Jackson Johnson/AZSO/AZ/BLM/DOI
06/02/2010 07:13 AM

To Jim Renthal/AZSO/AZ/BLM/DOI@BLM
cc
bcc
Subject Fw: SPRNCA

Jim,

(I've had this in draft for a few days) I'm attaching what David is asking for. Give me a call.

SPRNCA legal description adjustments.docx Figure1.pdf Figure2.pdf Figure3.pdf

Jackson C. Johnson
BLM - Arizona State Office
GIS Co-Manager
W - 602 417-9329
C - 602 509-1940
jackson_johnson@blm.gov

—— Forwarded by Jackson Johnson/AZSO/AZ/BLM/DOI on 05/27/2010 09:57 AM ——

"David A. Keadle" <dakeadle@azwater.gov>
05/27/2010 09:31 AM

To "'Jackson_Johnson@blm.gov'" <Jackson_Johnson@blm.gov>
cc
Subject RE: SPRNCA

Hi Jack-

If at all possible, lets proceed with the draft placeholder legal description you provided ADWR. Could you please send me the appendix supporting documents you provided in final format – not draft – and in BLM letterhead, so we may proceed to finalize the SPRNCA report. Give me a call if you have any questions or any update on your end. I can arrange to meet with you at your offices to pick up the final packet. Thanks for all your help with this report.

Regards,

David Keadle
Surface Water - Adjudications
(602) 771-8406

Please consider the environment before printing this e-mail

From: Jackson_Johnson@blm.gov [mailto:Jackson_Johnson@blm.gov]
Sent: Tuesday, May 18, 2010 10:38 AM
To: David A. Keadle
Cc: Richard Burtell

Subject: RE: SPRNCA

I think it's safe to assume that we're talking weeks, at least.

When I asked about supporting docs, I meant the mtp's, survey notes, etc. that would show how and why the changes were made.

Jackson C. Johnson
BLM - Arizona State Office
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"David A. Keadle" <dakeadle@azwater.gov>

05/17/2010 09:43 AM

To "Jackson_Johnson@blm.gov" <Jackson_Johnson@blm.gov>
cc Richard Burtell <rtburtell@azwater.gov>
Subject RE: SPRNCA

Hi Jack -

The documents BLM has submitted can serve as a place holder but would not serve as an finalized disclosure. The approved revisions to the legal description have the direct effect of supporting all the work you have done to accurately describe the NCA and its size. Do you have an idea of the timeline it will take to get signatures and approval from Washington? If we are talking weeks or months we may have to proceed with a placeholder statement on BLM's behalf.

Let me know what you think works in BLM's best interest. Talk to you soon.

David Keadle
Surface Water - Adjudications
(602) 771-8406

Please consider the environment before printing this e-mail

From: Jackson_Johnson@blm.gov [mailto:Jackson_Johnson@blm.gov]

Sent: Monday, May 17, 2010 9:27 AM
To: David A. Keadle
Cc: Jim_Renthal@blm.gov
Subject: Re: SPRNCA

Hi David,

Nothing yet on the final submission to Washington. A question for you: Do you feel like you have all the supporting docs you need?

Jackson C. Johnson
BLM - Arizona State Office
GIS Co-Manager
W - 602 417-9329
C - 602 509-1940
jackson_johnson@blm.gov

"David A. Keadle" <dakeadle@azwater.gov>

05/17/2010 08:50 AM

To "Jackson_Johnson@blm.gov" <Jackson_Johnson@blm.gov>
cc
Subject SPRNCA

Morning Jack-

Any updates on your end regarding SPRNCA? We are done with our internal move so now I can get back to finalizing the report.

Regards,

David Keadle
Surface Water - Adjudications

BLM SPRNCA SUMMARY REPORT

1. Background Information

- The original SPRNCA legal description is dated November 14, 1989
- Cadastral surveys of the areas in attached Figures 2 and 3 of the SPRNCA boundary by the BLM were approved on November 22, 1995.
- The updated legal description contains three differences from the original legal description based on a) cadastral survey, b) review of original legal description, or c) review of deeds.
- To improve accuracy, an improved Public Land Survey System (PLSS) known as the Geographic Coordinate Database (GCDB) was used to create the boundary in digital format.

2. Differences between original legal description and current GIS shapefile and why they were modified.

- In T18S, R21E, Section 31: The original description included "Thence west to the northwest corner of said land grant". This was not possible given the location of the previous point which is described as "Thence south along the section line to the boundary of the San Juan De Las Boquillas Y Nogales land grant" To make the description logical, the phrase "Thence west to the northwest corner of said land grant" was deleted. See attached Figure 1.
- In T18S, R21E, Section 33, NW¼. The original description was modified with several bearing and distance descriptions based on the cadastral survey of the boundary in this northwest quarter of the section. It was decided by cadastral survey to use existing local monuments as the best attainable evidence to determine the correct boundary. See attached Figure 2.
- In T18S, R21E, Sections 17 and 20: The original description describes the line as being coincident with the section line between sections 17 and 20. However, in a recorded deed dated March 7, 1986, a parcel described as "EXCEPT the north 30 ft. of the NW ¼, (County Road)" was excluded from conveyance to the federal government. Therefore, this 30 ft. strip was excluded from the boundary.

3. Do the above differences affect the total number of acres within the SPRNCA?

- Yes, they resulted in minor changes in the shape and size of the SPRNCA. The change shown in Figure 2 resulted in an increase of approximately ±5 acres, while the change shown in Figure 3 resulted in a decrease of approximately ±1.8 acres.

- The most accurate determination of total number of acres within the SPRNCA boundary is the current GIS shapefile. Improved accuracy was achieved by aligning the boundary with the updated PLSS, represented by the GCDB.

4. New legal description.

DRAFT

LEGAL DESCRIPTION OF
SAN PEDRO RIPARIAN NATIONAL CONSERVATION AREA

ing at the northwest corner of section 19, T. 18 S., R. 21 E., Gila and Salt River Meridian, Cochise County, Arizona:

Thence south along the section line one-half mile to the east one-quarter section corner of section 24 only, T 18 S, R. 20 E.

Thence west one-half mile along the east-west center line to the center of section 24;

Thence south one-half mile along the north-south center line to the south one-quarter section corner of section 24;

Thence east one-half mile along the section line to the southeast corner of section 24;

Thence south one-half mile along the section line to the west one-quarter section corner of section 30 only; T. 18 S., R. 21 E.;

Thence east one-half mile along the east-west center line to the center of section 30;

Thence south one-half mile along the north-south center line to the south one-quarter section corner of section 30;

Thence east one-half mile along the section line to the northeast corner of section 31, T. 18 S., R. 21 E.;

Thence south along the section line to the boundary of the San Juan De Las Boquillas Y Nogales land grant;

Thence south following the boundary of said land grant approximately two and two-thirds miles to corner No.5, an angle point to tl in the land grant boundary;

Thence southeasterly approximately four miles to the intersection of the land grant boundary line and the section line between sect and 33, T. 19 S., R. 21 E.;

Thence south along section lines approximately one and one-quarter miles to the southeast corner of section 5, T. 20 S., R. 21 E.

Thence west one mile along the section line to the southwest corner of section 5;

Thence south along the section line one and one-quarter miles to the north one-sixteenth corner of sections 17 and 18;

Thence west one-half mile along the east-west one-sixteenth line to the center-north one-sixteenth corner of section 18;

Thence west one-half mile along the east-west one-sixteenth line to the north one-sixteenth corner on the west line of section

Thence south one-quarter mile along the section line to the west one-quarter section corner of section 18;

Thence east one-quarter mile on the east-west center line to the center-west one-sixteenth corner of section 18;

Thence south one-quarter mile on the north-south one-sixteenth line to the southwest one-sixteenth corner of section 18;

Thence east one-quarter mile on the east-west one-sixteenth line to the center south one-sixteenth corner of section 18;

Thence north one-quarter mile on the north-south center line to the center of section 18;

Thence east one-half mile on the east-west center line to the one-quarter section corner of sections 17 and 18;

Thence south one-half mile along the section line to the southwest corner of section 17, T. 20 S., R. 21 E.;

Thence east along the section line one and one-half miles to the north one-quarter section corner of section 21;

Thence south three miles along the north-south center lines of sections 21, 28, and 33 to the township line between T. 20 S. a 21 S;

Thence west along the township line to the northwest corner of section 3, T. 21 S., R. 21 E.;

Thence south one-half mile along the section line to the west one-quarter section corner of section 3;

Thence east on the east-west center line to the boundary of the San Juan De Las Boquillas Y Nogales land grant;

Thence in a southeasterly direction along the boundary of the said land grant to the intersection of the section line between se 10 and 11, T. 21 S., R. 21 E.;

Thence south along section lines approximately three miles to the southwest corner of section 23;

Thence east one-half mile along the section line to the South one-quarter section corner of section 23;

Thence south one mile along the north-south center line of section 26 to the south one-quarter section corner of section 26;

Thence east one-half mile along the section line to the northeast corner of section 35;

Thence south one mile along the section line to the southwest corner of section 36;

Thence east along the township line between T. 21 S. and T. 22 S., approximately one-half mile to the intersection of said lin the boundary of the San Rafael Del Valle land grant;

Thence in a southeasterly direction along the boundary line of said land grant approximately one and one-quarter miles to a p where the east-west center line of the northeast one-quarter of section 12, T. 22 S., R. 21 E., intersects with the land grant bo

Thence west on the east-west one-sixteenth line to the center-north one-sixteenth corner of section 12;

Thence south one-quarter mile on the north-south center line to the center of section 12;

Thence west one-half mile on the east-west center line to the west one-quarter section corner of section 12;

Thence south one-half mile along the section line to the southwest corner of section 12;

Thence west one-quarter mile along the section line to the east one-sixteenth corner of sections 11 and 14;

Thence south one-quarter mile along the north-south one-sixteenth line to the northeast one-sixteenth corner of section 14;

Thence east one-quarter mile along the east-west one-sixteenth line to the north one-sixteenth corner of sections 13 and 14;

Thence east one-quarter mile along the east-west one-sixteenth line in section 13 to the northwest one-sixteenth corner of sai section;

Thence north one-quarter mile along the north-south one-sixteenth line to the west one-sixteenth corner between sections 12

Thence east approximately three-quarters of a mile along the section line to the southeast corner of section 12;

Thence north along the section line approximately one-eighth of a mile to the intersection of the San Rafael Del Valle land g

Thence southeasterly along the boundary of said grant approximately six and one-quarter miles to the intersection of the nortl of-way line of the Hereford Road (Cochise County Road between Hereford and Nicksville);

Thence in an easterly direction along the north edge of the Hereford Road right-of-way approximately one mile to the interse with the prolongation of the north-south center line of section 16, T. 23 S., R. 22 E.;

Thence south along said line approximately one and one-eighth of a mile to the one-quarter section corner of sections 16 and

Thence west along the section line one-half mile to the northwest corner of section 21;

Thence south one-half mile to the west one-quarter section corner of section 21;

Thence east one-half mile along the east-west center line to the center of section 21;

Thence south one-half mile along the north-south center line to the south one-quarter section corner of section 21;

Thence east one and one-half miles along section lines to the southeast corner of section 22;

Thence north one mile along the section line to the northeast corner of section 22;

Thence east one mile along the section line to the southeast corner of section 14;

Thence north one-half mile along the section line to the east one-quarter section corner of section 14;

Thence west one-quarter mile on the east-west center line to the center east one-sixteenth corner of section 14;

Thence south one-quarter mile on the north-south one-sixteenth line to the southeast one-sixteenth corner of section 14,

Thence west one-quarter mile on the east-west one-sixteenth line to the center-south one-sixteenth corner of section 14;

Thence north one-quarter mile on the north-south center line to the center of section 14;

Thence west one-half mile on the east-west center line to the west one-quarter section corner of section 14;

Thence north approximately one-third mile along the section line to the intersection of the San Rafael Del Valle land grant;

PDSPRNCA00148

Thence in a northeasterly direction following the boundary of said land grant approximately one-quarter mile to corner No.2, an a point to the left in the land grant boundary;

Thence in a northwesterly direction along the boundary of said land grant approximately nine and three-quarter miles to the interse of the said land grant boundary and the section line between sections 28 and 29, T. 21 S., R. 22 E.;

Thence north along said section line approximately one and one-half miles to the east one-quarter section corner of section 20;

Thence west one-half mile on the east-west center line to the center of section 20;

Thence north one-half mile along the north-south center line to the one-quarter section corner of sections 17 and 20;

Thence north on the north-south center line to the center of section 17;

Thence west one-half mile on the east-west center line to the west one-quarter section corner of section 17;

Thence north one and one-half miles along the section lines to the northeast corner of section 7;

Thence west one-half mile along the section line to the south one-quarter section corner of section 6;

Thence north one mile on the north-south center line to the north quarter corner of section 6, T. 21 S., R. 22 E.;

Thence west approximately three-quarters of a mile along the township line to the intersection of the township line between T and T. 21 S., and the San Juan De Las Boquillas Y Nogales land grant:

Thence in a northwesterly direction following the boundary of said land grant approximately two miles to the intersection of land grant boundary and the section line between sections 23 and 26, T. 20 S., R. 21 E.;

Thence east along section lines approximately one and one-quarter miles to the southeast corner of section 24, T. 20 S., R. 2

Thence north three and one-half miles along section lines to the west one-quarter section corner of section 6 only, T. 20 S., R

Thence east one-quarter mile along the east-west center line to the center-west one-sixteenth corner of section 6;

Thence north one-half mile on the north-south one-sixteenth line to the west one-sixteenth corner on the north line of section 6, T. R. 22 E.

Thence west approximately two and one-quarter miles along the township lines to the intersection of the township line betwe 19 S. and T. 20 S., and the San Juan De Las Boquillas Y Nogales land grant;

Thence in a northwesterly direction along the boundary of said land grant approximately four and one-half miles to corner N angle point to the right in the land grant boundary;

Thence northerly along said land grant boundary approximately two and one-half miles to corner No. 3, the northeast corner land grant;

Thence north 0°15' 49" west a distance of 204.48 feet;

Thence north 89° 44' 11" east a distance of 446.73 feet;

Thence north 0°15' 49" west a distance of 751 feet;

Thence north 89° 38' 56" west a distance of 2,635.76 feet;

Thence north 0° 05' west a distance of 86 feet;

Thence north 89° 26' west a distance of 1,915 feet;

Thence north 72° 01' west a distance of 743 feet;

Thence south 20° 00' west a distance of 120 feet;

Thence north 72° 01' west a distance of 526 feet to a point at the intersection of the section line between sections 32 and 33, T. 18 21 E., and the El Paso Natural Gas Company's pipeline;

Thence north along said section line approximately three-quarter mile to the west one-quarter section corner of section 28;

Thence east one-quarter mile along the east-west center line to the center-west one-sixteenth corner of section 28;

Thence north one-quarter mile along the north-south one-sixteenth line to the northwest one-sixteenth corner of section 28;

Thence east one-quarter mile along the east-west one-sixteenth line to the center-north one-sixteenth corner of section 28;

Thence north one-quarter mile along the north-south center line to the one-quarter section corner of sections 21 and 28;

Thence north three-quarters of a mile on the north-south center line of section 21 to the center-north one-sixteenth corner of sectio

Thence east approximately one-eighth of a mile along the east-west one-sixteenth line to the intersection with the west right-of-wa of U.S. Highway 80;

Thence in a northwesterly direction along the said highway right-of-way to the intersection of the section line between sections 16

Thence west approximately one mile to the north quarter corner of section 20, T. 18 S., R. 21 E.;

Thence south 30 ft. along the center line of section 20;

Thence west one-half mile to the section line between sections 19 and 20, T. 18 S., R. 21 E.;

Thence north 30 ft. along the section line between sections 19 and 20, T. 18 S., R. 21 E., to the northwest corner of section 20, T. 1 21 E.;

Thence west one mile along the section line between sections 18 and 19 to the northwest corner of section 19, T. 18 S., R. 21 E., w the point of beginning.

ing at the north one-quarter section corner of section 4, T. 24 S., R. 22 E., Gila and Salt River Meridian, Cochise County, Arizona:

Thence south one-quarter mile along the north-south center line to the center north one-sixteenth corner of section 4;

Thence west one-half mile along the east-west one-sixteenth line to the north one-sixteenth corner of sections 4 and 5;

Thence south along said section line one-half mile to the south one-sixteenth corner of sections 4 and 5;

Thence west one-quarter mile on the east-west one-sixteenth line to the southeast one-sixteenth corner of section 5;

Thence south one-quarter mile along the north-south one-sixteenth line to the east one-sixteenth corner between sections 5 and 8;

Thence west three-quarters of a mile along said section line to the northwest corner of section 8;

Thence south along section lines one and one-half miles to the one-quarter section corner of sections 17 and 18;

Thence west three-quarters of a mile along the east-west center line to the center-west one-sixteenth corner of section 18;

Thence south approximately three-quarters of a mile on the north-south one-sixteenth line to the intersection with the International Border, between Arizona and Mexico;

Thence east one and three-quarter miles along said border to the section line between section 20 and 21;

Thence north along section lines approximately one and one-quarter miles to the northeast corner of section 17;

Thence east one-half mile along the section line to the one-quarter section corner of sections 9 and 16;

Thence north three-quarters of a mile along the north-south center line to the center-north one-sixteenth corner of section 9;

Thence east one-quarter mile along the east-west one-sixteenth line to the northeast one-sixteenth corner of section 9;

Thence north one-quarter mile along the north-south one-sixteenth line to the east one-sixteenth corner of section 4 and 9;

Thence east one-quarter mile along the section line to the southeast corner of section 4;

Thence north one-half mile along the section line to the one-quarter section corner of sections 3 and 4;

Thence east one-quarter mile along the east-west center line to the center-west one-sixteenth corner of section 3;

Thence north one-half mile along the north-south one-sixteenth line to the one-sixteenth corner of section 3 on the township line between T. 23 S. and T. 24 S.;

Thence west three-quarters of a mile along said township line to the point of beginning.

ing the following private lands:

ing at the west quarter corner of section 19, T. 21 S., R. 22 E., Gila and Salt River Meridian, Cochise County, Arizona:

Thence east one-half mile along the east-west center line to the center of section 19 of said township;

Thence north approximately three-tenths of a mile along the north-south centerline to its intersection with the center line of th Pedro River;

Thence in a northwesterly direction following the center of the San Pedro River approximately seven-tenths of a mile to the e west center line of section 18, T. 21 S., R. 22 E;

Thence west along the east-west center line of section 18 approximately two-tenths of a mile to the west quarter corner of sec of said township;

Thence west along the east-west center line of section 13 T. 21 S., R. 21 E. approximately 660 feet;

Thence south approximately one-quarter of a mile to the east-west center line of the southeast one-quarter of section 13;

Thence east approximately 660 feet along the east-west center line of the southeast one-quarter of section 13 to the range line between T. 21 E. and R. 22 E.;

Thence south approximately three-quarters of a mile along the west section lines of sections 18 and 19, T. 21 S., R. 22 E., of township to the point of beginning.

al acreage of public lands in the San Pedro Riparian National Conservation Area within the above-described boundary is 53,6

Figure 1

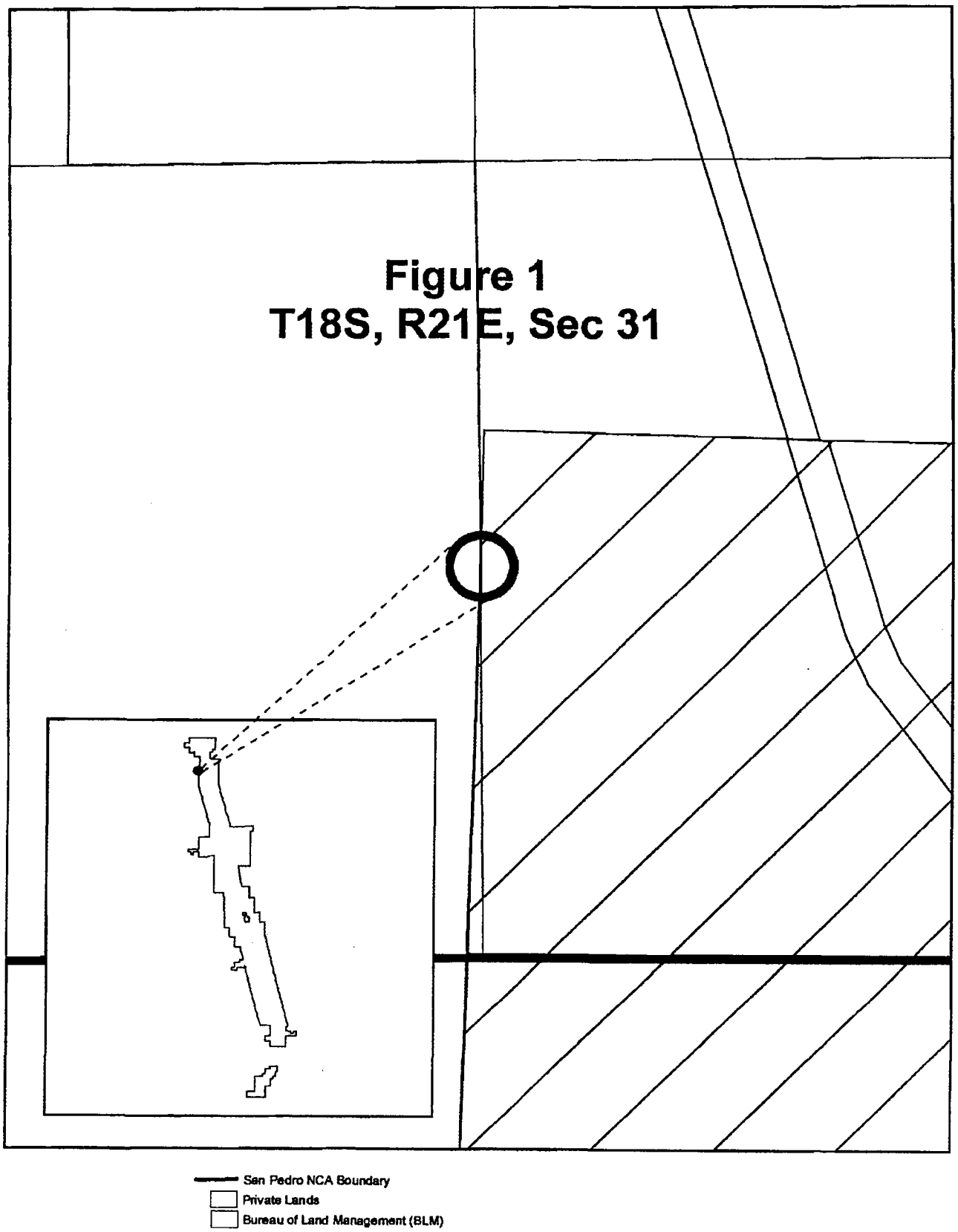
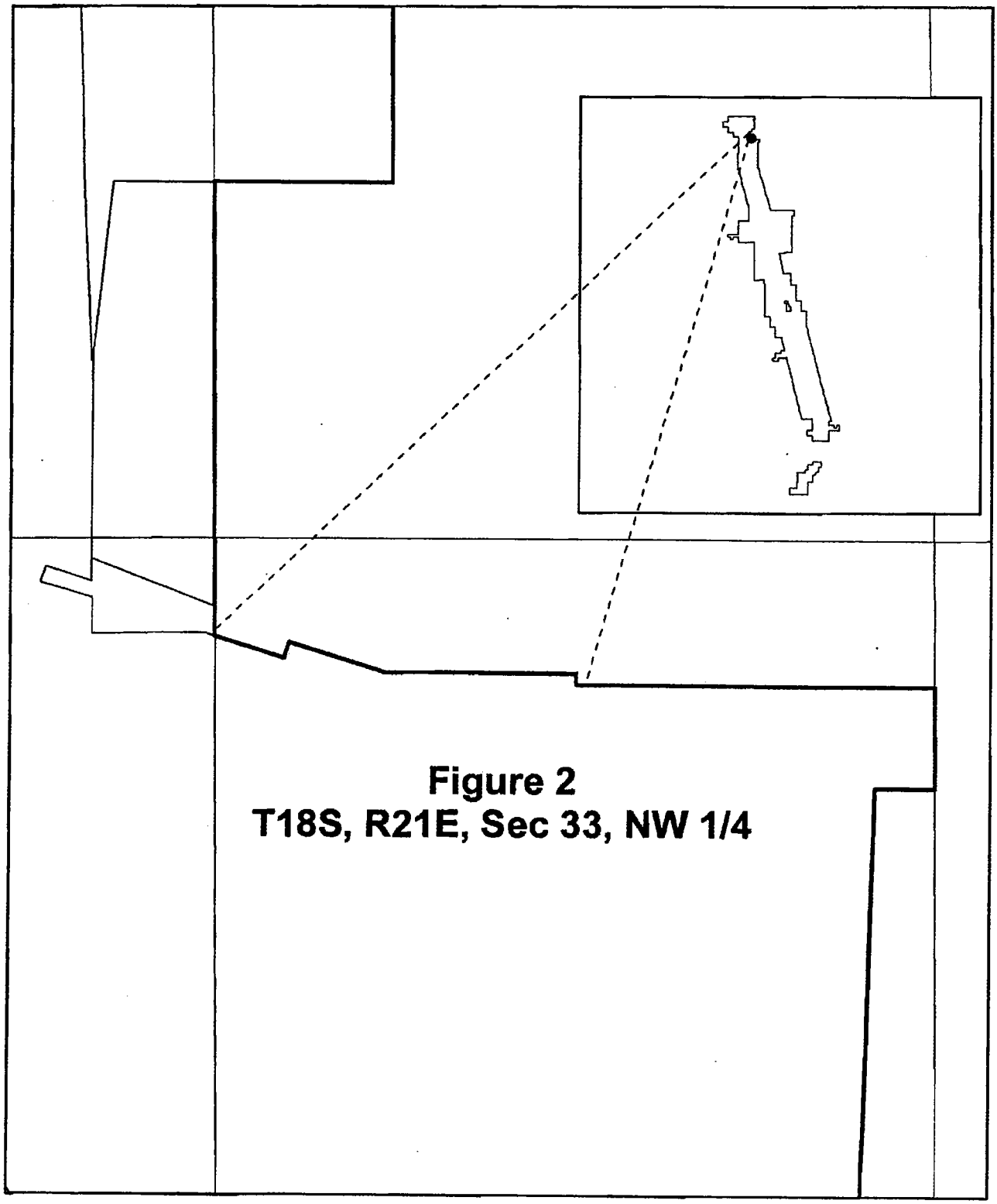


Figure 1
T18S, R21E, Sec 31
San Pedro NCA Boundary
Private Lands
Bureau of Land Management (BLM)

Figure 2



San Pedro NCA Boundary

Private Lands

Bureau of Land Management (BLM)

Figure 3

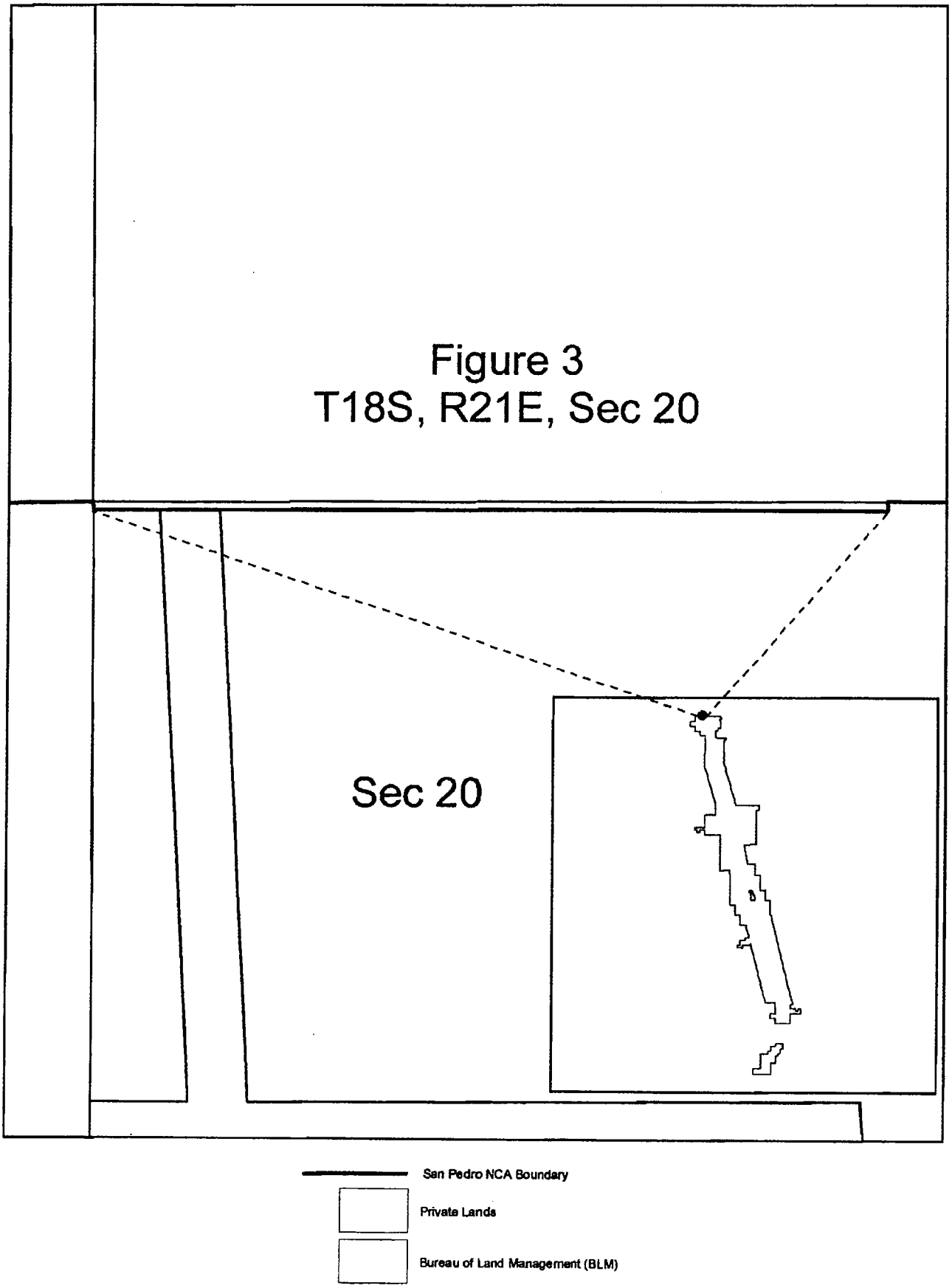


Figure 3
T18S, R21E, Sec 20
Sec 20
San Pedro NCA Boundary
Private Lands
Bureau of Land Management (BLM)