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**GROUND WATER LEVELS
in the
UPPER BLACK SQUIRREL CREEK
DESIGNATED GROUND WATER BASIN
2007**



by
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**UPPER BLACK SQUIRREL CREEK DESIGNATED GROUND WATER BASIN
WATER LEVEL MEASUREMENTS
2007**

This report represents the results of water level measurements of wells in the Upper Black Squirrel Creek Designated Basin made during March, 2007. The project was done in cooperation with the Upper Black Squirrel Creek 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.

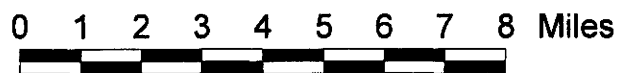
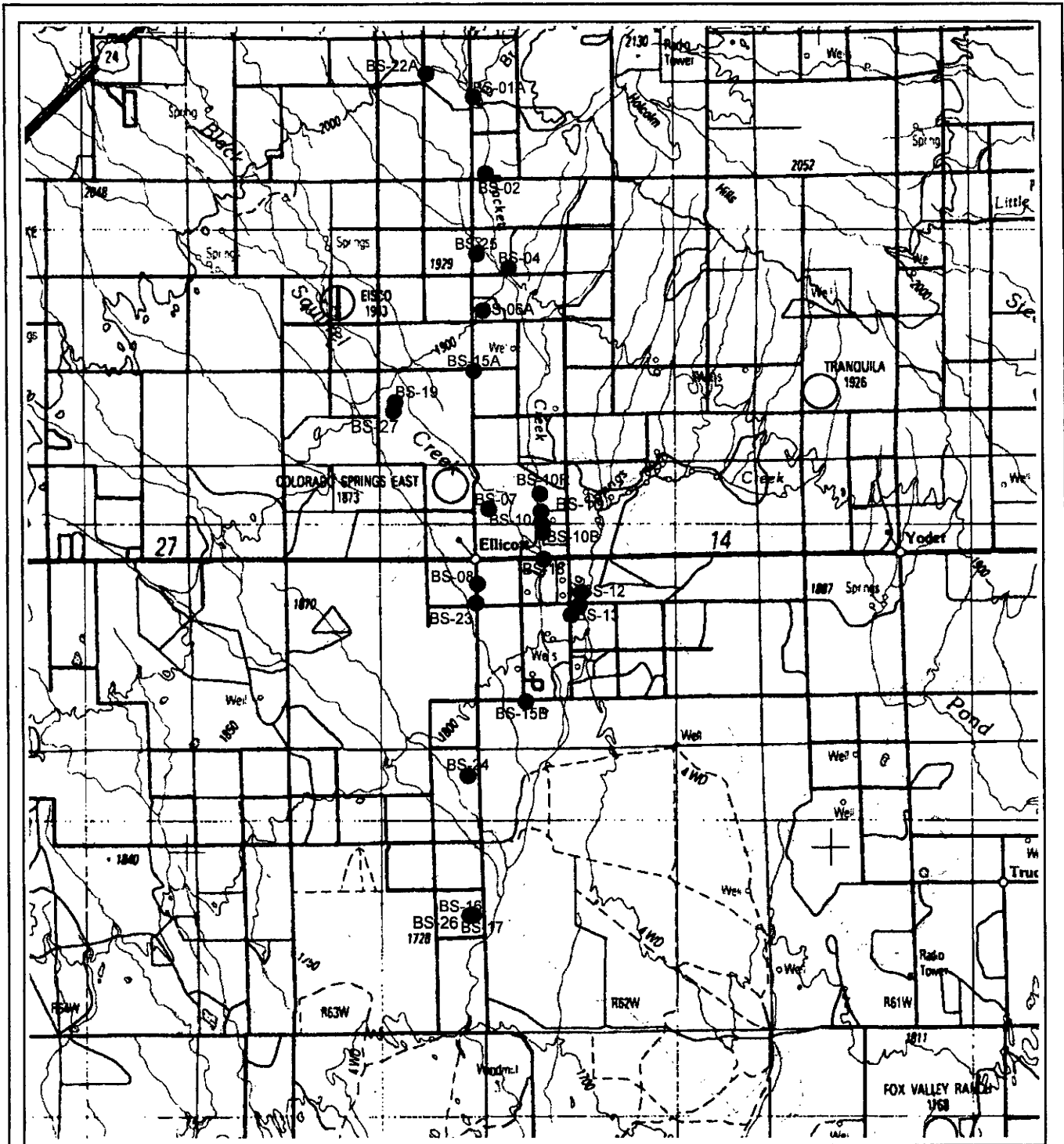
Tabular data are presented for each well for the previous 10 years. Graphical data are presented for the entire period of record. Information concerning bedrock wells for the Denver Basin Aquifers will generally be available in June of each year and can be obtained from the Office of the State Engineer. A complete set of historic tabular data for the Upper Black Squirrel Creek Designated Ground Water Basin is available by calling the Office of the State Engineer.

The wells in this report are listed by township, range, and section, beginning at the north end of the basin and proceeding south.

A total of 25 well sites were visited in 2007 with 21 wells being measured, recorded and data entered. Two irrigation wells (BS-19 and BS-25) and one stock well (BS-24) were pumping and could not be measured. Also, BS-01 had been plugged and abandoned, and the well head configuration of its replacement, designated BS-01A, was inaccessible for making measurements. Changes in water levels from last year's readings for the alluvial aquifer range from a decline of -1.93 feet in BS-07 to an increase of 5.85 feet in BS-04. For the basin, there was an average increase in water level of 0.48 feet for the period 2006 to 2007, as compared to an average decrease of -0.82 feet during the 2005 to 2006 period. The average decline for the 5-year period 2002 to 2007 is -0.21 feet per year. Over the past ten years (1997 to 2007), the average water levels in the basin have risen 0.17 feet per year.

Copies of this report can be purchased from the Office of the State Engineer, Records Section, 1313 Sherman St., Room 821, Denver, CO 80203, (303) 866-3447. 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.

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Location of Monitoring Wells
Upper Black Squirrel Creek

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UPPER BLACK SQUIRREL

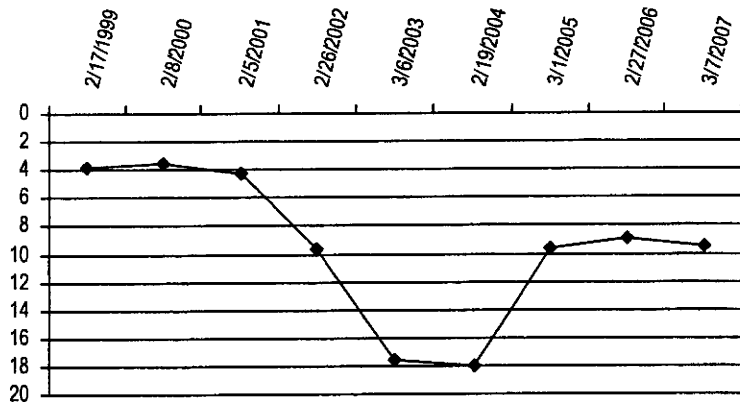
Well Name: BS-22A **Owner:** E N CASTANIEN
Permit #: 40767 - - **Location #:** SC 01206324CC **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW SW 24 12 S 63 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): Northing (UTM y): 4315474.8 Easting (UTM x): 551619.5 GPS
Latitude/Longitude (decimal degrees): 38.986747 -104.403989

Surface Elevation (ft): 6491 **Water Level Change**
Well depth (ft): 110 **1 year:** -0.51
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 0.14
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/17/1999	3.80	6225.20	
2/8/2000	3.60	6225.40	0.20
2/5/2001	4.30	6224.70	-0.70
2/26/2002	9.60	6219.40	-5.30
3/6/2003	17.59	6211.41	-7.99
2/19/2004	17.96	6211.04	-0.37
3/1/2005	9.65	6219.35	8.31
2/27/2006	8.95	6220.05	0.70
3/7/2007	9.46	6481.54	-0.51

All Historic Measurements



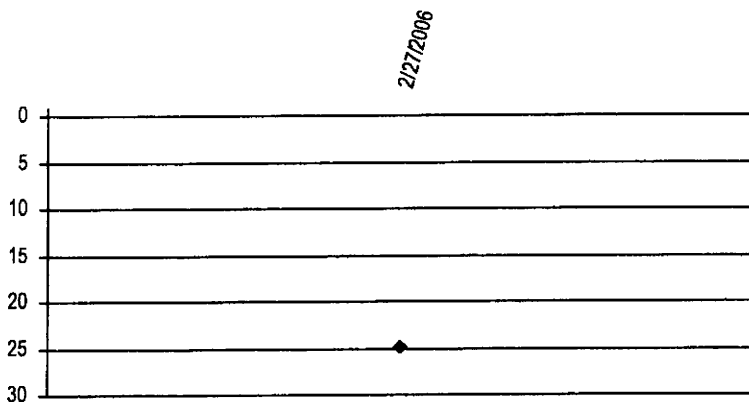
Well Name: BS-01A **Owner:** WOODMEN HILLS PUBLIC FACILITIES
Permit #: 612 - RFP - R **Location #:** SC01206230BB **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW NW 30 12 S 62 W S **From N/S line:** 1095 N **From E/W line:** 85 W
UTM Coordinates (NAD83): Northing (UTM y): 4314704.0 Easting (UTM x): 553193.0 GPS
Latitude/Longitude (decimal degrees):

Surface Elevation (ft): 6420 **Water Level Change**
Well depth (ft): 113 **1 year:**
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/27/2006	24.94	6395.06	

All Historic Measurements



UPPER BLACK SQUIRREL

Well Name: BS-01

Owner:

Permit #: 612 - FP - **Location #:** SC01206230BB DWR1 **USGS Site ID:**

Division: 2 **Water District:** 10 **County:** EL PASO

Location: Q160 Q40 Q10 Section **Twnshp** **Range** **PM** **Distance from section lines:**
 NW NW 30 12 S 62 W S **From N/S line:** **From E/W line:**

UTM Coordinates (NAD83): **Northing (UTM y):** 4314697.7 **Easting (UTM x):** 553175.5 **GPS**

Latitude/Longitude (decimal degrees): 38.979652 -104.386084

Surface Elevation (ft): 6420 **Water Level Change**

Well depth (ft): 123 **1 year:** -0.47

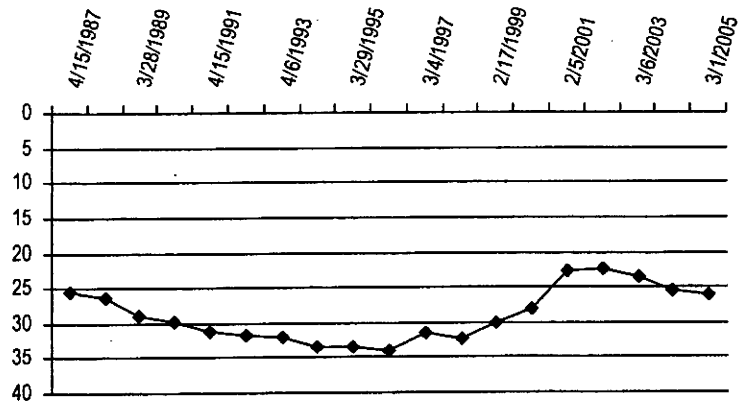
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 2.17

10 year: 7.52

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	31.60	6388.40	2.40
2/27/1998	32.25	6387.75	-0.65
2/17/1999	30.10	6389.90	2.15
2/8/2000	28.20	6391.80	1.90
2/5/2001	22.60	6397.40	5.60
2/26/2002	22.40	6397.60	0.20
3/6/2003	23.44	6396.56	-1.04
2/19/2004	25.56	6394.44	-2.12
3/1/2005	26.03	6393.97	-0.47

All Historic Measurements



Well Name: BS-02

Owner: LEONARD MAINQUIST

Permit #: 13171 - RFP - R **Location #:** SC01206231CD **USGS Site ID:**

Division: 2 **Water District:** 10 **County:** EL PASO

Location: Q160 Q40 Q10 Section **Twnshp** **Range** **PM** **Distance from section lines:**
 SW SE 31 12 S 62 W S **From N/S line:** **From E/W line:**

UTM Coordinates (NAD83): **Northing (UTM y):** 4312108.7 **Easting (UTM x):** 553588.5 **GPS**

Latitude/Longitude (decimal degrees): 38.956297 -104.381519

Surface Elevation (ft): 6358 **Water Level Change**

Well depth (ft): 51 **1 year:** 0.88

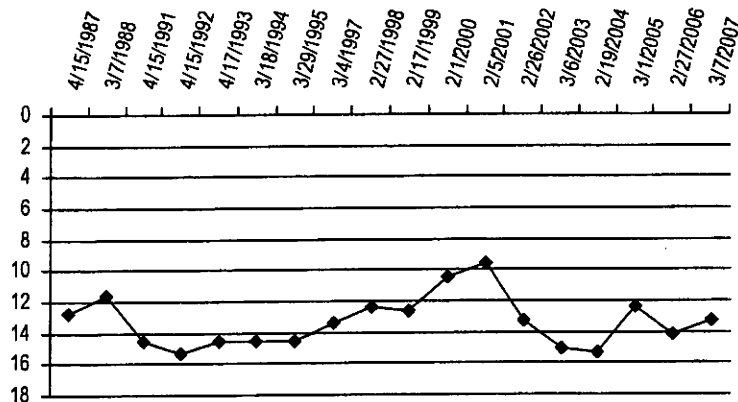
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 0.06

10 year: 0.20

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	13.45	6086.55	1.08
2/27/1998	12.35	6087.65	1.10
2/17/1999	12.70	6087.30	-0.35
2/1/2000	10.50	6089.50	2.20
2/5/2001	9.60	6090.40	0.90
2/26/2002	13.31	6086.69	-3.71
3/6/2003	15.12	6084.88	-1.81
2/19/2004	15.35	6084.65	-0.23
3/1/2005	12.38	6087.62	2.97
2/27/2006	14.13	6085.87	-1.75
3/7/2007	13.25	6344.75	0.88

All Historic Measurements



UPPER BLACK SQUIRREL

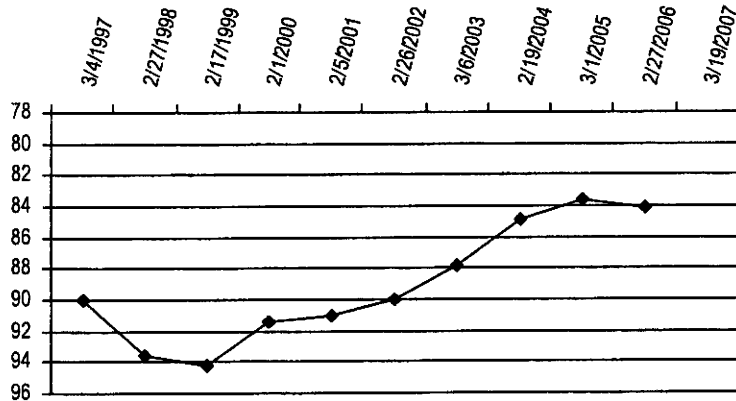
Well Name: BS-25 **Owner:** DEAN GOSS
Permit #: 15389 - FP - **Location #:** SC01306207CB **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW NW 7 13 S 62 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): Northing (UTM y): 4309380.7 Easting (UTM x): 553250.5 GPS
Latitude/Longitude (decimal degrees): 38.931736 -104.385632

Surface Elevation (ft): 6283 **Water Level Change**
Well depth (ft): 160 **1 year:**
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	90.00	6193.00	
2/27/1998	93.60	6189.40	-3.60
2/17/1999	94.20	6188.80	-0.60
2/1/2000	91.35	6191.65	2.85
2/5/2001	91.00	6192.00	0.35
2/26/2002	90.05	6192.95	0.95
3/6/2003	87.80	6195.20	2.25
2/19/2004	84.89	6198.11	2.91
3/1/2005	83.59	6199.41	1.30
2/27/2006	84.08	6198.92	-0.49
3/19/2007			

All Historic Measurements



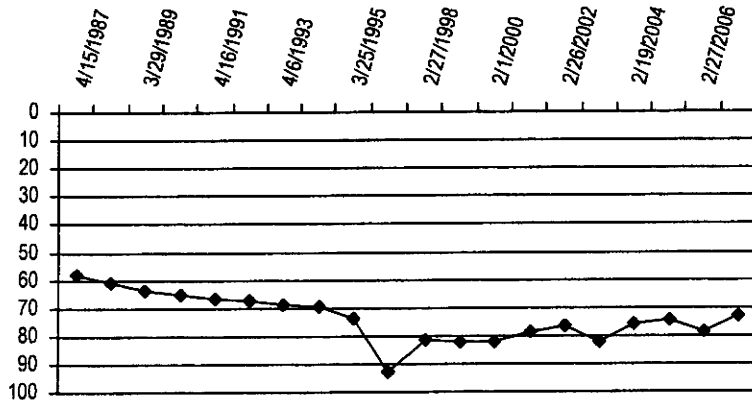
Well Name: BS-04 **Owner:** DEAN GOSS
Permit #: 6100 - F - **Location #:** SC01306207DC **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SE SW 7 13 S 62 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): Northing (UTM y): 4308902.7 Easting (UTM x): 554338.5 GPS
Latitude/Longitude (decimal degrees): 38.927362 -104.373118

Surface Elevation (ft): 6257 **Water Level Change**
Well depth (ft): 127 **1 year:** 5.85
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 3.94
10 year: 19.79

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	92.70	6164.30	-19.24
2/27/1998	81.75	6175.25	10.95
2/17/1999	82.10	6174.90	-0.35
2/1/2000	82.50	6174.50	-0.40
2/5/2001	78.45	6178.55	4.05
2/26/2002	76.85	6180.15	1.60
3/6/2003	82.10	6174.90	-5.25
2/19/2004	76.09	6180.91	6.01
3/1/2005	74.43	6182.57	1.66
2/27/2006	78.76	6178.24	-4.33
3/19/2007	72.91	6184.09	5.85

All Historic Measurements



UPPER BLACK SQUIRREL

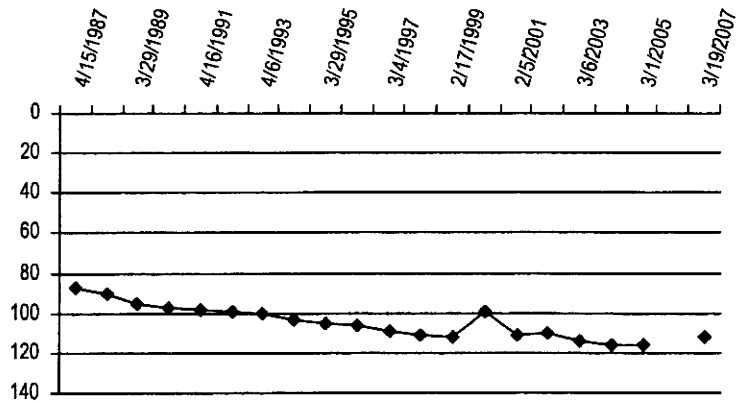
Well Name: BS-06A **Owner:** DEAN GOSS
Permit #: 11091 - FP - **Location #:** SC01306218CB **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW NW 18 13 S 62 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): Northing (UTM y): 4307440.7 Easting (UTM x): 553454.5 GPS
Latitude/Longitude (decimal degrees): 38.914242 -104.383430

Surface Elevation (ft): 6250 **Water Level Change**
Well depth (ft): 187 **1 year:**
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -2.18
10 year: -2.90

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	109.70	6140.30	-3.10
2/27/1998	111.20	6138.80	-1.50
2/17/1999	112.45	6137.55	-1.25
2/1/2000	99.20	6150.80	13.25
2/5/2001	111.60	6138.40	-12.40
2/26/2002	110.42	6139.58	1.18
3/6/2003	114.20	6135.80	-3.78
2/19/2004	116.62	6133.38	-2.42
3/1/2005	116.26	6133.74	0.36
2/27/2006			
3/19/2007	112.60	6137.40	

All Historic Measurements



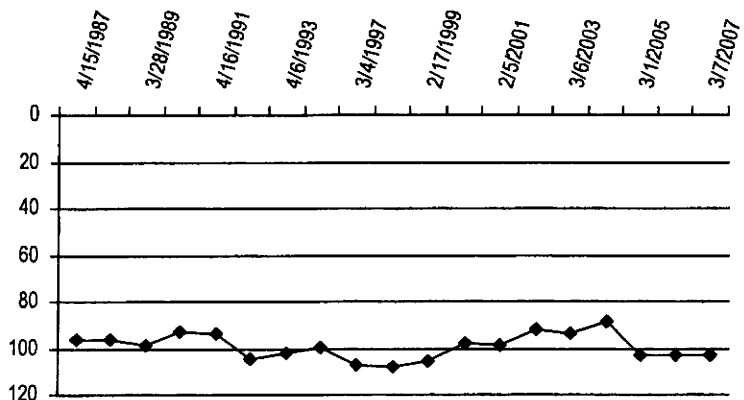
Well Name: BS-15A **Owner:**
Permit #: 11799 - FP - **Location #:** SC01306325AA **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NE NE 25 13 S 63 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): Northing (UTM y): 4305393.7 Easting (UTM x): 553138.5 GPS
Latitude/Longitude (decimal degrees): 38.895816 -104.387233

Surface Elevation (ft): 6200 **Water Level Change**
Well depth (ft): 120 **1 year:** 0.01
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -11.02
10 year: 4.15

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	107.25	6092.75	-7.45
2/27/1998	107.80	6092.20	-0.55
2/17/1999	105.15	6094.85	2.65
2/1/2000	97.80	6102.20	7.35
2/5/2001	98.60	6101.40	-0.80
2/26/2002	92.08	6107.92	6.52
3/6/2003	93.78	6106.22	-1.70
2/19/2004	88.60	6111.40	5.18
3/1/2005	103.28	6096.72	-14.68
2/27/2006	103.11	6096.89	0.17
3/7/2007	103.10	6096.90	0.01

All Historic Measurements



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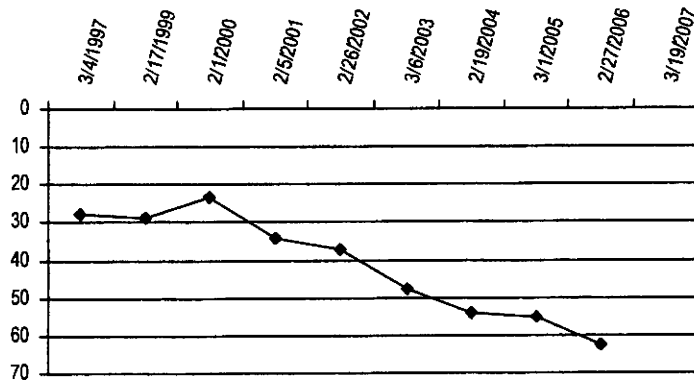
Well Name: BS-19 **Owner:** DEAN GOSS
Permit #: 27567 - F - **Location #:** SC01306326CA **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW NE 26 13 S 63 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): Northing (UTM y): 4304334.8 Easting (UTM x): 550486.5 GPS
Latitude/Longitude (decimal degrees): 38.886430 -104.417891

Surface Elevation (ft): 6220 **Water Level Change**
Well depth (ft): 136 **1 year:**
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	27.70	6192.30	
2/17/1999	28.60	6191.40	-0.90
2/1/2000	23.40	6196.60	5.20
2/5/2001	34.02	6185.98	-10.62
2/26/2002	37.05	6182.95	-3.03
3/6/2003	47.90	6172.10	-10.85
2/19/2004	54.01	6165.99	-6.11
3/1/2005	54.97	6165.03	-0.96
2/27/2006	62.40	6157.60	-7.43
3/19/2007			

All Historic Measurements



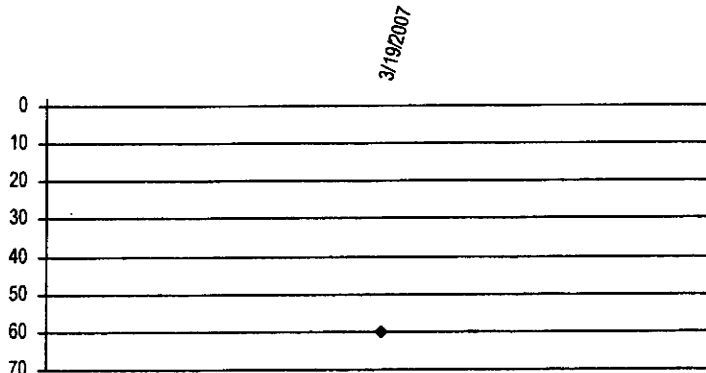
Well Name: BS-27 **Owner:** DEAN GOSS
Permit #: 27564 - FP - R **Location #:** SC01306326CD **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW SE 26 13 S 63 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): Northing (UTM y): 4304024.0 Easting (UTM x): 550427.0 GPS
Latitude/Longitude (decimal degrees):

Surface Elevation (ft): 6218 **Water Level Change**
Well depth (ft): **1 year:**
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/19/2007	60.18	6157.82	

All Historic Measurements



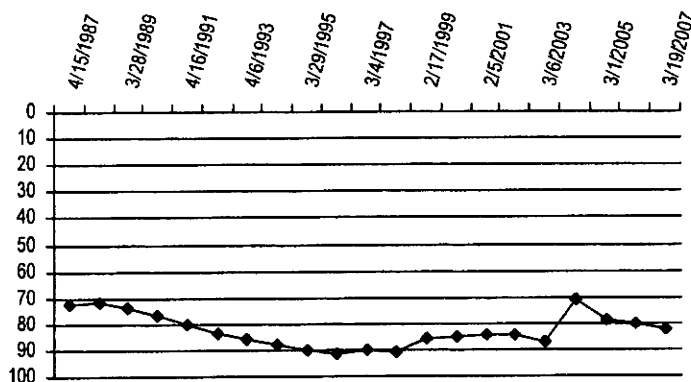
UPPER BLACK SQUIRREL

Well Name:	BS-07	Owner:	VERNON M JONES
Permit #:	17425 - F -	Location #:	SC01406206CD
		USGS Site ID:	
Division:	2	Water District:	10
		County:	EL PASO
Location:	Q160 Q40 Q10	Section	Twnshp Range PM
	SE SW	6 14 S 62 W S	Distance from section lines:
			From N/S line: From E/W line:
UTM Coordinates (NAD83):	Northing (UTM y):	4300725.7	Easting (UTM x): 553621.5
Latitude/Longitude (decimal degrees):		38.853723	-104.382028
Surface Elevation (ft):	6060	Water Level Change	
Well depth (ft):	110	1 year: -1.93	
Aquifer(s):	QUATERNARY ALLUVIUM	5 year: 2.11	
		10 year: 8.01	

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	90.25	5969.75	0.93
2/27/1998	90.88	5969.12	-0.63
2/17/1999	85.95	5974.05	4.93
2/1/2000	84.83	5975.17	1.12
2/5/2001	84.55	5975.45	0.28
2/26/2002	84.35	5975.65	0.20
3/6/2003	86.95	5973.05	-2.60
2/19/2004	71.01	5988.99	15.94
3/1/2005	78.74	5981.26	-7.73
2/27/2006	80.31	5979.69	-1.57
3/19/2007	82.24	5977.76	-1.93

All Historic Measurements

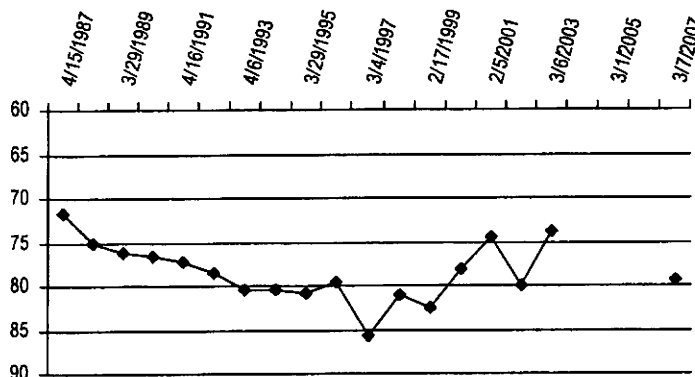


Well Name:	BS-10	Owner:	VERNON M JONES
Permit #:	20701 - FP -	Location #:	SC01406208BA
		USGS Site ID:	
Division:	2	Water District:	10
		County:	EL PASO
Location:	Q160 Q40 Q10	Section	Twnshp Range PM
	NE NW	8 14 S 62 W S	Distance from section lines:
			From N/S line: From E/W line:
UTM Coordinates (NAD83):	Northing (UTM y):	4300622.7	Easting (UTM x): 555391.5
Latitude/Longitude (decimal degrees):		38.852685	-104.361639
Surface Elevation (ft):	6030	Water Level Change	
Well depth (ft):	136	1 year: 0.59	
Aquifer(s):	QUATERNARY ALLUVIUM	5 year: 6.34	
		10 year: 6.34	

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	85.80	5944.20	-6.25
2/27/1998	81.00	5949.00	4.80
2/17/1999	82.55	5947.45	-1.55
2/1/2000	78.10	5951.90	4.45
2/5/2001	74.40	5955.60	3.70
2/26/2002	80.05	5949.95	-5.65
3/6/2003	73.73	5956.27	6.32
2/20/2004			
3/1/2005			
2/27/2006			
3/7/2007	79.46	5950.54	

All Historic Measurements



UPPER BLACK SQUIRREL

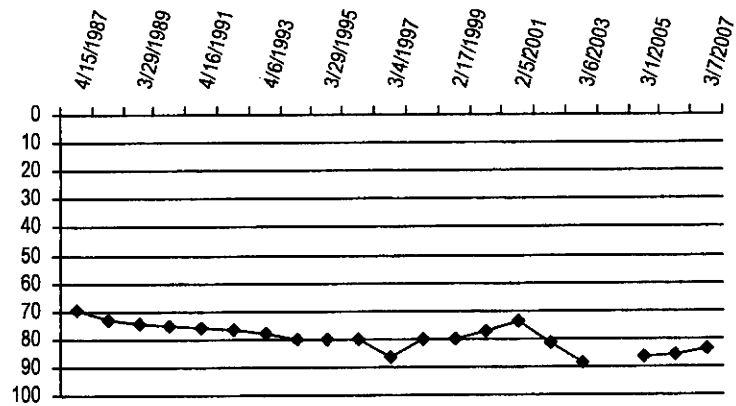
Well Name: BS-10A **Owner:** BANNING LEWIS RANCHES
Permit #: 27608 - FP - **Location #:** SC01406208BD1 **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW SE 8 14 S 62 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): Northing (UTM y): 4300171.7 Easting (UTM x): 555435.5 GPS
Latitude/Longitude (decimal degrees): 38.848618 -104.361168

Surface Elevation (ft): 6000 **Water Level Change**
Well depth (ft): 155 **1 year:** 2.16
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -2.36
10 year: 2.94

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	86.60	5913.40	-6.65
2/27/1998	80.45	5919.55	6.15
2/17/1999	80.40	5919.60	0.05
2/1/2000	77.60	5922.40	2.80
2/5/2001	73.50	5926.50	4.10
2/26/2002	81.30	5918.70	-7.80
3/6/2003	88.76	5911.24	-7.46
2/20/2004			
3/1/2005	86.26	5913.74	
2/27/2006	85.82	5914.18	0.44
3/7/2007	83.66	5916.34	2.16

All Historic Measurements



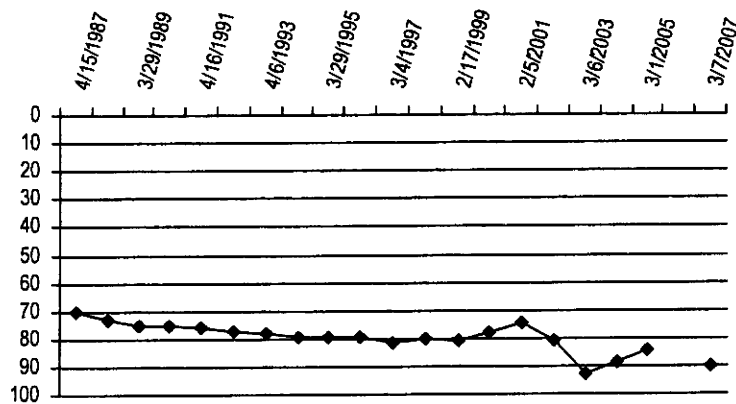
Well Name: BS-10B **Owner:** BANNING LEWIS RANCHES
Permit #: 16010 - FP - **Location #:** SC01406208BD2 **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW SW 8 14 S 62 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): Northing (UTM y): 4299925.7 Easting (UTM x): 555458.5 GPS
Latitude/Longitude (decimal degrees): 38.846400 -104.360923

Surface Elevation (ft): 6000 **Water Level Change**
Well depth (ft): 148 **1 year:** -9.37
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -8.62
10 year: -8.62

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	81.70	5918.30	-2.15
2/27/1998	79.95	5920.05	1.75
2/17/1999	80.50	5919.50	-0.55
2/1/2000	77.80	5922.20	2.70
2/5/2001	74.50	5925.50	3.30
2/26/2002	80.95	5919.05	-6.45
3/6/2003	93.05	5906.95	-12.10
2/20/2004	88.67	5911.33	4.38
3/1/2005	84.59	5915.41	4.08
2/27/2006			
3/7/2007	90.32	5909.68	

All Historic Measurements



UPPER BLACK SQUIRREL

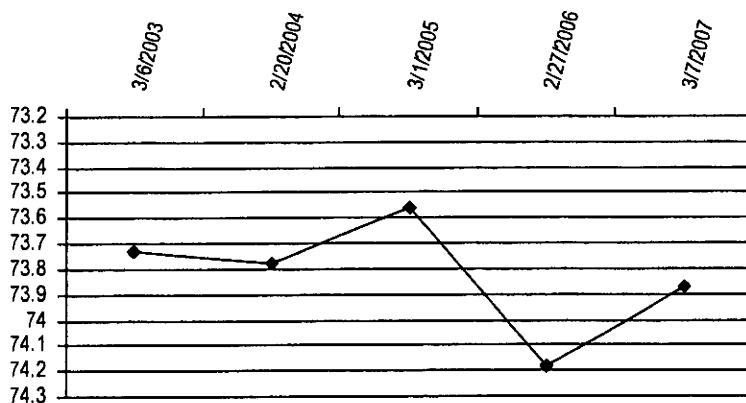
Well Name: BS-10R **Owner:**
Permit #: - - **Location #:** SC01406208CAD **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW NE 8 14 S 62 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): Northing (UTM y): 4301224.7 Easting (UTM x): 555360.5 GPS
Latitude/Longitude (decimal degrees): 38.858112 -104.361948

Surface Elevation (ft): 6035 **Water Level Change**
Well depth (ft): **1 year:** 0.31
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/6/2003	73.73	5961.27	
2/20/2004	73.78	5961.22	-0.05
3/1/2005	73.56	5961.44	0.22
2/27/2006	74.18	5960.82	-0.62
3/7/2007	73.87	5961.13	0.31

All Historic Measurements



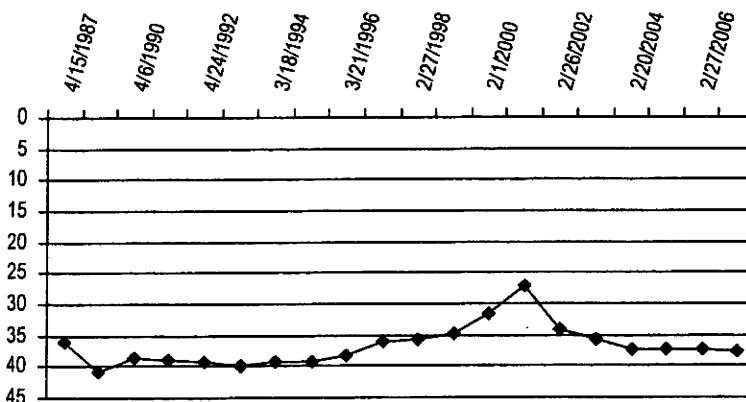
Well Name: BS-12 **Owner:** EVERITT HANDLE
Permit #: 2449 - FP - **Location #:** SC01406216CA **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 SW NE 16 14 S 62 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): Northing (UTM y): 4297895.6 Easting (UTM x): 556766.5 GPS
Latitude/Longitude (decimal degrees): 38.828024 -104.346019

Surface Elevation (ft): 5940 **Water Level Change**
Well depth (ft): 50 **1 year:** -0.51
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -3.66
10 year: -1.66

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	36.12	5903.88	2.04
2/27/1998	35.62	5904.38	0.50
2/17/1999	34.87	5905.13	0.75
2/1/2000	31.67	5908.33	3.20
2/5/2001	27.22	5912.78	4.45
2/26/2002	34.12	5905.88	-6.90
3/6/2003	35.67	5904.33	-1.55
2/20/2004	37.34	5902.66	-1.67
3/1/2005	37.29	5902.71	0.05
2/27/2006	37.27	5902.73	0.02
3/7/2007	37.78	5902.22	-0.51

All Historic Measurements



UPPER BLACK SQUIRREL

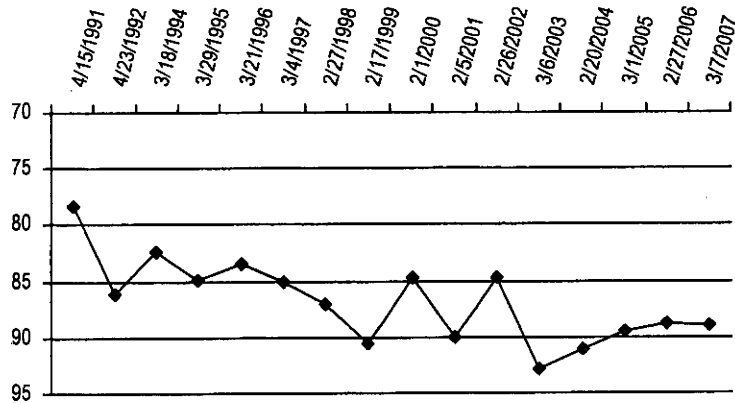
Well Name: BS-18 **Owner:**
Permit #: - - **Location #:** SC01406217AB **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section **Twnshp** Range **PM** **Distance from section lines:**
 NE NW 17 14 S 62 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4299033.7 **Easting (UTM x):** 555477.5 **GPS**
Latitude/Longitude (decimal degrees): 38.838361 -104.360776

Surface Elevation (ft): 5950 **Water Level Change**
Well depth (ft): 70 **1 year:** -0.14
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -4.29
10 year: -3.86

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	85.10	5864.90	-1.65
2/27/1998	87.00	5863.00	-1.90
2/17/1999	90.50	5859.50	-3.50
2/1/2000	84.80	5865.20	5.70
2/5/2001	89.95	5860.05	-5.15
2/26/2002	84.67	5865.33	5.28
3/6/2003	92.91	5857.09	-8.24
2/20/2004	91.18	5858.82	1.73
3/1/2005	89.46	5860.54	1.72
2/27/2006	88.82	5861.18	0.64
3/7/2007	88.96	5861.04	-0.14

All Historic Measurements



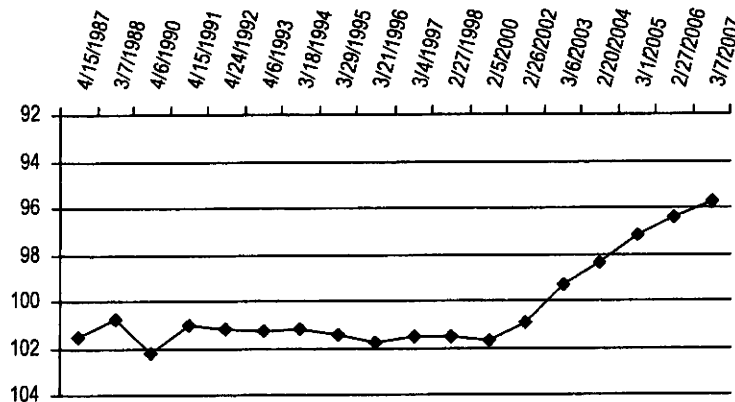
Well Name: BS-08 **Owner:** ELLICOTT FIRE PROTECTION DISTRICT
Permit #: 13673 - FP - **Location #:** SC01406218BC **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section **Twnshp** Range **PM** **Distance from section lines:**
 NW SW 18 14 S 62 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4298189.7 **Easting (UTM x):** 553238.5 **GPS**
Latitude/Longitude (decimal degrees): 38.830894 -104.386638

Surface Elevation (ft): 5985 **Water Level Change**
Well depth (ft): 134 **1 year:** 0.67
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 5.18
10 year: 5.78

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	101.50	5883.50	0.30
2/27/1998	101.50	5883.50	0.00
2/5/2000	101.70	5883.30	-0.20
2/26/2002	100.90	5884.10	0.80
3/6/2003	99.35	5885.65	1.55
2/20/2004	98.37	5886.63	0.98
3/1/2005	97.16	5887.84	1.21
2/27/2006	96.39	5888.61	0.77
3/7/2007	95.72	5889.28	0.67

All Historic Measurements



UPPER BLACK SQUIRREL

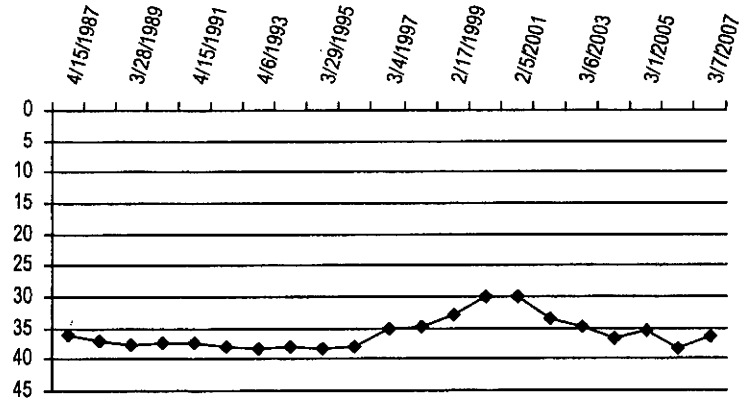
Well Name: BS-13 **Owner:** RAYMOND LEWIS
Permit #: 3485 - FP - **Location #:** SC01406221BA **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section **Twnshp** Range **PM** **Distance from section lines:**
 NW NE 21 14 S 62 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4297459.6 **Easting (UTM x):** 556693.5 **GPS**
Latitude/Longitude (decimal degrees): 38.824100 -104.346896

Surface Elevation (ft): 5920 **Water Level Change**
Well depth (ft): 52 **1 year:** 2.00
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -2.79
10 year: -1.14

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	35.17	5884.83	2.65
2/27/1998	34.82	5885.18	0.35
2/17/1999	32.72	5887.28	2.10
2/1/2000	30.12	5889.88	2.60
2/5/2001	29.92	5890.08	0.20
2/26/2002	33.52	5886.48	-3.60
3/6/2003	34.90	5885.10	-1.38
2/20/2004	36.55	5883.45	-1.65
3/1/2005	35.30	5884.70	1.25
2/27/2006	38.31	5881.69	-3.01
3/7/2007	36.31	5883.69	2.00

All Historic Measurements



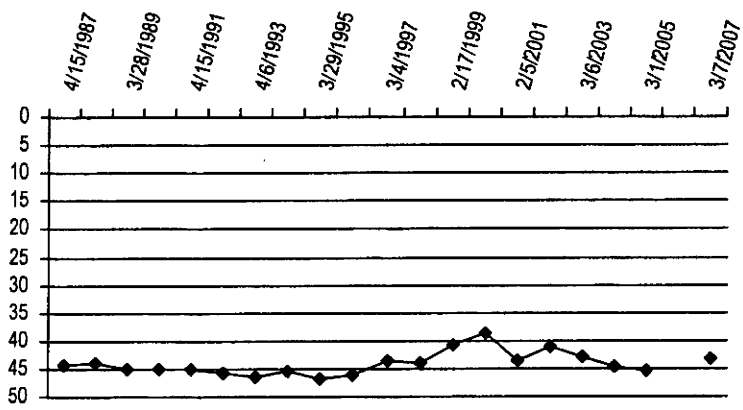
Well Name: BS-14 **Owner:**
Permit #: - - **Location #:** SC01406221BB **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section **Twnshp** Range **PM** **Distance from section lines:**
 NW NW 21 14 S 62 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4297140.6 **Easting (UTM x):** 556406.5 **GPS**
Latitude/Longitude (decimal degrees): 38.821244 -104.350228

Surface Elevation (ft): 5925 **Water Level Change**
Well depth (ft): 61 **1 year:**
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -2.27
10 year: 0.45

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	43.75	5881.25	2.50
2/27/1998	43.90	5881.10	-0.15
2/17/1999	40.90	5884.10	3.00
2/1/2000	38.80	5886.20	2.10
2/5/2001	43.55	5881.45	-4.75
2/26/2002	41.03	5883.97	2.52
3/6/2003	42.80	5882.20	-1.77
2/20/2004	44.61	5880.39	-1.81
3/1/2005	45.34	5879.66	-0.73
2/27/2006			
3/7/2007	43.30	5881.70	

All Historic Measurements



UPPER BLACK SQUIRREL

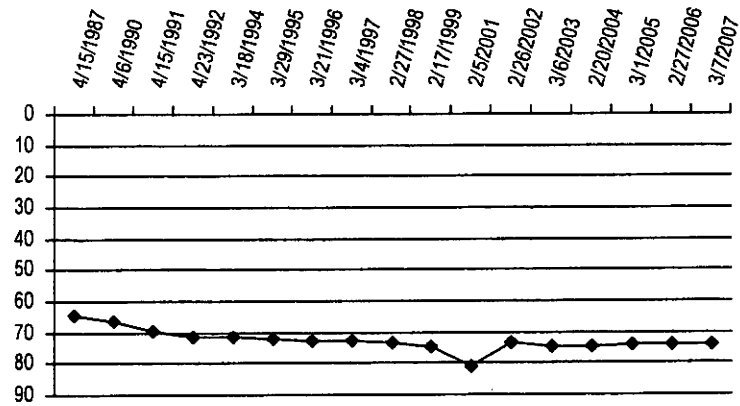
Well Name: BS-15B **Owner:**
Permit #: 20528 - FP - **Location #:** SC01406232BB **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NW NW 32 14 S 62 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4294218.7 **Easting (UTM x):** 554849.5 **GPS**
Latitude/Longitude (decimal degrees): 38.795012 -104.368395

Surface Elevation (ft): 5860 **Water Level Change**
Well depth (ft): 120 **1 year:** -0.29
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.84
10 year: -1.29

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	73.05	5786.95	-0.30
2/27/1998	73.20	5786.80	-0.15
2/17/1999	74.90	5785.10	-1.70
2/5/2001	80.90	5779.10	-6.00
2/26/2002	73.50	5786.50	7.40
3/6/2003	74.58	5785.42	-1.08
2/20/2004	74.59	5785.41	-0.01
3/1/2005	74.32	5785.68	0.27
2/27/2006	74.05	5785.95	0.27
3/7/2007	74.34	5785.66	-0.29

All Historic Measurements



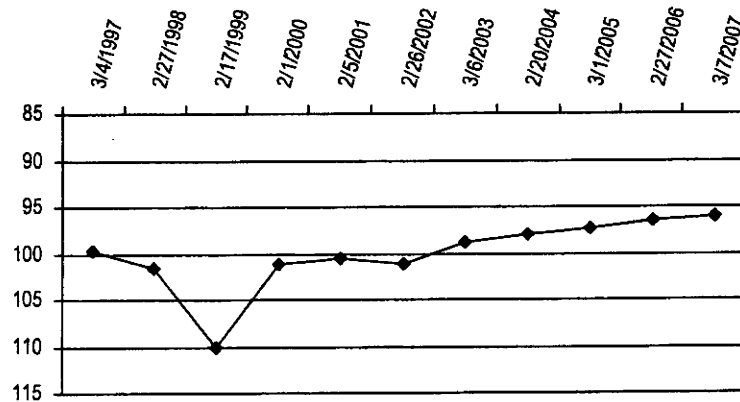
Well Name: BS-23 **Owner:**
Permit #: 16516 - - **Location #:** SC01406324AA **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section Twnshp Range PM Distance from section lines:
 NE NE 32 14 S 63 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4297546.7 **Easting (UTM x):** 553173.5 **GPS**
Latitude/Longitude (decimal degrees): 38.825104 -104.387437

Surface Elevation (ft): 5981 **Water Level Change**
Well depth (ft): 110 **1 year:** 0.34
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** 5.02
10 year: 3.52

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	99.65	5590.35	
2/27/1998	101.70	5588.30	-2.05
2/17/1999	110.10	5579.90	-8.40
2/1/2000	101.20	5588.80	8.90
2/5/2001	100.52	5589.48	0.68
2/26/2002	101.15	5588.85	-0.63
3/6/2003	98.90	5591.10	2.25
2/20/2004	97.97	5592.03	0.93
3/1/2005	97.32	5592.68	0.65
2/27/2006	96.47	5593.53	0.85
3/7/2007	96.13	5884.87	0.34

All Historic Measurements



UPPER BLACK SQUIRREL

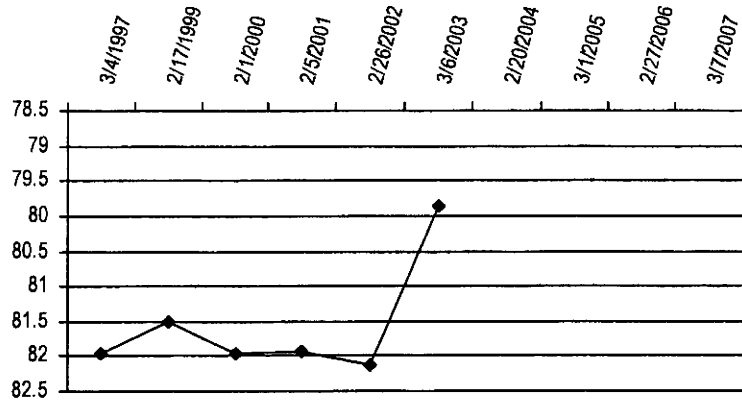
Well Name: BS-24 **Owner:**
Permit #: 196677 - **Location #:** SC01506301DB **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section **Twnshp** Range **PM** **Distance from section lines:**
 SW NW 1 15 S 63 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4291719.0 **Easting (UTM x):** 552880.0 **GPS**
Latitude/Longitude (decimal degrees): 38.772610 -104.391260

Surface Elevation (ft): 5820 **Water Level Change**
Well depth (ft): 160 **1 year:**
Aquifer(s): QUATERNARY ALLUVIUM **5 year:**
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	81.95	5738.05	
2/17/1999	81.50	5738.50	0.45
2/1/2000	81.95	5738.05	-0.45
2/5/2001	81.92	5738.08	0.03
2/26/2002	82.12	5737.88	-0.20
3/6/2003	79.87	5740.13	2.25
2/20/2004			
3/1/2005			
2/27/2006			
3/7/2007			

All Historic Measurements



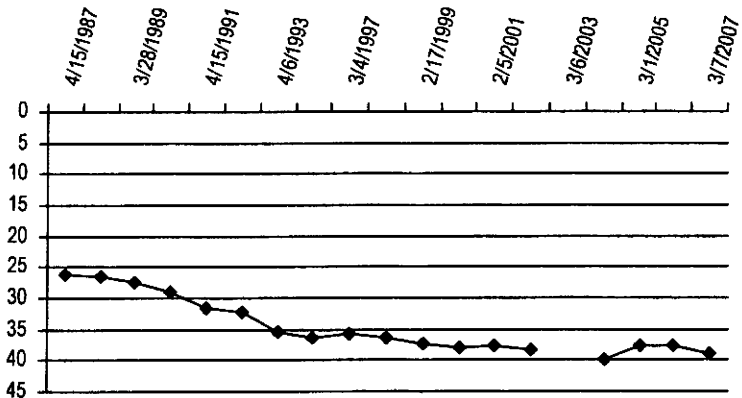
Well Name: BS-16 **Owner:** JERRY FARMER
Permit #: 2451 - FP - **Location #:** SC01506324DA1 **USGS Site ID:**
Division: 2 **Water District:** 10 **County:** EL PASO
Location: Q160 Q40 Q10 Section **Twnshp** Range **PM** **Distance from section lines:**
 NE SE 24 15 S 63 W S **From N/S line:** **From E/W line:**
UTM Coordinates (NAD83): **Northing (UTM y):** 4287005.7 **Easting (UTM x):** 553039.4 **GPS**
Latitude/Longitude (decimal degrees): 38.730125 -104.389791

Surface Elevation (ft): 5690 **Water Level Change**
Well depth (ft): 67 **1 year:** -1.07
Aquifer(s): QUATERNARY ALLUVIUM **5 year:** -0.63
10 year: -3.18

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	35.69	5654.31	0.75
2/27/1998	36.44	5653.56	-0.75
2/17/1999	37.28	5652.72	-0.84
2/1/2000	38.09	5651.91	-0.81
2/5/2001	37.54	5652.46	0.55
2/26/2002	38.24	5651.76	-0.70
3/6/2003			
2/20/2004	39.78	5650.22	
3/1/2005	37.60	5652.40	2.18
2/27/2006	37.80	5652.20	-0.20
3/7/2007	38.87	5651.13	-1.07

All Historic Measurements



UPPER BLACK SQUIRREL

Well Name: BS-17

Owner: DANIEL FARMER

Permit #: 6494 - FP -

Location #: SC01506324DA2

USGS Site ID:

Division: 2 **Water District:** 10 **County:** EL PASO

Location: Q160 Q40 Q10 Section **Twnshp** **Range** **PM** **Distance from section lines:**
 SE NE 24 15 S 63 W S **From N/S line:** **From E/W line:**

UTM Coordinates (NAD83): **Northing (UTM y):** 4287002.0 **Easting (UTM x):** 552956.0 **GPS**

Latitude/Longitude (decimal degrees): 38.730100 -104.390750

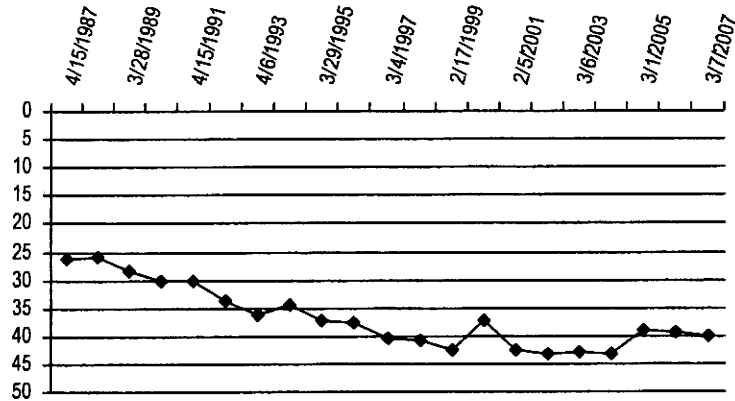
Surface Elevation (ft): 5680
Well depth (ft): 31
Aquifer(s): QUATERNARY ALLUVIUM

Water Level Change
1 year: -0.67
5 year: 3.27
10 year: 0.56

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
3/4/1997	40.60	5639.40	-3.00
2/27/1998	40.95	5639.05	-0.35
2/17/1999	42.45	5637.55	-1.50
2/1/2000	37.15	5642.85	5.30
2/5/2001	42.70	5637.30	-5.55
2/26/2002	43.31	5636.69	-0.61
3/6/2003	42.90	5637.10	0.41
2/20/2004	43.15	5636.85	-0.25
3/1/2005	39.11	5640.89	4.04
2/27/2006	39.37	5640.63	-0.26
3/7/2007	40.04	5639.96	-0.67

All Historic Measurements



Well Name: BS-26

Owner: USGS

Permit #: 31379 - M -

Location #: SC01506324DB

USGS Site ID:

Division: 2 **Water District:** 10 **County:** EL PASO

Location: Q160 Q40 Q10 Section **Twnshp** **Range** **PM** **Distance from section lines:**
 SE NW 24 15 S 63 W S **From N/S line:** **From E/W line:**

UTM Coordinates (NAD83): **Northing (UTM y):** 4286989.0 **Easting (UTM x):** 552918.0 **GPS**

Latitude/Longitude (decimal degrees):

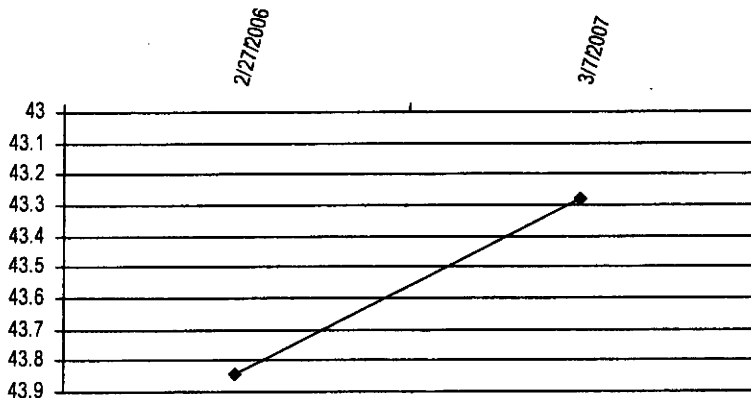
Surface Elevation (ft): 5680
Well depth (ft): 225
Aquifer(s): LARAMIE FOX HILLS
 QUATERNARY ALLUVIUM

Water Level Change
1 year: 0.56
5 year:
10 year:

Measurements from last 10 years

Date	Depth to WL (ft)	Elev of WL (ft)	Change (ft)
2/27/2006	43.84	5636.16	
3/7/2007	43.28	5636.72	0.56

All Historic Measurements



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