 year:** 1.50

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	158.00	3945.00	-0.10
2/20/1997	157.50	3945.50	0.50
2/21/1998	158.00	3945.00	-0.50
2/21/1999	158.10	3944.90	-0.10
2/20/2000	157.70	3945.30	0.40
3/5/2001	157.80	3945.20	-0.10
3/4/2002	157.50	3945.50	0.30
3/9/2003	153.00	3950.00	4.50
2/25/2006	156.50	3946.50	-3.50

**All Historic Measurements**



**Well Name:** SC03504603CCA  
**Permit #:** 10763 - -

**Location #:** SC03504603CCA

**Owner:** DIXON, WM.J.  
**USGS Site ID:**

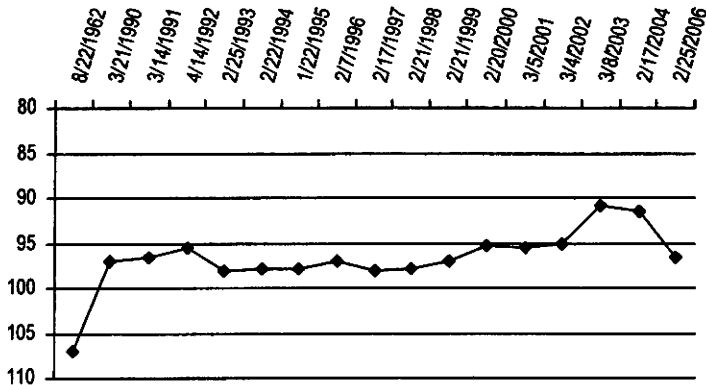
**Division:** 2 **Water District:** 66 **County:** BACA  
**Location:** Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:  
 SW SW NE 3 35 S 46 W S **From N/S line:** **From E/W line:**  
**UTM Coordinates (NAD83):** Northing (UTM y): 4099828.3 Easting (UTM x): 714887.8 GPS  
**Latitude/Longitude (decimal degrees):** 37.020081 -102.584444

**Surface Elevation (ft):** 4195 **Water Level Change**  
**Well depth (ft):** 134 **1 year:**  
**Aquifer(s):** CHEYENNE **5 year:** -0.90  
**10 year:** 0.55

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/7/1996	97.05	4097.95	0.75
2/17/1997	98.00	4097.00	-0.95
2/21/1998	97.80	4097.20	0.20
2/21/1999	97.00	4098.00	0.80
2/20/2000	95.30	4099.70	1.70
3/5/2001	95.60	4099.40	-0.30
3/4/2002	95.10	4099.90	0.50
3/8/2003	90.80	4104.20	4.30
2/17/2004	91.50	4103.50	-0.70
2/25/2006	96.50	4098.50	-5.00

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

**Well Name:** SC03505003AAC

**Owner:** WELBORN, J.M.

**Permit #:** 5650 - F -

**Location #:** SC03505003AAC

**USGS Site ID:**

**Division:** 2      **Water District:** 66      **County:** BACA  
**Location:** Q160 Q40 Q10 Section    **Twnshp**    **Range**    **PM**    **Distance from section lines:**  
                   NE NE SW    3        35 S    50 W S    **From N/S line:**                    **From E/W line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4099998.4    **Easting (UTM x):** 676514.3    **GPS**

**Latitude/Longitude (decimal degrees):** 37.029610                    -103.015499

**Surface Elevation (ft):** 4470

**Water Level Change**

**Well depth (ft):** 82

**1 year:**

**Aquifer(s):** QUATERNARY ALLUVIUM

**5 year:** -2.60

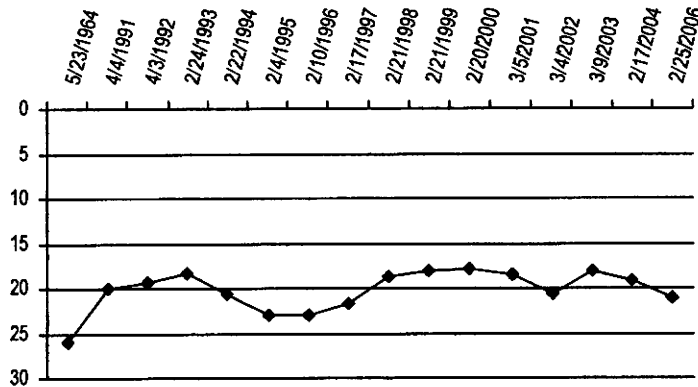
DOCKUM

**10 year:** 1.90

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	23.00	4447.00	0.00
2/17/1997	21.60	4448.40	1.40
2/21/1998	18.80	4451.20	2.80
2/21/1999	18.00	4452.00	0.80
2/20/2000	17.90	4452.10	0.10
3/5/2001	18.50	4451.50	-0.60
3/4/2002	20.60	4449.40	-2.10
3/9/2003	18.10	4451.90	2.50
2/17/2004	19.20	4450.80	-1.10
2/25/2006	21.10	4448.90	-1.90

**All Historic Measurements**



**Well Name:** SC03505012BBA

**Owner:** WELBORN, J.M.

**Permit #:** 3220 - F -

**Location #:** SC03505012BBA

**USGS Site ID:**

**Division:** 2      **Water District:** 66      **County:** BACA  
**Location:** Q160 Q40 Q10 Section    **Twnshp**    **Range**    **PM**    **Distance from section lines:**  
                   NW NW NE    12        35 S    50 W S    **From N/S line:**                    **From E/W line:**

**UTM Coordinates (NAD83):** **Northing (UTM y):** 4098722.4    **Easting (UTM x):** 678735.3    **GPS**

**Latitude/Longitude (decimal degrees):** 37.017694                    -102.990846

**Surface Elevation (ft):** 4411

**Water Level Change**

**Well depth (ft):** 50

**1 year:**

**Aquifer(s):** DOCKUM

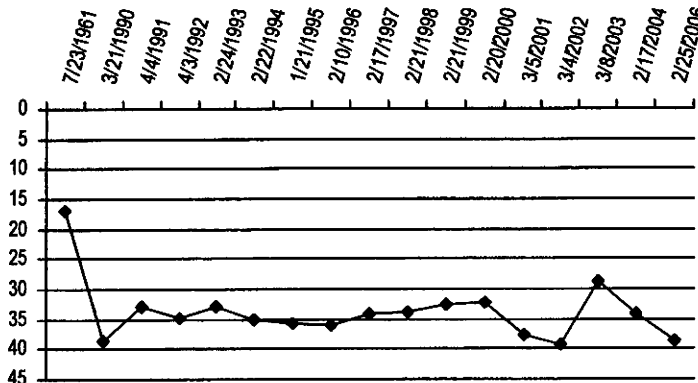
**5 year:** -0.70

**10 year:** -2.50

**Measurements from last 10 years**

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	36.00	4375.00	-0.10
2/17/1997	34.20	4376.80	1.80
2/21/1998	33.80	4377.20	0.40
2/21/1999	32.40	4378.60	1.40
2/20/2000	32.20	4378.80	0.20
3/5/2001	37.80	4373.20	-5.60
3/4/2002	39.10	4371.90	-1.30
3/8/2003	28.80	4382.20	10.30
2/17/2004	34.20	4376.80	-5.40
2/25/2006	38.50	4372.50	-4.30

**All Historic Measurements**



## SOUTHERN HIGH PLAINS

**Well Name:** SC03505012BDB

**Owner:** WELBORN, J.M.

**Permit #:** 322 -

**Location #:** SC03505012BDB

**USGS Site ID:**

**Division:** 2

**Water District:** 66

**County:** BACA

**Location:**

Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:

NW SE NW 12 35 S 50 W S From N/S line: From E/W line:

**UTM Coordinates (NAD83):** Northing (UTM y): 4098663.4 Easting (UTM x): 678711.3 GPS

**Latitude/Longitude (decimal degrees):** 37.017167 -102.991130

**Surface Elevation (ft):** 4410

**Well depth (ft):** 82

**Aquifer(s):** DOCKUM

**Water Level Change**

**1 year:**

**5 year:** -1.40

**10 year:** -1.85

### Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/10/1996	32.95	4377.05	-0.30
2/17/1997	30.90	4379.10	2.05
2/21/1998	30.20	4379.80	0.70
2/21/1999	28.90	4381.10	1.30
2/20/2000	28.80	4381.20	0.10
3/5/2001	33.40	4376.60	-4.60
3/4/2002	34.80	4375.20	-1.40
3/9/2003	25.20	4384.80	9.60
2/17/2004	30.50	4379.50	-5.30
2/25/2006	34.80	4375.20	-4.30

### All Historic Measurements

