

Medical History

Species: Elephas Maximus
 Common Name: Asian Elephant
 Sex: Female
 AVID #: 031-012-040
 Origin: Sire: Vance; Dam: Mala

Unit: Polk
 Name: Shirley
 DOB: 2/19/95

1/27/97	fecal neg for ova
4/1/97	tetanus toxoid
5/20/97	WT=1636
8/29/97	WT=1760
10/21/97	WT=1670
10/29-11/3/97	4 culture washes for TB
11/12/97	WT=1900
11/19/97	WT=1940
1/18/98	WT=1780, CBC slight elevated Alk. Phosphates
2/12/98	WT=2070
2/27/98	spray back legs Captavet, 15ml/qt H2O (sr)
3/7/98	spray back legs Captavet (sr)
4/9/98	spray back legs Captavet (sr)
4/23/98	inspected animal & compound, and observed performance in Philadelphia (wal)
5/22/98	inspected animal & compound, and observed performance in Hershey (wal)
6/3-5/98	Trunk washes collected
6/13/98	thoracic radiographs @ Road & Riddle Equine Clinic
6/15/98	inspected animal & compound, and observed performance in Lexington (wal)
6/26/98	inspected animal & compound, and observed performance in LasVegas (wal)
7/10/98	inspected animal & compound, and observed performance in Fresno (wal)
7/28/98	inspected animal & compound, and observed performance in Anaheim (wal)
7/28-30/98	Trunk washes collected
8/20/98	inspected animal & compound, and observed performance in Oakland (wal)
8/23/98	HX: No current or chronic problems reported by Pat. She had a "clean" chest radiograph several months ago. Trunk washed Q6 months. Travels in a separate trailer from the rest of the herd that travel by train. She tends to get occasional "sand" colic when kept on dirt flooring (ri)
8/27/98	inspected animal & compound, and observed performance in SanJose (wal)
10/12/98	WT=2536
11/17,18,22/98	trunk wash (wal)
12/3/98	inspected animal & compound, and observed performance in Huntsville (wal)
12/10-12/98	trunk washes (gj)
12/10/98	tetanus toxoid (Fort Dodge #277314A) 1ml IM in the left hind leg (ri)
12/15/98	inspected animal and compound in Orlando (wal)
1/8/99	inspected animal & compound, and attended performance in Sunrise, FL (wal)
1/15/99	HX: No problems reported, routine blood work LB: Blood collected for CBC/Chemistry and Herpes virus PCR (ri)
5/28/99	WT=3000#
6/8/99	Avid computer chip installed in L ear (wal)
6/15/99	examine on site (wal)
7/8/99	feet trimmed (wal)
7/21,22/99	examine on site (wal)
7/28/99	Moved to CEC

Shirley, cont.

FELD 0003093

7/29/99 examine on site (wal)
 8/4,5/99 examine on site (wal)
 8/11,12/99 examine on site (wal)
 8/16-20/99 examine on site (wal)
 8/18/99 WT=3108
 9/19/99 WT=3038
 9/20/99 examine on site (wal)
 10/12/99 WT=3052
 10/27/99 examine on site (wal)
 11/11,12/99 examine on site (wal)
 11/17/99 examine on site (wal)
2000
 2/2/00 Tetanus Vaccination
 3/19/00 WT=3290
 6/1/00 blood collected for rabies titer (ri)
 6/8/00 WT=3395
 7/13/00 WT=3476
 7/18/00 Dr. Lindsay and Dr. Schmitt on site
 7/19/00 Dr. Lindsay on site
 8/16/00 Dr. Lindsay and Dr. Schmitt on site
 8/18/00 Dr. Lindsay and Dr Isaza on site
 8/19/00 examine on site (wal)
 9/7/00 Dr. Lindsay on site
 9/28/00 Dr. Lindsay and Dr. Schmitt on site
 9/29/00 examine on site (wal)
 10/13/00 WT=3630
 HX: Inappetence and diarrhea overnight. Mildly depressed in morning. Blood drawn For CBC and Chem. Panel.
 EXAM: elephant is bright, interested in surroundings, but not very interested in food. Passed a few fecal balls in afternoon. No significant findings in blood. Mm pink. temp=96C respiration normal, heart rate = 44 Before banamine.
 TX: 20cc banamine IM morning and night. Bran mash with mineral oil. (cs)
 10/14/00 HX: elephant seems to be back to normal (cs)
 10/16,17/00 Dr. Shilton on site
 10/23/00 Dr. Shilton on site
 10/27/00 Dr. Shilton on site
 11/3/00 Dr. Lindsay and Dr. Schmitt on site to ultrasound pregnant females
 11/5/00 Dr. Wolf and Dr. Shilton on site
 11/7/00 Dr. Shilton on site
 11/18/00 Dr. Shilton on site
 11/19/00 LB: Collected blood for rabies titer (ri)
 11/21/00 Dr. Lindsay on site
 11/27/00 Dr. Shilton on site
 12/7/00 HX: Routine Corneal exam
 EXAM: Normal Corneas (cs)
 12/14/00 Dr. Lindsay, Dr. Schmitt and Dr. Isaza on site to ultrasound pregnant elephants
 12/16/00 Dr. Shilton on site
2001
 1/8,9/01 Dr. Lindsay and Dr. Schmitt on site
 1/15,16/01 Dr. Lindsay, Dr. shilton and Dr. Isaza on site
 1/17/01 Dr. Shilton on site
 1/19/01 Dr. Lindsay and Dr. Schmitt on site
 1/22/01 trunk wash collected (wal)
Shirley, cont.

FELD 0003094

1/23/01 trunk wash collected (wal)
 1/24/01 trunk wash collected (wal)
 2/9/01 Dr. Lindsay on site
 2/22/01 Dr. Lindsay and Dr. Shilton on site
 4/17/01 Dr. Lindsay on site
 4/20/01 Dr. Shilton on site
 4/22-23/01 Dr. Isaza on site
 4/26/01 Dr. Lindsay on site
 5/10/01 USDA Inspection Dr. Sylvia Taylor
 5/11/01 Dr. Shilton on site
 5/24/01 Dr. Shilton on site
 6/15/01 Dr. Lindsay, Dr. Shilton and Dr. Schmitt on site
 7/25/01 Dr. Lindsay on site
 7/29/01 WT=8636
 7/30/01 Dr. Shilton on site
 8/5-6/01 Dr. Isaza on site
 8/9/01 Dr. Shilton on site
 8/16/01 Dr. Lindsay on site
 8/21/01 USDA – Charmene on site
 8/24/01 Dr. Shilton on site
 9/3/01 Dr. Shilton on site
 9/6/01 Dr. Lindsay on site
 9/14/01 Dr. Shilton on site
 9/17/01 Dr. Shilton, Dr. Lindsay and Dr. Isaza on site
 9/18/01 Dr. Lindsay, Dr. Isaza, Dr Shilton, Dr. Schmitt, Dr. Fowler and Dr. Scotman on site
 9/19/01 Dr. Lindsay on site
 9/20/01 Dr. Lindsay on site
 10/8/01 Dr. Lindsay Dr. Shilton and Dr. Schmitt on site
 SATISFACTORY POTENTIAL BREEDING CANDIDATE: A complete ultrasonographic exam of the reproductive tract was completed using the hand-held 3.5 MHz convex-linear transducer. The reproductive tract and ovaries were normal (ds)
 10/17/01 Dr. Shilton on site
 10/18/01 Dr. Shilton on site
 10/24/01 Dr. Houck on site
 10/25/01 Dr. Shilton on site
 11/7/01 Dr. Lindsay, Dr. Shilton and Dr. Schmitt on site
 11/9/01 Dr. Isaza on site
 11/12/01 Dr. Shilton on site
 11/13/01 Dr. Lindsay on site
 11/14/01 Dr. Lindsay and Dr. Shilton on site
 11/15/01 Dr. Lindsay and Dr. Shilton on site
 11/16/01 Dr. Lindsay on site
 11/17/01 Dr. Lindsay on site
 11/18/01 Dr. Lindsay and Dr. Shilton on site
 11/19/01 Dr. Lindsay on site
 11/20/01 Dr. Shilton on site
 11/23/01 Dr. Shilton on site
 11/25/01 Dr. Shilton on site
 11/26/01 Dr. Shilton on site
 11/27/01 TEST: Blood drawn for routine CBC, chemistry panel and serum banking. Feces collected for routine sedimentation and flotation. (cs)
 11/28/01 Dr. Shilton on site
 11/29/01 Dr. Lindsay on site

Shirley, cont.

11/30/01 Dr. Lindsay and Dr. Isaza on site
 12/10/01 Dr. Lindsay and Dr. Schmitt on site
 12/23/01 Dr. Shilton on site
 12/26/01 Dr. Shilton on site
2002
 1/2/02 Dr. Lindsay on site
 1/3/02 Dr. Lindsay on site
 1/16/02 Dr. Isaza on site
 1/22/02 Dr. Lindsay and Dr. Shilton on site
 1/23/02 WT=4475
 Dr. Lindsay on site
 1/24/02 Dr. Lindsay and Dr. Shilton on site
 1/25/02 Dr. Lindsay, Dr. Shilton, Dr. Isaza and Dr. Schmitt on site
 1/26-27/02 Dr. Lindsay and Dr. Schmitt on site
 1/28/02 Dr. Lindsay on site
 1/29/02 Dr. Lindsay and Dr. Shilton on site
 1/30/02 Dr. Lindsay on site
 2/18-20/02 Trunk washes
 2/22/02 Dr. Lindsay on site
 2/28/02 Dr. Lindsay on site
 3/1/02 Dr. Lindsay on site
 3/5-7/02 Dr. Lindsay on site
 3/17/02 Dr. Lindsay onsite
 3/24/02 Dr. Lindsay on site
 3/26/02 WT=4940
 4/3/02 Dr. Isaza on site
 4/15/02 Dr. Schmitt on site
 5/16/02 Dr. Schmitt on site
 5/18/02 Dr. Lindsay and Dr. Schmitt on site
 5/19/02 Dr. Lindsay on site
 5/20/02 Dr. Lindsay and Dr. Schmitt on site
 5/21/02 Dr. Lindsay and Dr. Schmitt on site
 5/31/02 Satisfactory Potential Breeding Candidate
 Progesterone values indicate a possible pregnancy of 8-11 weeks during this period. Ultrasongraphy of the uterus is possible with a hand held transducer. At eight weeks uterine vascularity is suggestive of early embryo presence. The embryonic vesicle was flattened and no embryo visualized at eight weeks. At 10 weeks the embryo could be visualized as a bright white spot, and at 11 weeks appeared much the same. My impression would be an embryo that is 1-2 weeks behind normal development previously seen in African elephants. I suggest we monitor again in about three weeks when the embryo takes on the characteristics of an elephant fetus. (ds)
 Dr. Schmitt on site
 6/18/02 Dr. Lindsay and Dr. Schmitt on site
 6/25/02 Satisfactory Potential Breeder.
 History 14 and 15 weeks of gestation. Unable to visualize fetus while Shirley was standing. However, excellent image of fetus was obtained both weeks while Shirley was in lateral recumbency. The fetus is about 3-4cm long and viability was confirmed by fetal heartbeat. The fetus is normally developing. Future visualization with a 3D ultrasound is anticipated in about 2 weeks when the fetus can be identified as an elephant fetus. (ds) Dr. Lindsay on site
 6/27/02 Dr. Schmitt on site
 7/10/02 Dr. Lindsay on site
 7/14/02 Dr. Lindsay on site
Shirley, cont.

FELD 0003096

7/16/02 Dr. Lindsay on site
 7/19/02 Dr. Schmitt on site
 7/25/02 Dr. Lindsay and Dr. Schmitt on site
 Ultrasound performed/taped
 7/26/02 Dr. Lindsay on site
 8/13/02 Blood to Antech
 8/14/02 Blood to Antech and Laura Richman
 8/15/02 Dr. Schmitt on site
 8/16/02 Blood to Antech
 8/17/02 Fecal collected for Antech
 8/18/02 Fecal collected for Antech
 8/19/02 All fecals and blood sent
 8/21/02 5 cc Equileve
 2 g Naxcel
 Blood to Antech
 8/22/02 2 g Naxcel
 8/23/02 Blood to Antech
 8/24/02 Dr. Schmitt on site
 p.m.—2 g Naxcel
 ultrasound
 8/25/02 a.m.—2 g Naxcel; p.m.—2 g Naxcel
 8/26/02 a.m.—2 g Naxcel; p.m.—2 g Naxcel
 Blood to Antech
 8/27/02 a.m.—2 g Naxcel; p.m.—2 g Naxcel
 ultrasound
 Dr. Lindsay and Dr. Schmitt on site
 8/28/02 a.m.—2 g Naxcel
 8/30/02 Blood to Antech
 9/9/02 WT=5080
 9/10/02 Dr. Lindsay and Dr. Schmitt on site
 9/16/02 Dr. Lindsay on site
 9/24/02 Dr. Lindsay and Dr. Schmitt on site
 ultrasound
 9/30/02 Dr. Lindsay on site
 10/31/02 Dr. Lindsay on site
 11/8/02 Dr. Case on site
 11/19/02 Dr. Lindsay, Dr. Schmitt, Dr. Case on site
 12/7/02 Dr. Lindsay on site
 12/8/02 Dr. Isaza, Dr. Lindsay, Dr. Case on site
 12/9/02 fecal sample sent to Antech, negative
 12/10/02 Dr. Lindsay, Dr. Schmitt, Dr. Case on site
 12/20/02 Dr. Lindsay & Dr. Schmitt on site
 1/19/03 Dr. Lindsay on site ultrasound
 1/23/03 Dr. Lindsay on site
 1/28/03 Dr. Isaza on site / Trunk Wash
 1/29/03 Dr. Isaza on site / Trunk Wash
 2/03/03 Dr. Isaza on site / Trunk Wash
 2/09/03 Dr. Lindsay & Dr. Case on site
 2/06/03 Dr. Lindsay on site
 2/25/03 Dr. Isaza & Dr. Case on site
 3/2003 Changed to DVMax Medical Program

Patient History

January 22, 2004

Owner
CEC

Feld Entertainment, Inc.

ID #: 3 File #: 3
Ref'd by

Name: Shirley
Species: Elephant-Asian
Breed: Elephas maximus
Sex: Fem
Weight: 5,720.0 Lbs
Age: 8 yrs & 11 mo DOB: 02/19/95
Color: Grey
Tag num:
Chip ID #:
Patient ID: 177 File #: 43
Last visit: 4/29/2003

Due Date	Reminder
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Date	Diagnosis
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Date	Treatment
12/5/2003	Exam-Elephant Physical : HX - Gave birth to a male calf PE - Normal post partuition exam. LB - Blood for chemistry and protein electrophoresis (RI)
11/4/2003	Tetanus Toxoid : Tetanus toxoid, 1 ML IM LH leg, Fort Dodge #277328A, 13AUG04 (RI)
4/8/2003	~Vet On Site [Dr. Isaza] : Dr. Romero Isaza (RI)
4/8/2003	Vet On Site SUPER ITEM LIST : (RI)

Medical History

Species: Elephas Maximus
 Common Name: Asian Elephant
 Sex: Female
 AVID #: 031-012-040
 Origin: Sire:Vance; Dam: Mala

Unit: Polk
 Name: Shirley
 DOB: 2/19/95

6/95 tetanus toxoid
 10/19/96 colic due to sand digestion. Psyllium (720g) 2 times, passed sand. doing well
 1/27/97 fecal neg for ova
 4/1/97 tetanus toxoid
 5/20/97 WT=1636
 8/29/97 WT=1760
 10/21/97 WT=1670
 10/29-11/3/97 4 culture washes for TB
 11/12/97 WT=1900
 11/19/97 WT=1940
 1/18/98 WT=1780, CBC slight elevated Alk. Phosphates
 2/12/98 WT=2070
 2/27/98 spray back legs Captavet, 15ml/qt H2O (sr)
 3/7/98 spray back legs Captavet (sr)
 4/9/98 spray back legs Captavet (sr)
 4/23/98 inspected animal & compound, and observed performance in Philadelphia (wal)
 5/22/98 inspected animal & compound, and observed performance in Hershey (wal)
 6/3-5/98 Trunk washes collected
 6/13/98 thoracic radiographs @ Road & Riddle Equine Clinic
 6/15/98 inspected animal & compound, and observed performance in Lexington (wal)
 6/26/98 inspected animal & compound, and observed performance in Las Vegas (wal)
 7/10/98 inspected animal & compound, and observed performance in Fresno (wal)
 7/28/98 inspected animal & compound, and observed performance in Anaheim (wal)
 7/28-30/98 Trunk washes collected
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 12/10-12/98 trunk washes (gj)
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 1/8/99 inspected animal & compound, and attended performance in Sunrise, FL (wal)
 1/15/99 HX: No problems reported. routine blood work
 LB: Blood collected for CBC/Chemistry and Herpes virus PCR (ri)
 5/28/99 WT=3000#
 6/8/99 Avid computer chip installed in L ear (wal)
 6/15/99 examine on site (wal)
 7/8/99 feet trimmed (wal)
 7/21,22/99 examine on site (wal)
 7/28/99 Moved to CEC
Shirley, cont.

FELD.0003099

7/29/99 examine on site (wal)
 8/4,5/99 examine on site (wal)
 8/11,12/99 examine on site (wal)
 8/16-20/99 examine on site (wal)
 8/18/99 WT=3108
 9/19/99 WT=3038
 9/20/99 examine on site (wal)
 10/12/99WT=3052
 10/27/99examine on site (wal)
 11/11,12/99 examine on site (wal)
 11/17/99examine on site (wal)

2000

2/2/00 Tetanus Vaccination
 3/19/00 WT=3290
 6/1/00 blood collected for rabies titer (ri)
 6/8/00 WT=3395
 7/13/00 WT=3476
 7/18/00 Dr. Lindsay and Dr. Schmitt on site
 7/19/00 Dr. Lindsay on site
 8/16/00 Dr. Lindsay and Dr. Schmitt on site
 8/18/00 Dr. Lindsay and Dr Isaza on site
 8/19/00 examine on site (wal)
 9/7/00 Dr. Lindsay on site
 9/28/00 Dr. Lindsay and Dr. Schmitt on site
 9/29/00 examine on site (wal)
 10/13/00WT=3630
 HX: Inappetence and diarrhea overnight. Mildly depressed in morning. Blood drawn For CBC and Chem. Panel.
 EXAM: elephant is bright, interested in surroundings, but not very interested in food. Passed a few fecal balls in afternoon. No significant findings in blood. Mm pink, temp=96C respiration normal, heart rate = 44 Before banamine.
 TX: 20cc banamine IM morning and night. Bran mash with mineral oil. (cs)

10/14/00HX: elephant seems to be back to normal (cs)
 10/16,17/00 Dr. Shilton on site
 10/23/00 Dr. Shilton on site
 10/27/00 Dr. Shilton on site
 11/3/00 Dr. Lindsay and Dr. Schmitt on site to ultrasound pregnant females
 11/5/00 Dr. Wolf and Dr. Shilton on site
 11/7/00 Dr. Shilton on site
 11/18/00 Dr. Shilton on site
 11/19/00 LB: Collected blood for rabies titer (ri)
 11/21/00 Dr. Lindsay on site
 11/27/00 Dr. Shilton on site
 12/7/00 HX: Routine Corneal exam
 EXAM: Normal Corneas (cs)
 12/14/00 Dr. Lindsay, Dr. Schmitt and Dr. Isaza on site to ultrasound pregnant elephants
 12/16/00 Dr. Shilton on site

2001

1/8,9/01 Dr. Lindsay and Dr. Schmitt on site
 1/15,16/01 Dr. Lindsay, Dr. shilton and Dr. Isaza on site
 1/17/01 Dr. Shilton on site
 1/19/01 Dr. Lindsay and Dr. Schmitt on site
 1/22/01 trunk wash collected (wal)

Shirley, cont.
 1/23/01 trunk wash collected (wal)

FELD 0003100

1/24/01 trunk wash collected (wal)
 2/9/01 Dr. Lindsay on site
 2/22/01 Dr. Lindsay and Dr. Shilton on site
 4/17/01 Dr. Lindsay on site
 4/20/01 Dr. Shilton on site
 4/22-23/01 Dr. Isaza on site
 4/26/01 Dr. Lindsay on site
 5/10/01 USDA Inspection Dr. Sylvia Taylor
 5/11/01 Dr. Shilton on site
 5/24/01 Dr. Shilton on site
 6/15/01 Dr. Lindsay, Dr. Shilton and Dr. Schmitt on site
 7/25/01 Dr. Lindsay on site
 7/29/01 WT=8636
 7/30/01 Dr. Shilton on site
 8/5-6/01 Dr. Isaza on site
 8/9/01 Dr. Shilton on site
 8/16/01 Dr. Lindsay on site
 8/21/01 USDA – Charmene on site
 8/24/01 Dr. Shilton on site
 9/3/01 Dr. Shilton on site
 9/6/01 Dr. Lindsay on site
 9/14/01 Dr. Shilton on site
 9/17/01 Dr. Shilton, Dr. Lindsay and Dr. Isaza on site
 9/18/01 Dr. Lindsay, Dr. Isaza, Dr. Shilton, Dr. Schmitt, Dr. Fowler and Dr. Scotman on site
 9/19/01 Dr. Lindsay on site
 9/20/01 Dr. Lindsay on site
 10/8/01 Dr. Lindsay Dr. Shilton and Dr. Schmitt on site
 SATISFACTORY POTENTIAL BREEDING CANDIDATE: A complete ultrasonographic exam of the reproductive tract was completed using the hand-held 3.5 MHz convex-linear transducer. The reproductive tract and ovaries were normal (ds)
 10/17/01 Dr. Shilton on site
 10/18/01 Dr. Shilton on site
 10/24/01 Dr. Houck on site
 10/25/01 Dr. Shilton on site
 11/7/01 Dr. Lindsay, Dr. Shilton and Dr. Schmitt on site
 11/9/01 Dr. Isaza on site
 11/12/01 Dr. Shilton on site
 11/13/01 Dr. Lindsay on site
 11/14/01 Dr. Lindsay and Dr. Shilton on site
 11/15/01 Dr. Lindsay and Dr. Shilton on site
 11/16/01 Dr. Lindsay on site
 11/17/01 Dr. Lindsay on site
 11/18/01 Dr. Lindsay and Dr. Shilton on site
 11/19/01 Dr. Lindsay on site
 11/20/01 Dr. Shilton on site
 11/23/01 Dr. Shilton on site
 11/25/01 Dr. Shilton on site
 11/26/01 Dr. Shilton on site
 11/27/01 TEST: Blood drawn for routine CBC, chemistry panel and serum banking. Feces collected for routine sedimentation and flotation. (cs)
 11/28/01 Dr. Shilton on site
 11/29/01 Dr. Lindsay on site
Shirley, cont.
 11/30/01 Dr. Lindsay and Dr. Isaza on site
 12/10/01 Dr. Lindsay and Dr. Schmitt on site

FELD 0003101

12/23/01 Dr. Shilton on site

12/26/01 Dr. Shilton on site

2002

1/2/02

Dr. Lindsay on site

1/3/02

Dr. Lindsay on site

1/16/02

Dr. Isaza on site

1/22/02

Dr. Lindsay and Dr. Shilton on site

1/23/02

WT=4475

Dr. Lindsay on site

1/24/02

Dr. Lindsay and Dr. Shilton on site

1/25/02

Dr. Lindsay, Dr. Shilton, Dr. Isaza and Dr. Schmitt on site

1/26-27/02

Dr. Lindsay and Dr. Schmitt on site

1/28/02

Dr. Lindsay on site

1/29/02

Dr. Lindsay and Dr. Shilton on site

1/30/02

Dr. Lindsay on site

2/18-20/02

Trunk washes

2/22/02

Dr. Lindsay on site

2/28/02

Dr. Lindsay on site

3/1/02

Dr. Lindsay on site

3/5-7/02

Dr. Lindsay on site

3/17/02

Dr. Lindsay onsite

3/24/02

Dr. Lindsay on site

3/26/02

WT=4940

4/3/02

Dr. Isaza on site

4/15/02

Dr. Schmitt on site

5/16/02

Dr. Schmitt on site

5/18/02

Dr. Lindsay and Dr. Schmitt on site

5/19/02

Dr. Lindsay on site

5/20/02

Dr. Lindsay and Dr. Schmitt on site

5/21/02

Dr. Lindsay and Dr. Schmitt on site

5/31/02

Satisfactory Potential Breeding Candidate

Progesterone values indicate a possible pregnancy of 8-11 weeks during this period. Ultrasongraphy of the uterus is possible with a hand held transducer. At eight weeks uterine vascularity is suggestive of early embryo presence. The embryonic vesicle was flattened and no embryo visualized at eight weeks. At 10 weeks the embryo could be visualized as a bright white spot, and at 11 weeks appeared much the same. My impression would be an embryo that is 1-2 weeks behind normal development previously seen in African elephants. I suggest we monitor again in about three weeks when the embryo takes on the characteristics of an elephant fetus. (ds)

Dr. Schmitt on site

6/18/02

Dr. Lindsay and Dr. Schmitt on site

6/25/02

Satisfactory Potential Breeder.

History 14 and 15 weeks of gestation. Unable to visualize fetus while Shirley was standing. However, excellent image of fetus was obtained both weeks while Shirley was in lateral recumbency. The fetus is about 3-4cm long and viability was confirmed by fetal heartbeat. The fetus is normally developing. Future visualization with a 3D ultrasound is anticipated in about 2 weeks when the fetus can be identified as an elephant fetus. (ds)

Dr. Lindsay on site

6/27/02

Dr. Schmitt on site

7/10/02

Dr. Lindsay on site

7/14/02

Dr. Lindsay on site

Shirley, cont.

7/16/02

Dr. Lindsay on site

7/19/02

Dr. Schmitt on site

7/25/02

Dr. Lindsay and Dr. Schmitt on site

FELD 0003102

7/26/02 Ultrasound performed; taped
8/13/02 Dr. Lindsay on site
8/13/02 Blood to Antech
8/14/02 Blood to Antech and Laura Richman
8/15/02 Dr. Schmitt on site
8/16/02 Blood to Antech
8/17/02 Fecal collected for Antech
8/18/02 Fecal collected for Antech
8/19/02 All fecals and blood sent
8/21/02 5 cc Equileve
 2 g Naxcel
 Blood to Antech
8/22/02 2 g Naxcel
8/23/02 Blood to Antech
8/24/02 Dr. Schmitt on site
 p.m.—2 g Naxcel
 ultrasound
8/25/02 a.m.—2 g Naxcel; p.m.—2 g Naxcel
8/26/02 a.m.—2 g Naxcel; p.m.—2 g Naxcel
 Blood to Antech
8/27/02 a.m.—2 g Naxcel; p.m.—2 g Naxcel
 ultrasound
 Dr. Lindsay and Dr. Schmitt on site
8/28/02 a.m.—2 g Naxcel
8/30/02 Blood to Antech
9/10/02 Dr. Lindsay and Dr. Schmitt on site
9/16/02 Dr. Lindsay on site

FELD 0003103