

Animal Reproductive Technologies

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A. CERTIFICATE OF EMBRYO RECOVERY

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Breed: SH
 Donor ID.: IMBER Other ID:
 Donor Name: Owl Rock Imber

Flush No: 724 2141

Reg. No.: 17971

Tag/Tattoo: IMBER /

Owner: Thorbardin Ranch LLC, Vaillancourt, Joseph
 Address: 1038 Greub Road, P.O. Box 160
 : Buffalo, WY 82834
 USA

Estrus Date: 06/23/1998
 Onset Time: am.
 Breeding Date: 06/23/1998
 Recovery Date: 06/30/1998

Service Sire: E Z Acres Kyle 20EZ91
 I.D. Code: 59SH5

Reg. No.: 22471
 Freeze date/Batch No.:

No. Recovered: 35
 No. Transferred: 0
 No. Frozen: 30

Signature: _____
 Practitioner Recovering Embryos

Firm: Boyd Cattle Companies
 ET Code: 724

Phone: 682-9647

C. CERTIFICATE OF FREEZING

Type of container : 1/4ml. STRAW

Each container is labeled to show: Firm Code, Breed, Reg. No. of donor, Freeze Date, and Straw# (No frozen embryos have been divided)

Days since Estrus of Donor, (Embryo Age) : 7.00

Cane Code or Number	Straw No.	No. Emb.	Code Stage	Code Qual.	No. X Washed	Trypsin	Zona Intact	Location	Comments	Out To	Thaw or Ship Date
724 2141	11	1	4	1.0	0	N	Y	7/3	Direct Transfer		
724 2141	12	1	4	1.0	0	N	Y	7/3	Direct Transfer		
724 2141	13	1	4	1.0	0	N	Y	7/3	Direct Transfer		
724 2141	14	1	4	1.0	0	N	Y	7/3	Direct Transfer	Vaillancourt	08/03/2000
724 2141	15	1	4	1.0	0	N	Y	7/3	Direct Transfer		
724 2141	16	1	4	1.0	0	N	Y	7/3	Direct Transfer		
724 2141	17	1	4	1.0	0	N	Y	7/3	Direct Transfer		
724 2141	18	1	4	1.0	0	N	Y	7/3	Direct Transfer		
724 2141	19	1	4	1.0	0	N	Y	7/3	Direct Transfer		
724 2141	20	1	4	1.0	0	N	Y	7/3	Direct Transfer		
724 2142	21	1	5	1.5	0	N	Y	7/3	Direct Transfer		
724 2142	22	1	5	1.5	0	N	Y	7/3	Direct Transfer		
724 2142	23	1	4	2.0	0	N	Y	7/3	Direct Transfer		
724 2142	24	1	4	2.0	0	N	Y	7/3	Direct Transfer		
724 2142	25	1	4	2.0	0	N	Y	7/3	Direct Transfer		
724 2142	26	1	4	2.0	0	N	Y	7/3	Direct Transfer		
724 2142	27	1	4	2.0	0	N	Y	7/3	Direct Transfer		
724 2142	28	1	4	2.0	0	N	Y	7/3	Direct Transfer		
724 2142	29	1	4	2.0	0	N	Y	7/3	Direct Transfer		
724 2142	30	1	4	2.0	0	N	Y	7/3	Direct Transfer		

Time : recovery to onset of freezing : 1.00 (Hr) Cryoprotectant & Conc. : 1.5M Ethylene Glycol

Cooling Procedure: Embryos placed in MDPBS+.4%BSA+cryoprotectant, equilibrated 10 Min. into freezer @ -6.0; wait 3 minutes, seed, wait 10 minutes, run cooling program

Seed Temp: -6.00 (deg.C.) Cooling Rate : -0.50 (deg.C./min.) Plunge Temp. : -31.00 (deg.C.)

Method of thaw: Remove from LN2, air thaw 7 Sec., 30 Deg.C. water for 30 Sec., dry straw Remove the plug with the ID straw. Load the 1/4ml straw with the embryo into a transfer gun and transfer within 5 Min. of thawing.

Signature: _____
 Practitioner freezing embryos

Firm: Boyd Cattle Companies
 ET Code: 724