

Transect	Well name ISC	Well ID	Location	Priority	Latitude	Longitude	Height of outer casing (up) - ft	Difference in height between outcasing and inner casing	Depth to Water (ft BTOC)	Total Depth (ft BTOC)	Expected water level fluctuations (ft bgs)
Brown Arroyo	BRN E-01-A	SO-0125	East of Rio	High	34.003032	-106.869709	2.2	0.82	5.7	20.1	2 to 13
Brown Arroyo	BRN E-04-A	SO-0131	East of Rio	High	34.003714	-106.860987	2.35	0.94	2.66	16.92	1 to 6
Brown Arroyo	BRN W-03-A	SO-0140	West of LFCC	High	34.00067	-106.872017	2.24	1.56	12.18	19.91	10 to 14
Brown Arroyo	BRN W-04-A	SO-0142	West of LFCC	Low	34.000651	-106.871465	2.19	1.02	9.5	22.15	8 to 11
Brown Arroyo	BRN W-05-A	SO-0144	Between Rio and LFCC	High	34.000744	-106.870741	2.22	2.78	8.6	19.09	6 to 14
Brown Arroyo	BRN W-05-B	SO-0145	Between Rio and LFCC	High	34.000744	-106.870741	2.22	1.92	8.49	52.02	6 to 14
Escondida	ESC E-01-A	SO-0146	East of Rio	High	34.120358	-106.886393	1.88	1.39	9.69	20.49	8 to 12
Escondida	ESC E-02-A	SO-0148	East of Rio	High	34.120371	-106.886155	1.95	1.12	10.52	19.7	9 to 12
Escondida	ESC W-02-A	SO-0160	West of LFCC	High	34.120069	-106.889975	2.1	1.04	10.45	21.1	8 to 11
Escondida	ESC W-04-A	SO-0163	Between Rio and LFCC	High	34.120286	-106.888755	2.37	1.48	8.97	17.57	6 to 10
Escondida	ESC W-05-A	SO-0165	Between Rio and LFCC	High	34.120413	-106.887565	1.99	2.05	9.32	19.66	8 to 12
Escondida	ESC W-05-B	SO-0166	Between Rio and LFCC	High	34.120413	-106.887565	1.99	0	9.07	53.15	8 to 12
Fort Craig	SFC W-02-A	SO-0234	West of LFCC	High	33.614239	-107.022158	1.98	1.01	5.9	~20	3 to 7
Fort Craig	SFC W-03-A	SO-0236	West of LFCC	Low	33.613107	-107.019114	1.83	1.09	5.65	19.57	2 to 8
Fort Craig	SFC W-04-A	SO-0238	West of LFCC	High	33.612583	-107.018078	2.04	1.01	4.49	20.23	2 to 6
Hwy 380	HWY E-01-A	SO-0167	East of Rio	High	33.924854	-106.850529	1.94	1.36	3.61	20.03	1 to 14
Hwy 380	HWY E-03-A	SO-0170	East of Rio	High	33.924959	-106.846572	1.75	1.75	3.16	18.13	0 to 10
Hwy 380	HWY W-04-A	SO-0175	West of LFCC	High	33.924627	-106.853055	1.98	1.59	8.01	19.37	7 to 11
Hwy 380	HWY W-05-A	SO-0177	Between Rio and LFCC	Low	33.924817	-106.852389	1.92	1.61	7.31	20	6 to 11
Hwy 380	HWY W-11-A	SO-0189	Between Rio and LFCC	High	33.924777	-106.851469	2.39	1.01	9.85	20	6 to 16
Hwy 380	HWY W-11-B	SO-0190	Between Rio and LFCC	High	33.924777	-106.851469	2.39	1.93	9.18	55.42	6 to 17
San Acacia	SAC E-01-A	SO-0191	East of Rio	High	34.245556	-106.898738	3.24	0.1	11.83	21.8	7 to 11
San Acacia	SAC E-03-A	SO-0194	East of Rio	High	34.245308	-106.894943	2.57	-0.05	17.3	24.22	11 to 18
San Acacia	SAC W-03-A	SO-0200	West of LFCC	High	34.245638	-106.902725	1.92	1.11	13.66	19.95	12 to 20?
San Acacia	SAC W-05-A	SO-0204	Between Rio and LFCC	High	34.245493	-106.900485	2.04	1.02	16.18	20.23	12 to 16
San Marcial	SMC W-01-B	SO-0245	West of LFCC	High	33.685029	-107.002479	1.78	0.79	6.73	49.66	4 to 10
San Marcial	SMC W02-A	SO-0246	West of LFCC	Low	33.682013	-107.001061	1.9	1	~20	~20	6 to 11
San Marcial	SMC W-03-A	SO-0247	West of LFCC	Medium	33.681701	-107.000299	1.45	0.81	10.74	20.25	8 to 12
San Marcial	SMC W-04-A	SO-0249	Between Rio and LFCC	High	33.681402	-106.99986	1.57	0.34	8.13	20.49	6 to 9
San Marcial	SMC W-05-A	SO-0250	Between Rio and LFCC	High	33.679477	-106.997853	2.29	0.84	10.84	20	6 to 13
San Marcial	SMC W-04-B	SO-0261	Between Rio and LFCC	High	33.681402	-106.99986	1.57	0.51	7.89	43.24	5 to 9
South Bosque Boundary	SBB E-01-A	SO-0213	East of Rio	High	33.721361	-106.911944	1.73	1.08	12.11	17	6 to 16
South Bosque Boundary	SBB E-02-A	SO-0215	East of Rio	High	33.720817	-106.911576	1.68	0.66	13.15	21.55	8 to 17
South Bosque Boundary	SBB W-01-A	SO-0219	West of LFCC	Medium	33.725543	-106.920821	1.74	1.32	4.88	20.13	3 to 7
South Bosque Boundary	SBB W-02-A	SO-0221	West of LFCC	Medium	33.723897	-106.917029	1.57	1.22	8.54	18.13	5 to 11
South Bosque Boundary	SBB W-03-A	SO-0223	West of LFCC	High	33.723394	-106.915151	1.79	1	11.15	19.6	7 to 13
South Bosque Boundary	SBB W-03-B	SO-0224	West of LFCC	High	33.723394	-106.915151	1.79	0.92	11.02	47.7	7 to 12
South Bosque Boundary	SBB W-05-A	SO-0226	Between Rio and LFCC	High	33.722003	-106.912433	2.01	1.15	12.66	20.4	9 to 17

Peizometer that share the same casing

SO-0125 / BRN E-01-A (shallow)



SO-0125 / BRN E-01-A (Shallow)

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.20	0.82	5.7	20.1	3 to 12

Site conditions: Grazing, wildlife likely, Fire Ants

Cell service: 3 bars (Verizon).

Access for vehicles: Yes, though road floods when river is high and after heavy rain.

Overhead obstructions: No

Site obstructions: Well is in dense foliage and will require clearing around the site before use

Equipment: Well is unequipped and allows for future equipment.

Vandalism Risk: Private property with very low vandalism chances.

Well camera data: no

SO-0131 / BRN E-04-B (shallow)



SO-0131 / BRN E-04-B (Shallow)

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.35	0.94	2.66	16.92	1 to 6

Site conditions: Grazing, wildlife likely.

Cell service: 3 bars (Verizon).

Access for vehicles: No ~300 yards from road.

Overhead obstructions: No

Site obstructions: None, no posts around well

Equipment: Well is unequipped and allows for future equipment.

Vandalism Risk: Private property with very low vandalism chances.

Well camera data: no

SO-0140 / BRN W-03-A



SO-0140 / BRN W-03-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.24	1.56	12.18	19.91	10 to 14

Site conditions: Casing accessible by road,

Cell service: Cell coverage 3 bars (Verizon and Other).

Access for vehicles: mostly hidden by scrub and debris; ground around the well is uneven.

Overhead obstructions: No overhead obstructions

Site obstructions:

Equipment: Well is unequipped. Wellhead can support future equipment installation.

Vandalism Risk: medium

Well camera data: No well imagery taken.

SO-0142 / BRN W-04-A



SO-0142 / BRN W-04-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.19	1.02	9.5	22.15	8 to 11

Site conditions: clear of debris, along ditch road

Cell service: Cell coverage 3 bars (Verizon and Other)

Access for vehicles: Accessible by road

Overhead obstructions: No overhead obstructions.

Site obstructions:

Equipment: No, well is unequipped, Yes, wellhead can support future equipment installation.

Vandalism Risk: medium

Well camera data: Top screened interval: 7.62 ft, Top water: 9.52, Well bottom: 21.62

SO-0144 / BRN W-05-A (Shares the same outer casing as SO-0145 / BRN W-05B)



SO-0144 / BRN W-05-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.22	2.78	8.6	19.09	6 to 14

Site conditions:

Cell service:Cell coverage 4+ bars (Verizon and Other).

Access for vehicles:Well accessible by road on levee, not via picnic area as jetty jacks are between the picnic area and the well.

Overhead obstructions:No overhead obstructions.

Site obstructions:

Equipment:Well is unequipped. Wellhead cannot support future equipment installation.

Vandalism Risk: medium

Well camera data: Top screened interval: 5.28 ft, Top water: 7.56 ft

SO-0145 / BRN W-05-B (Shares the same outer casing as SO-0144 / BRN W-05A)



SO-0145 / BRN W-05-B

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.22	1.92	8.49	52.02	6 to 14

Cell service: Cell coverage 4+ bars (Verizon and Other).

Access for vehicles: Well accessible from levee road, not from picnic area as jetty jacks are between picnic area and well.

Overhead obstructions: No overhead obstructions

Site obstructions:

Equipment: Well is unequipped. Wellhead can support future equipment installation.

Vandalism Risk: medium

Well camera data: Top water: 8.46 ft, Top screened interval: 48.02 ft, Bottom: 52.55

SO-0146 / ESC E-01-A



SO-0146 / ESC E-01-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.88	1.39	9.69	20.49	8 to 12

Site conditions:Next to a frequented recreation area next to the bridge. Key for casing.

Cell service:Cell service 4+ (Tmobile).

Access for vehicles:Accessible by vehicle.

Overhead obstructions:No overhead obstructions.

Site obstructions: Well has posts surrounding it. Space to install equipment.

Equipment: Well is currently equipped. Wellhead can support future equipment installation.

Vandalism Risk: high

Well camera data:top of screen casing 6.02' from side camera, top of screen slots 6.75' side camera, water 9.73', bottom 20.28

SO-0148 / ESC E-02-A



SO-0148 / ESC E-02-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.95	1.12	10.52	19.7	9 to 12

Site conditions: Next to heavily used "recreation area." key for casing.

Cell service:Cell service 4 bars or more (tmobile).

Access for vehicles:Accessible by vehicle.

Overhead obstructions:powerlines ~20' overhead but not obstructing

Site obstructions:Grown over vegetation.

Equipment:Well is currently equipped. Wellhead can support future equipment installation

Vandalism Risk:Pretty visible by the recreation area, high risk.

Well camera data: top of screen casing 6.41' from side camera, top of screen slots 6.81', water 10.55' from bottom camera

SO-0160 / ESC W-02-A



SO-0160 / ESC W-02-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.1	1.04	10.45	21.1	8 to 11

Site conditions:The well is easily viewed from the road.

Cell service:Cell service 4+ (Tmobile).

Access for vehicles: Yes

Overhead obstructions:No overhead obstructions.

Site obstructions: posts around well

Equipment:Well is currently equipped. Wellhead can support future equipment installation.

Vandalism Risk:The site is a couple of hundred feet from a relatively busy road next to Escondida Lake (Pueblitos Rd). High

Well camera data: Well imagery:top of screen casing 6.18', water 10.48', bottom 20.77'
offset 0.86' (1.94' - 1.08' = 0.86') starting at 0.89'

SO-0163 / ESC W-04-A



SO-0163 / ESC W-04-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.37	1.48	8.97	17.57	6 to 10

Site conditions: Well casing is grown over with vegetation. ~15' from road. Casing knocked over.

Cell service: Cell service 4 bars or more.

Access for vehicles: yes

Overhead obstructions: powerlines ~20' overhead, not obstructing.

Site obstructions: Casing has posts around well, one post entirely knocked over.

Equipment: No, well is unequipped. No, wellhead will need repair before equipment can be installed.

Vandalism Risk: High vandalism risk.

Well camera data: Well bent, camera stuck 2.88'

SO-0165 / ESC W-05-A (Shares the same outer casing as SO-0166 / ESC W-05B)



SO-0165 / ESC W-05-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.99	2.05	9.32	19.66	8 to 12

Site conditions: Right next to picnic table and fire ring, one of the posts is already down. Highly visible from Pueblitos rd. Vehicle access.

Cell service: Cell service 3 bars (tmobile).

Access for vehicles: yes

Overhead obstructions: No overhead obstructions.

Site obstructions: posts

Equipment: Yes, well is currently equipped. Inner casing is broken, MP is below concrete pad level, may affect equipment potential.

Vandalism Risk: high

Well camera data: Top of screen slots - 5.42' with side cam, Water at 9.36'

SO-0166 / ESC W-05-B-deep (Shares the same outer casing as SO-0165 / ESC W-05A)



SO-0166 / ESC W-05-B-deep

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.99	N/A	9.07	53.15	8 to 12

Site conditions: Right next to picnic table and fire ring, one of the posts is already down. Highly visible from Pueblitos rd. Vehicle access.

Cell service:Cell service 3 bars (tmobile).

Access for vehicles: yes

Overhead obstructions:No overhead obstructions.

Site obstructions: posts

Equipment:Yes, well is currently equipped. Inner casing is broken, MP is below concrete pad level, may affect equipment potential.

Vandalism Risk: high

Well camera data:Screen slot top: 48.9', Bottom 53'

SO-0167/HWY E-01-A



SO-0167/HWY E-01-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.94	1.36	3.61	20.03	1 to 14

Site conditions: A combo lock is needed to access the sites.

Cell service: Cell coverage 4+ bars (Tmobile).

Access for vehicles:No vehicle access.

Overhead obstructions:Overhead vegetation.Overhead veg can be cleared easily.

Site obstructions:Maybe can cross river at clearing ~100yrds north from well. Be prepared to clear path with loppers.

Equipment:Unequipped well.Well can support future equipment.

Vandalism Risk: Low vandalism risk, nowhere near roads.

Well camera data: no

SO-0170 / HWY E-03-A



SO-0170 / HWY E-03-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.75	1.75	3.16	18.13	0 to 10

Site conditions: Drive through field until north of points, cross fence then ¼ mile south through salt cedar to well, light cattle trail.

Cell service: Cell service 4+ bars (Tmobile).

Access for vehicles: no

Overhead obstructions: No overhead obstructions.

Site obstructions: Potential flood risk, casing was white in old photo, now very rusted.

Equipment: Well is unequipped. Yes can support future equipment.

Vandalism Risk: No vandalism risk.

Well camera data: no

SO-0175/HWY W-04-A



SO-0175/HWY W-04-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.98	1.59	8.01	19.37	7 to 11

Site conditions: Along LFCC access. Site in good condition with good access.

Cell service: Verizon 4 bars, TMobile 3 bars.

Access for vehicles: can drive directly to the site. very close to hwy 380

Overhead obstructions: no overhead obstructions.

Site obstructions:

Equipment: No, well is unequipped. Yes, wellhead can support future equipment installation.

Vandalism Risk: Site is highly visible along LFCC, vandalism fairly high.

Well camera data: screens @ 5.5, water @ 8.14

SO-0177 / HWY W-05-A



SO-0177 / HWY W-05-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.92	1.61	7.31	20	6 to 11

Site conditions:

Cell service:Verizon and tmobile 3 bars.

Access for vehicles:Easily drive to site.

Overhead obstructions:no overhead obstructions or major vegetation.

Site obstructions:

Equipment:No, well is unequipped. Yes, wellhead can support future equipment installation.

Vandalism Risk:highly visible from the LFCC road

Well camera data: screen at 5.25', water at 7.40', bottom at 12.2

SO-0189 / HWY W-11-A (Shares the same outer casing as SO-0190 / HWY W-11B)



SO-0189 / HWY W-11-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.39	1.01	9.85	20	6 to 16

Cell service:Verizon and Other 4+ bars.

Access for vehicles: Accessible by vehicle

Overhead obstructions:Overhead vegetation.

Site obstructions:some woody debris around casing.

Equipment:No, well is unequipped. Need to clear tree debris around casing before installation.

Vandalism Risk: high

Well camera data:Top screened interval: 8.81 ft, Top water: 9.89 ft, Bottom well: 16.48ft

SO-0190 / HWY W-11-B (Shares the same outer casing as SO-0189 / HWY W-11A)



SO-0190 / HWY W-11-B

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.39	1.93	9.18	55.42	6 to 17

Cell service:Verizon and Other 4+ bars.

Access for vehicles: Accessible by vehicle

Overhead obstructions:Overhead vegetation.

Site obstructions:some woody debris around casing.

Equipment:No, well is unequipped. Need to clear tree debris around casing before installation.

Vandalism Risk: high

Well camera data: Water top: 9.52 ft, top screen: 51.23 ft, well bottom: 56.05.

SO-0191 / SAC E-01-A



SO-0191 / SAC E-01-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
3.24	0.1	11.83	21.8	NA

Site conditions:

Cell service: 2 bars of verizon

Access for vehicles: **NO**, must cross river and walk over a half mile to site

Overhead obstructions: No overhead vegetation.

Site obstructions: A bit over grown with vegetation. Surrounded by 4 posts.

Equipment: No, well is unequipped. **This well is only 1 inch in diameter, a narrow pressure transducer may be required.**

Vandalism Risk: Very low risk, well on restricted refuge land

Well camera data: well too narrow to collect camera footage.

SO-0194 / SAC E-03-A



SO-0194 / SAC E-01-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (UP)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.57	.05	17.30	24.22	NA

Site conditions:

Cell service: 2 bars

Access for vehicles: **NO**, must cross river and walk over a half mile to site

Overhead obstructions: No overhead vegetation.

Site obstructions: near large burned area, well escaped the burn, lots of roots removed

Equipment: No, well is unequipped. **This well is only 1 inch in diameter, a narrow pressure transducer may be required.**

Vandalism Risk: No risk, very protected

Well camera data: well too narrow to facilitate camera, and very far from road

SO-0200 / SAC W-03-A



SO-0204 / SAC W-05-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.92	1.11	13.66	19.95	12 to 16

Site conditions:

Cell service: Verizon and Other 4+ bars.

Access for vehicles: yes

Overhead obstructions: No overhead vegetation.

Site obstructions: A bit over grown with vegetation. Surrounded by 4 posts.

Equipment: No, well is unequipped. Yes, wellhead can support future equipment installation.

Vandalism Risk: Right next to service road, highly visible.

Well camera data: opted to not take camera, could be collected if needed.

SO-0204 / SAC W-05-A



SO-0204 / SAC W-05-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.04	1.02	16.18	23.4	12 to 16

Site conditions:

Cell service: Verizon and Other 4+ bars.

Access for vehicles: yes

Overhead obstructions: No overhead vegetation.

Site obstructions: A bit over grown with vegetation. Surrounded by 4 posts.

Equipment: No, well is unequipped. Yes, wellhead can support future equipment installation.

Vandalism Risk: Right next to service road, highly visible.

Well camera data: top of screen slots 8.92', water 16.24, bottom 22.74'

SO-0213 / SBB E-01-A



SO-0213 / SBB E-01-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.73	1.08	12.11	17.0	6 to 16

Site conditions: Grazing, wildlife likely

Cell service: 2 bars (Verizon).

Access for vehicles: No vehicle access, must cross river to access. Boat required when flow is greater than 300 cfs.

Overhead obstructions: No

Site obstructions: River Crossing.

Equipment: Well is unequipped and allows for future equipment.

Vandalism Risk: Private property with very low vandalism chances.

Well camera data: no, unable to transport camera across river.

SO-0215 / SBB E-02-A



SO-0215 / SBB E-02-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.68	0.66	13.15	21.55	8 to 16

Site conditions: Grazing, wildlife likely

Cell service: 2 bars (Verizon).

Access for vehicles: No vehicle access, must cross river to access. Boat required when flow is greater than 300 cfs.

Overhead obstructions: No

Site obstructions: River Crossing.

Equipment: Well is unequipped and allows for future equipment.

Vandalism Risk: Private property with very low vandalism chances.

Well camera data: no, unable to transport camera across river.

SO-0219 / SBB W-01-A



SO-0219 / SBB W-01-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.74	1.32	4.88	20.13	3 to 7

Site conditions: 1/3 mile from ditch road.

Cell service: Cell service 3 bars (Tmobile).

Access for vehicles: No vehicle access.

Overhead obstructions: No overhead obstructions or vegetation.

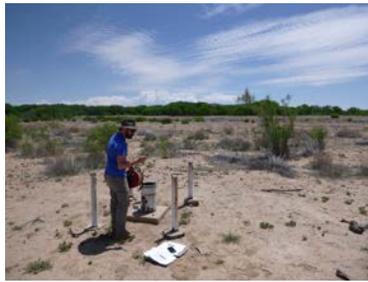
Site obstructions:

Equipment: Unequipped. Able to be equipped.

Vandalism Risk: Low wildlife or vandalism risk.

Well camera data: No camera.

SO-0221 / SBB W-02-B (shallow)



SO-0221 / SBB W-02-B (shallow)

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.57	1.22	8.54	18.13	5 to 11

Site conditions: ~200 yards from ditch road.

Cell service: Cell service 3 bars (Tmobile).

Access for vehicles: No vehicle access.

Overhead obstructions: No overhead obstructions or vegetation.

Site obstructions:

Equipment: Unequipped. Able to be equipped.

Vandalism Risk: Low wildlife or vandalism risk.

Well camera data: No camera.

SO- 0223 / SBB W-03-A (Shares the same outer casing as SO-0224 / SBB W-03A)



SO-0223 / SBB W-03-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.79	1.00	11.15	19.60	7 to 13

Site conditions: Bridge gate dummy locked but both locks need keys if locked.

Cell service: Cell service 3 bars (Tmobile).

Access for vehicles: Easy access assuming bridge is unlocked.

Overhead obstructions: No overhead obstructions.

Site obstructions:

Equipment: Well unequipped. Well can support future equipment.

Vandalism Risk:Low vandalism or wildlife risk.

Well camera data: No camera, PVC warped.

SO- 0224 / SBB W-03-B-deep (Shares the same outer casing as SO-0225 / SBB W-03B)



SO-0224 / SBB W-03-B-deep

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.79	0.92	11.02	47.7	7 to 12

Site conditions: Bridge gate dummy locked but both locks need keys if locked.

Cell service: Cell service 3 bars (Tmobile).

Access for vehicles: Easy access assuming bridge is unlocked.

Overhead obstructions: No overhead obstructions.

Site obstructions:

Equipment: Well unequipped. Well can support future equipment.

Vandalism Risk:Low vandalism or wildlife risk.

Well camera data: No camera, PVC warped.

SO-0226 / SBB W-05-A



SO-0226 / SBB W-05-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.01	1.15	12.66	20.40	9 to 17

Site conditions: Amendaris ranch. Gate code 5456.

Cell service: Cell service: 4+ bars (Tmobile).

Access for vehicles: Easy to drive to.

Overhead obstructions:

Site obstructions: Tree branches ~20' overhead.

Equipment: Currently equipped but will be removed (forgotten Diver). Yes, can be equipped in future.

Vandalism Risk: Low vandalism risk.

Well camera data: Screen top at 5.60', Bottom 20.40'

SO-0234 / SFC W-02-A



SO-0234 / SFC W-02-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.98	1.01	5.9	Est. ~20 ft	3 to 7

Site conditions: Someone is actively clearing salt cedar and has replowed road. Site is in burned out area, but wells look okay. Roots will be removed from well before installation.

Cell service: Verizon 1 bar.

Access for vehicles: Cannot drive to this site, a new access road could be added fairly easily.

Overhead obstructions: Overhead vegetation.

Site obstructions:

Equipment: No, well is unequipped. Would need to trim tree for future equipment. Tree above wellhead will limit antenna, room for equip.

Vandalism Risk: not visible to road traffic. moderate wildlife risk

Well camera data: no

SO-0236 / SFC W-03-A



SO-0236 / SFC W-03-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.83	1.09	5.65	19.57	2 to 8

Site conditions: Use newly graded access road, then walk. Site is generally open, located about 50 yds off side access road.

Cell service: Verizon 2 bar, Tmobile 3 bar.

Access for vehicles: Can NOT currently drive to the site.

Overhead obstructions:No overhead vegetation.

Site obstructions:

Equipment: space to install equipment. No, well is unequipped. Yes, wellhead can support future equipment installation.

Vandalism Risk: Site is not highly visible. About 50 yards off side access road. wildlife is moderate

Well camera data: no

SO-0238 / SFC W-04-A



SO-0238 / SFC W-04-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.04	1.01	4.49	20.23	2 to 6

Site conditions: Site highly visible to people on the road. These wells are in a slight depression next to the road. No pipes surrounding wells for protection there are pipes just buried in mesquite.

Cell service: Verizon 2 bars, Tmobile 3 bars.

Access for vehicles: Site along open road.

Overhead obstructions: No overhead vegetation.

Site obstructions: mesquite plants surrounding wells

Equipment:No, well is unequipped. Some cleaning of mesquite required to install equipment.

Vandalism Risk:

Well camera data: top of screens hard to see, at about 6.7' depth, screened all the way. collar at 10.7'? Bottom at 20.2'

SO-0245 / SMC W-01-B



SO-0245 / SMC W-01-B

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.78	0.79	6.73	49.66	4 to 10

Site conditions: Access could be difficult/muddy on wet days, the site is in a lower elevation spot.

Cell service: Verizon 2 bars, Tmobile 3 bars.

Access for vehicles: Site accessible from public roads.

Overhead obstructions:

Site obstructions: The entrance is constrained by metal fencing but directly overhead is clear.

Equipment: No, well is unequipped. Yes, wellhead can support future equipment installation.

Vandalism Risk: Site is not highly visible, along a side access road.

Well camera data: water @ 6.7, screens @ 46 screen clear, bottom @ 50

SO-0246 / SMC W-02-A



SO-0246 / SMC W-02-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.9	1		Est ~ 20 ft	6 to 11

Site conditions: Site behind barbed wire, very overgrown (chamisa?) and hard to see. Have to crawl under fence, then about 20-30' feet downhill, Well needs to have roots removed,

Cell service: Verizon 2 bars, Tmobile 3 bars.

Access for vehicles: On a public road, but behind fence.

Overhead obstructions: Overhead vegetation.

Site obstructions:

Equipment: No, well is unequipped. Future equipment doubtful.

Vandalism Risk: low

Well camera data: no

SO-0247 / SMC W-03-A



SO-0247 / SMC W-03-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.45	0.81	10.74	20.25	8 to 12

Site conditions: Site easily viewable from road. Along open road. Key for outer casing.

Cell service: Verizon 2 bars, Tmobile 3 bars.

Access for vehicles: Along open road next to LFCC drive to site.

Overhead obstructions: No overhead obstructions.

Site obstructions: Room for equipment okay. No large plants/trees.

Equipment:No, well is unequipped. Yes, wellhead can support future equipment installation.

Vandalism Risk: Highly visible location along main road. Minimal wildlife concern.

Well camera data: screens at 5.9', water at 10.75', lost weight at 14.3' - casing likely bent/pinched

SO-0249 / SMC W-04-A (Shares the same outer casing as SO-0261 / SMC W-04B)



SO-0249 / SMC W-04-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.57	0.34	8.13	20.49	6 to 9

Site conditions: Site along open access road along LFCC.

Cell service: 2 bars Verizon, 4+ Tmobile.

Access for vehicles:

Overhead obstructions: No overhead obstructions.

Site obstructions:

Equipment: No, well is unequipped. No, wellhead will need repair before equipment can be installed.

Vandalism Risk: seems low but the casing has bullet holes in it so it's high

Well camera data: 6.12' beginning of screen, 8.12' water

SO-0250 / SMC W-05-A



SO-0250 / SMC W-05-A

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
2.29	0.84	10.84	20	6 to 13

Site conditions: Access is clear and easy.

Cell service: 2 bars Verizon 3 bars Tmobile.

Access for vehicles: Site along open road.

Overhead obstructions: No overhead obstructions.

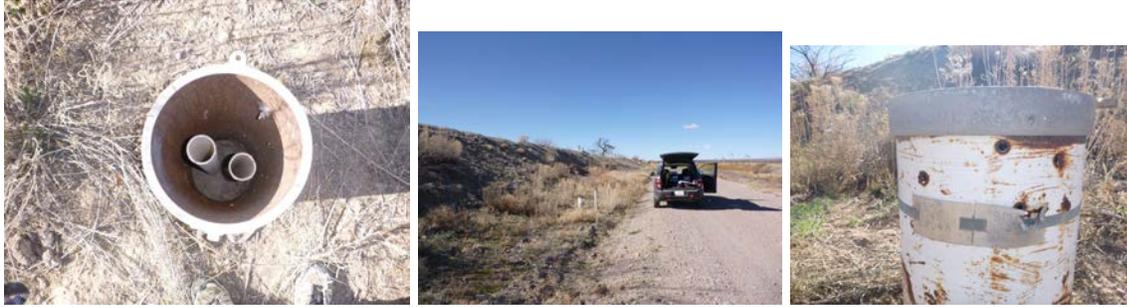
Site obstructions: Yes space for equipment

Equipment:No, well is unequipped. Yes, wellhead can support future equipment installation.

Vandalism Risk: Site is close to Rio Grande, two cars drove by in the time we were there. Site is in bosque so wildlife is likely.

Well camera data: 10.9' water table. 15.13' silt/bottom. Did not observe any screens.

SO-0261 / SMC W-04-B (Shares the same outer casing as SO-0249 / SMC W-04A)



SO-0261 / SMC W-04-B

Height of outer casing (up)	Difference in height between outcasing and inner casing (down)	DTW (ft BTOC)	TD (ft BTOC)	Annual Range of Water Levels (ft)
1.57	0.51	7.89	43.24	5 to 9

Site conditions: Site along open access road along LFCC.

Cell service: 2 bars Verizon, 4+ Tmobile.

Access for vehicles:

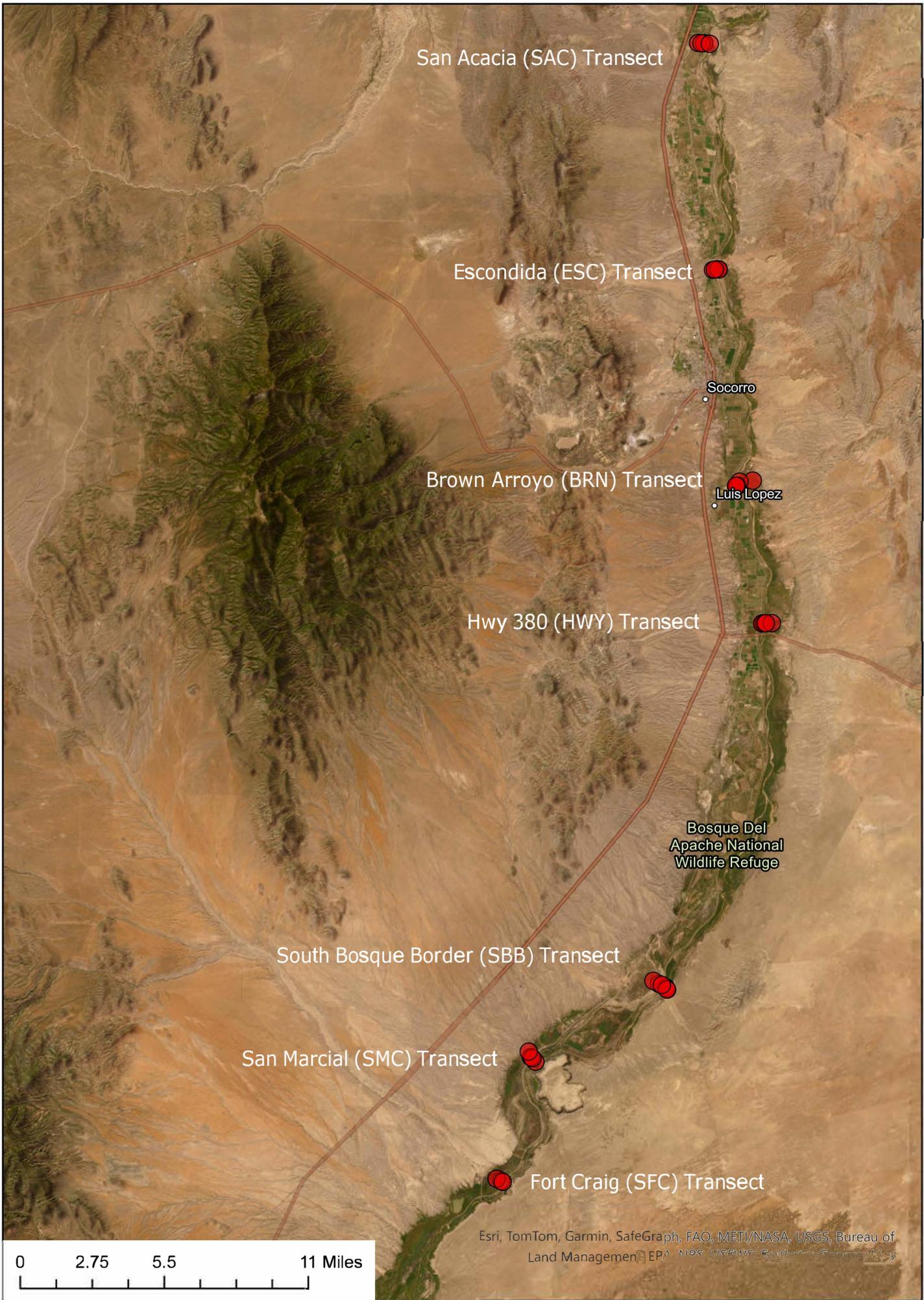
Overhead obstructions: No overhead obstructions.

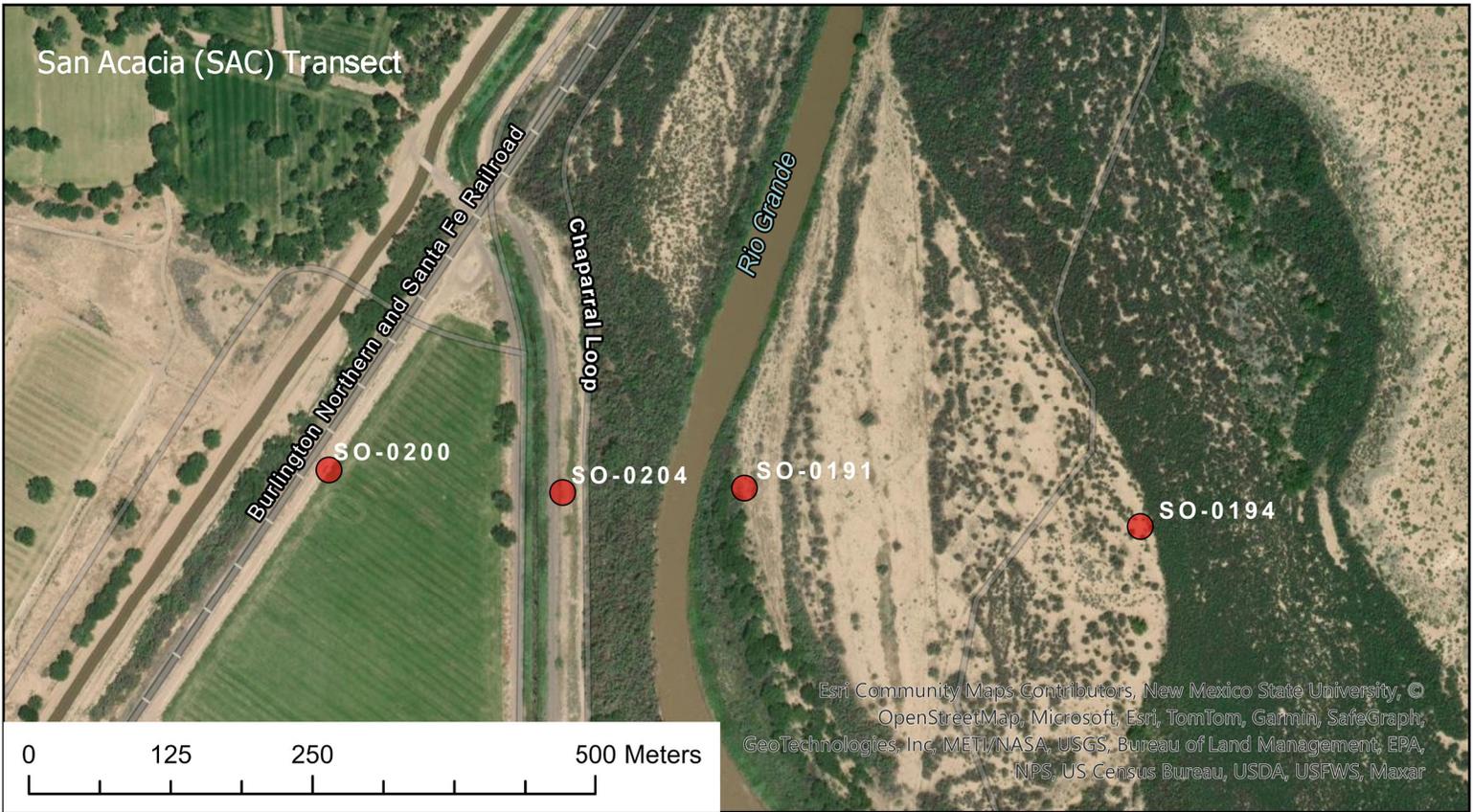
Site obstructions:

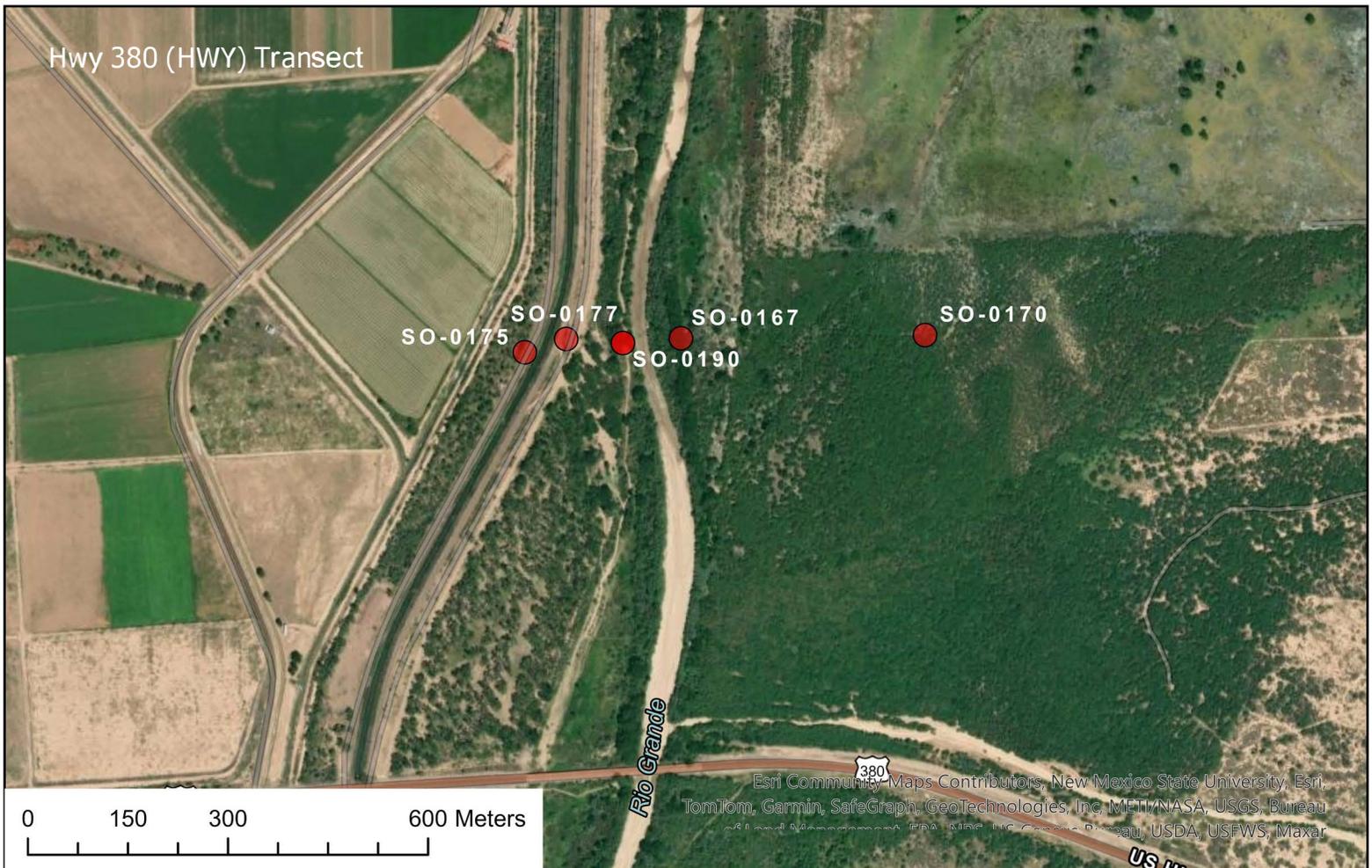
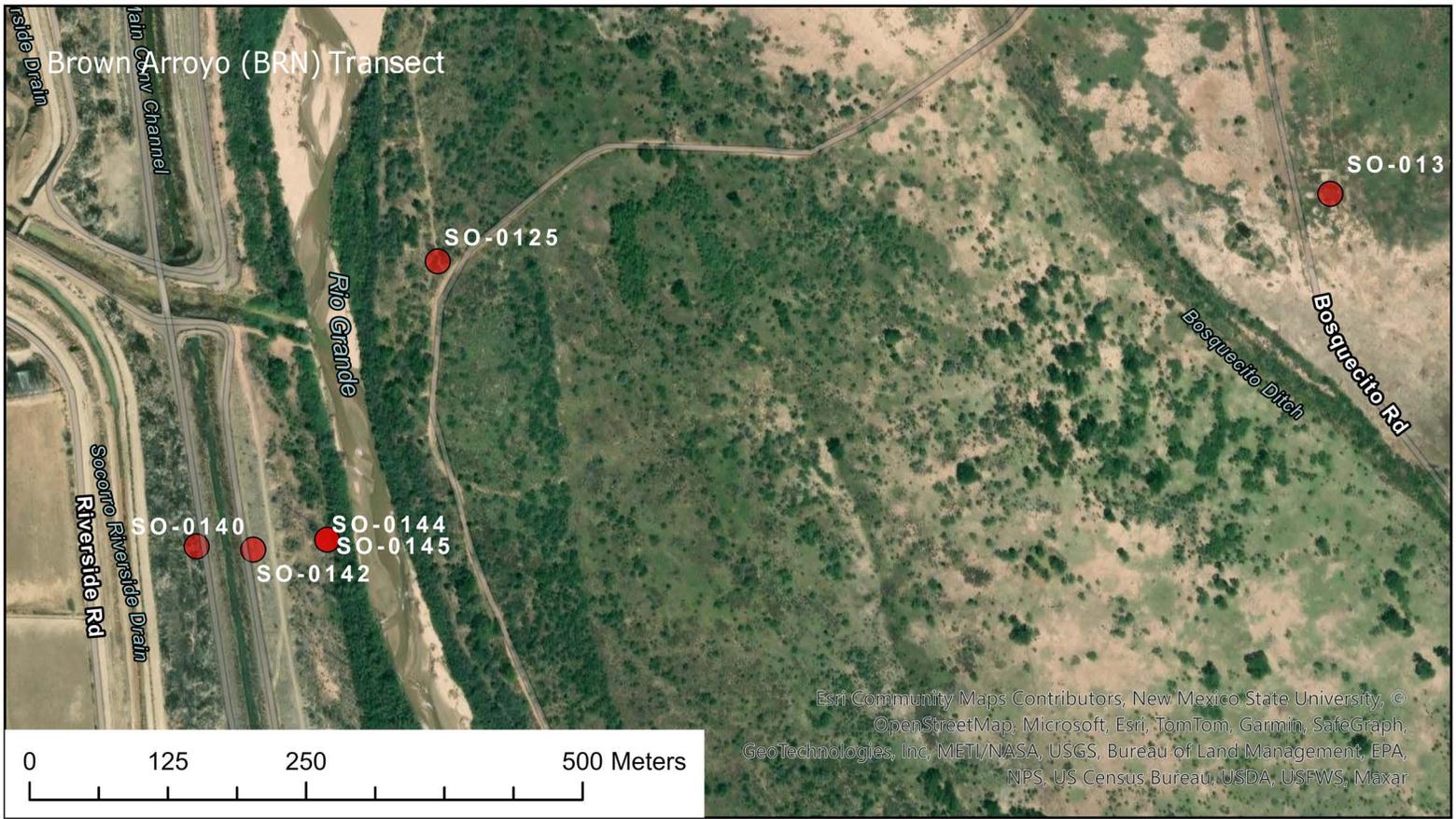
Equipment: No, well is unequipped. No, wellhead will need repair before equipment can be installed.

Vandalism Risk: seems low but the casing has bullet holes in it so it's high

Well camera data: 8.15' water, 22.2' hit bottom No screens observed







South Bosque Border (SBB) Transect

SO-0219

SO-0221

SO-0224
SO-0223

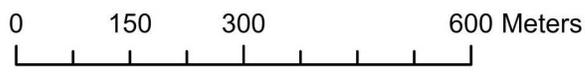
SO-0226

SO-0213

SO-0215

Rio Grande

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San Marcial (SMC) Transect

SO-0245

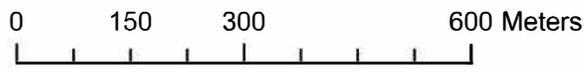
SO-0246
SO-0247
SO-0249
SO-0261

SO-0250

Rio Grande Main Cony Channel

Rio Grande

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Fort Craig (SFC) Transect

SO-0234

SO-0236

SO-0238

Rio Grande

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