RECORDS
OF COW
MILK +
SERUM

STORAGE RECORD OF COWS' MILK

Deep Freeze - Rack No. 1

Shelf No. 1 ---

Van Meter Cows of 3-31-50
" " Pool -- cows No. 3 + 7 of 3-31-50 — 1.5 cc
" " Pool -- cows No. 3 + 7 -- centrifuged - 5 cc
" " Pool -- cows No. 3 + 7 -- heated, 60° C
" " Pool -- cows No. 3 + 7 -- heated, 100° C

Shelf No. 2 ---

Van Meter Cows of 4-28-50
" " Cow No. 3 of 4-28-50 (large tube)

Shelf No. 3 ---

Shroeder Cows of 4-28-50 (2 tubes for No. 12)

Shelf No. 4 ---

Van Meter Cows of 5-5-50; Pooled cow sera of VM # 1, 3, 4, 8, 9,
Pool of regular cow's milk - polio positive (aliquot of fraction)

Shelf No. 5 ---

Shroeder Cows of 5-5-50 (Cow No. of 5/5

Shelf No. 6 ---

Van Meter Cows of 5-12-50 (strip milk from Nos. 1, 2, 3; first milk from other cows)

Shelf No. 7 ---

Shroeder cows of 5-12-50 (strip milk from all)
First milk of cows No. 4 + 5
Large tube on No. 12

Shelf No. 8 ---

Shroeder Cow No. 12 --- eve. 5/19; morn. 5/20; eve. 5/20; morn. 5/21
Milks of 5/22; 5/23; 5/24; 5/25; 5/26; 5/27

Shelf No. 9 ---

Shroeder Cow

Shelf # 10
VM. cow # 9 - 2 day post Partum (8/2/50); Ante partum colostrum of 6/23/50 + 7/19/50

DEEP FREEZE RACK #3

COWS MILKS & SERA

SHELF #1 - Marcus Cows of 7/22/50 — Susanna, Pearl, Bar-Lassie, Bar-Lucy.
Johnson Cows #1 & #2 of 7/23/50

SHELF #2 - Marcus Cows of 7/22/50 - Ophelia, Lovella.
Johnson Cow of 7/23/50 - #182

SHELF #3 - V.M #9 of 7/26/50
S. #7 (Lady Bess) of 7/26/50
S. #11 (Radesta) of 7/26/50

SHELF #4 - Serum of VM # 1, 2, 3, 4 of 7/24/50

SHELF #5 - Serum of VM # 5, 6, 7, 8 of 7/24/50

SHELF #6 - Serum of VM # 9 of 7/24/50
Serum of S Cows #1, 7, 9 of 7/26/50

SHELF #7 - Serum of S Cows # 10, 11, 12, 13
$(NH_4)_2SO_4$ Fractions of S Cow #13

SHELF #8 - SERUM of S. COW #14

STANDARD B&P "NOTEAR"
STANDARD B&P "NOTEAR"

STORAGE RECORD OF COW'S MILK

DEEP FREEZE - RACK #1

SHELF #1

- V.M. COWS OF 3/31/50
- V.M. POOL - COWS #3+7 of 3/31
- V.M. POOL - COWS #3+7 - CENTRIFUGED
- V.M. POOL - COWS #3+7 - HEATED 60° c
- V.M. POOL - COWS #3+7 - HEATED 100° c

SHELF #2

- V.M COWS OF 4/28/50
- V.M COW #3 OF 4/28/50 (LARGE TUBE)

SHELF #3

- S. COWS OF 4/28/50 (2 TUBES FOR #12)

SHELF #4 V.M. COWS OF 5/5/50

SHELF #5 S. COWS OF 5/5/50

SHELF #6 V.M. COWS OF 5/12/50 (STRIP MILK FROM #1,2,3 ; FIRST MILK FROM OTHER COWS)

SHELF #7

- S. COWS OF 5/12/50 (STRIP MILK FROM ALL)
- FIRST MILK OF COWS # 4+5
- LARGE TUBE ON #12

SHELF #8

- S. COW #12:
- EVE 5/19
- MORN 5/20
- EVE 5/20
- MORN. 5/21
- MILKS OF 5/22 ; 5/23 ; 5/24 ; 5/25 ; 5/26 ; 5/27

SHELF #9

S. COW #13 + V.M. COWS of 6/23

SHELF #10 S. COW #14 + S Cows of 6/23

Shelf #6

- S. Cow #11 of 7/19/50 - @ 40cc
- S. Cow #14 of 7/8/50 - " 8cc
- " " " " 7/15/50 - " 8cc
- " " " " 7/19/50 - " 50cc
- V.M. Cow #9 " " " - " 120cc - 2 big clusters

S. cow #14 of 7/26/50 @ 8cc

OFRIBERG "OLIVE" 7/11/50 (1st) & 7/12/50 (3rd)

STORAGE RECORD OF HUMAN MILKS + SERA

DEEP FREEZE - RACK #2

SHELF #1

PAIRED MILKS + SERA FROM: - GREEN, DIXON, ROLAND, HUNTER, JONES, E. BELL, THOMPSON, BEDGOOD.

Roland + Thompson serum out

SHELF #2

PAIRED MILKS + SERA - STACEY, BARNET, HARPER, TURNER (IMOGENE), D. SMITH, NELSON, PARSON, ROBERTS.

Turner serum out

SHELF #3

PAIRED MILKS + SERA - McKINNEY, STEELE, C. BELL, C. BELL (MILK + SERUM HEATED), GADSON (TWO MILK TUBES + 1 SERUM), SHOCKLEY (MILK ONLY), MARLIN (SERUM ONLY)

Gadson serum out

SHELF #4

HUMAN MILK POOLS A + B;
SERUM ONLY OF EVEGAN, BOUNOS, LUKES, PERKINS, JACKSON, GOOCH, GAMBLE, DAVENPORT.

SHELF #5

CHRIST HOSPITAL MILKS + SERA:
PLUMP, CARSON, BECKERICH (MILK ~~SERA~~), KUHN

Becherich serum out.

SHELF #6

CHRIST HOSPITAL MILKS + SERA:
TOEPFER, WETZEL, NOVAKOR, TURNER, FRYE (MILK ONLY).

SHELF #7

C.G.H. POOL OF 5/29/50 - AM. - BREAST MILK
1 TUBE

SHELF #8

S. SABIN SERUM OF 5/31/50
S. SABIN MILKS OF 5/31/50; 6/2/50, 6/4/50, 6/9/50

BOSTON MILK OF 7/24/50 DIALIZED; LARGE TUBE BOSTON MILK 7/24/50

SHELF #9

HUMAN MILK POOLS USED 9/5/50, 9/6/50, 9/7/50, 9/9/50, 9/11/50 - from C.G.H.
BOSTON MILK DIRECTORY - LATE HUMAN POOL - 7/24/50
CGH POOLS OF 5/30/50 PM, 6/2/50 PM, 6/15/50 PM, 6/19/50 PM, 6/5/50 PM, ~~6/6/50 PM, 6/7/50 AM~~, 6/12/50 PM, 5/31/50 AM, ~~6/8/50 AM 6/5/50 AM~~ 5/29/50 AM 6/9/PM

RAW MILK

1-18

from Berlings Dairy at 1:30 pm

2 ↓ 230

- $10^{-2}, 10^{-3}, 10^{-4}, 10^{-5}, 10^{-6}, 10^{-7}$ on TGE
- 1-1 & 10^{-1} on BAP
- 1-1, 1-2, & 1-100 into 2 mice each
- 4 guinea pigs 10 cc each.

1-19

all mice sick

Colonies on Plates →

TGE

10^{-2}	-	835	=	83,500
10^{-3}	-	85	=	85,000
10^{-4}	-	7	=	70,000
10^{-5}	-	0	=	3)238 500
10^{-6}	-	0	=	79,000 /cc
10^{-7}	-	0	=	

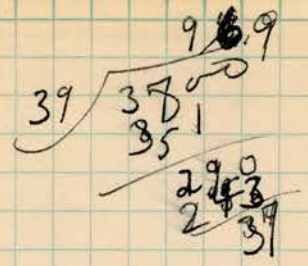
BAP undil - 900 = 9000 P.F.U. per cc

[redacted]

1-20

all mice dead of cept 1 - undil + 1 - 10^{-2} both sick

STANDARD B&P "NOTE-AR"



Data on Mr. Van Meter's Cows

April 28, 1950

First Spec

No.	Breed Designation	Last Calf Born-	Time after freshening
1	Partly Guernsey	March 14, 1950	17 days
2	Guernsey-mixed	Early March, 1950	@ 3 wks
3	Jersey-mixed, light tan	Early March, 1950	" "
4	Guernsey-mixed	Early March, 1950	" "
5	Guernsey-Short Horn mixed	February 25, 1950	4 "
6	Short Horn-mixed	February 14, 1950	
7	Short Horn-Jersey	Early February, 1950	
8	Brown Swiss	January, 1950	
9	Holstein, black and white	Freshed Oct., 1949	

Note: Cows put to pasture this year on 4-21-50.

First specimens obtained, 3-31-50

Second specimens obtained, 4-28-50

Specimens of 4-28-50 stored in B-1-5; additional milk on cow no. 3 stored in B-1-4

	Date of Test + Date	1:20 Weeks after inoculation 2	3	4	5	1:100 2	3	4	5
Controls	A (5/1/50)	~~X~~				6/7	8/7	...	...
	B (5/10/50)					8/8	...	...	...
	C (5/11/50)					6/8	6/8	7/8	7/8
S. Cow No. 1 - 4/28/50	A	6/8	8/8	...	...	4/8	7/8	7/8	7/8
" " " - 5/5/50	B	3/8	6/8	7/8	7/8	4/8	6/8	6/8	6/8
" " " - 5/12/50	C	7/8	8/8	...	...	5/8	6/8	6/8	7/8
S Cow No. 2 - 4/28/50	A	5/7	6/7	7/7	...	3/8	4/8	5/8	6/8
S. Cow No. 3 - 4/28/50	A	7/8	8/8	...	...	4/8	7/8	7/8	7/8
" " - 5/5/50	B	5/8	6/8	8/8	...	4/8	5/8	7/8	7/8
(Strip " " - 5/12/50	C	7/8	8/8	...	...	5/8	6/8	6/7	6/7
* S. Cow. No. 4 - 4/28/50	A	5/8	6/8	7/8	7/8	2/8	3/8	3/8	6/8
" " " - 5/5/50	B	4/8	6/8	7/8	8/8	3/8	7/8	7/8	7/8
first " " " - 5/12/50	C	8/8	...	...	...	5/8	6/8	7/8	7/8
strip " " " - "	C	6/8	7/8	7/8	7/8	5/8	7/8	7/8	7/8
S Cow No. 10 - 4/28/50	A	7/8	8/8	...	...	3/8	5/8	5/8	6/8
* " " - 5/5/50	B	5/8	6/8	6/8	6/8	3/8	3/8	4/8	4/8
Strip " " - 5/12/50	C	4/8	6/8	7/8	7/8	2/8	2/8	2/8	3/8
8									

Data on Holstein-Friesian Cows at Mr. W. Schroeder's Farm

April 28, 1950

Our No.	Registration No.	Name	Age	Date Last Calf Born	Comments
1	2409769	Ruby	7+ yrs	Jan. 22, 1950	Bred 4-27-50
2	2276372	Polly		Nov. 8, 1949	Acetonemia
3	2485428	Skylark		Nov. 15, 1949	In heat 4-7-50
4	2677018	Dunny		Sept. 17, 1950 1949	Bred 4-27-50; Cystic ovaries
5	2813441	Windy		April 3, 1950	High butter fat
6	2923759	Sandy		Dec. 16, 1949	Bred 4-22-50
7	2833382	Lady Bess	3yrs	July 3, 1949	With calf; Due 8-21-50
8	2598890	Johnny		March 27, 1950	
9	2974360	Ruth	3 yrs.	Sept. 1, 1949	In heat today; Cystic ovary; Low butter fat
10	2833387	Mercy	3 yrs.	Oct. 13, 1949	Bred 1-17-50
11	2442272	Radesta	7 yrs.	July 8, 1949	With calf; Due 8-21-50
12		Emerald	2½ yr		Born 1-24-48; Ruby's daughter. This heifer not milked as yet; small amount of milk present, however, which appeared yellowish.

Note: All these cows first put to pasture this year on 4-27-50.

Specimens of 4-28-50 stored in B-1-5

Serial Specimens of Van Meter Cow # 9

Date	Amount	Storage	Result of Test 1:20	1:100
3-31-50	8cc ±	R 1, Sh 1		
4-28-50	"	R 1, Sh 2		
5-5-50	"	R 1, Sh 4		
5-12-50	"	" "		
Antepart. 6-23-50 (colostrum	20cc (3 tubes)	R 1, Sh 9	-48	
7-19-50	120cc ± (2 large tubes)	R 1, Sh 6	-12	
7-26-50	50-60cc		- 5	
Delivered 8-1-50				
8-2-50	6,000cc	R. Sh.		
9-10-50	@ 50cc (2 large tubes)			

Serial Specimens on Shroder Cow #7 (LADY BESS)

Age 3 years

Milked regularly until 7-13-50

Specimen of early antepartum colostrum on 7-26-50

Due to freshen @ 8-24-50

Date	Amount	Storage	Result 1:20	1:100
4-28-50				
5-5-50				
5-12-50				
6-23-50				
7-26-50				

Cow transferred to Sam Jr. Johnson when Shroder left for Navy in August

Serial Specimens on Shroder Cow # 11 (Radesta)

Age - 7 years

Date	Amount	Storage	Result 1:20	Result 1:100
4-28-50	8cc ±	R1, Sh 3		
5-5-50	8cc ±	R1, Sh 5		
5-12-50	8cc ±	R1, Sh 7		
*6-23-50 Antep. Colostrum	10cc ±	R1, Sh 10		
7-19-50 ~~7-18-50~~	40cc ±	R1, Sh 6		
7-26-50	10cc ±			

Cow transferred to Sam J. Johnson in August when Shroder left for Navy

Specimens on Shroder Cow #12 (Emerald)

Age - 2½ years

Heifer with first calf - never milked before

First specimens of antepartum colostrum obtained 4-28-50 – ≈ 3 weeks before freshening ON 5/18/50

13
30
26
69

	Date		Amount	Storage		Result 1:20	Result 1:100	
	4-28-50		20cc ±	R1, Sh 3		1/7	1/7	++
	5-5-50		18cc ±	R1, Sh 5		6/8	2/8	+
	5-12-50		one ? small one large	R1, Sh 7		3/8	3/8	+
*	5-19-50	PM	Tube	R1, Sh 8	5 jars	5/8	2/8	++
*	5-20	AM	"	"		7/8	6/8	−?
*	5-20	PM	"	"		6/8	6/8	−?
*	5-21	AM	"	"	5 jars	7/8	3/8	+
	5-22	A.M.	"	"		5/8	7/8	−?
	5-23	"	"	"		6/7	5/8	−?
	5-24	"	"	"		5/8	2/8	++
	5-25	"	"	"		7/8	6/7	−
	5-26	"	"	"		8/8	7/8	−
	5-27	"	"	"		8/8	7/8	−
	6-23	PM	8cc ±	R1, Sh 10		7/8	4/8	+

* Entire milking available in deep freeze. Stored in 2 quart Mason jars.

Saved one jar of 5/20 – discarded 9 jars
5/19/50 PM – 3rd milking – 1st two discarded by Shroder

Serial Specimens on Shroder Cow #13 (Dekol)

All specimens collected during first 15 days postpartum — delivered June 8-1950

Age - 6yrs +

	Date	Time after delivery	Storage		Result 1:20	Result 1:100	
*	6-9-50 PM	24 Hrs.	R1, Sh 9	7 jars	5/7	1/8	+
*	6-10-50 AM	36 "	"		7/8	4/8	+
*	" PM	48 "	"		8/8	5/8	?
*	6-11-50 AM	60 "	"	1 jar	7/8	7/8	-
*	" PM	72 "	"	6 jars	8/8	4/8	+
*	6-12-50 AM	84 "	"	2 jars (to 3 qt)	6/8	4/8	+
	6-13-50 "	5 days	"				
	6-14-50 "	6 "	"				
	6-15-50 "	7 "	"				
	6-16-50 "	8 "	"				
	6-17-50 "	9 "	"				
	6-18-50 "	10 "	"				
	6-19-50 "	11 "	"				
	6-23-50 PM	15 "					

* Total amount available in 2 qt Mason jars stored in deep freeze.

No. 13

Shroder Cow Freshened 8 June 1950

Record of Colostrum Samples Obtained:

	Code		Hours after Delivery	No. Quarts
7 jars	Tape, 1 hole	Yellow —	24 — 6-9-50 PM ✓	
14 jars discarded	No tape)	Cannot tell	36 — 6-10-50 -AM?	} discard 7/20/50
	No tape)	one from		
	No tape)	other	48 — 6-10-50 - PM?	}
one jar kept —	Tape, no holes	bloody	60 — 6-11-50 - AM —	leave one jar — 5 discarded
6 jars	Tape, 4 holes	+ 3 holes	72 — 6-11-50 - PM ✓	
2 jars (3 qts)	Tape, 5 holes		84 — 6-12-50 - AM ✓	

Each sample has 5 to 8 cc frozen in separate lusteroid.

Serial Specimens on Shroder Cow # 14 (VAR)
Age - 3 years

Specimens begun with antepartum colostrum

Delivered 7-25-50 — 1st milking @ 30 hrs. afterwards on 7-26-50

Date	~~Antigen~~	Storage	Result 20	Result 100
6-23-50	48 cc + (one small, one large)	R 1, Sh 10	6/8	2/8
7-8-50	8 cc ±	R1, Sh 6	8/8	5/7
7-15-50	8cc ±	" "	5/7	4/8
7-19-50	50cc ±	" "	7/8	6/8
7-26-50	8 ~~000~~ cc (8 jars)	Deep freeze R1 Sh 6	2/8	0/7

After Shroder's departure for Navy — This cow transferred to John Straus

Freiberg Cow - Olive

Specimens begun with first postpartum colostrum

Date	Amount	Storage	Result 20	Result 100
7-11-50	600cc ±	Deep freeze (R, SH)		
7-12-50	600cc ±	" "		

Milk Specimens brought in frozen on 7-19-50

Shroder cow #14 (Radesta) - antepartum colostrum - @ 40cc
obtained 7/19/50 - stored deep freeze rack 1-shelf #6

Shroder cow # 14 (VAR) - antepartum colostrum

Specimen of 7/8/50 - @ 8cc
" " 7/15/50 - " "
" " 7/19/50 - @ 50cc

Van Meter Cow #9 - antepartum colostrum

Specimen of 7/19/50 - 2 big lusteroids - total @ 120cc

All above stored in deep freeze - rack 1-shelf #6

Freiberg Cow - Olive - Postpartum colostrum

First milking - 7/11/50 - Jar E @ 600cc
3rd " - 7/12/50 - " " @ 600cc

Stored in right hand side of deep freeze.

STANDARD B&P "NOTEAR"
STANDARD B&P "NOTEAR"

7-22-50

Antepartum Colostrum from Cows of Mr. Herbert Marcus Montgomery, Ohio

Our No.	Name	Due to freshen	Remarks
1	Susanah	2 months	Heifer – first calf
2	Pearl	2 "	" " "
3	BAR-LASSIE	2 "	" " "
4	BAR-LUCY	2 "	" " "
5	OPHELIA	2 "	Mature cow-dry 1 month
6	LOUELLA	2 "	" " -dry 2 months has broken leg bone.

STANDARD B&P "NOTEAR"
STANDARD B&P "NOTEAR"

Antepartum Colostrum from Cows

of Mr. Sam J. Johnson

Westchester, Ohio. (Tel. Princeton 6300)

Obtained July 23, 1950 - frozen deep freeze brought in cold, morning of July 24, 1950 transferred and frozen in dry ice

Cow # 1 - 12.5cc - dry for 60 days, expected to freshen in 3 wks - yellow, viscid

Cow #2 - 4.5cc - dry for 5 months will be fresh in 3wks. grayish-watery fluid unlike either milk or colostrum

Cow #182 - 26cc of cream-colored thick colostrum. Has been dry 3 months - will be fresh in 3 weeks.

COW SERA
SPUN 7/27/50

	SERA (OF 7/24/50)	EST. AMT	LOCATION	Culture on BAP
V.M	# 1	27 cc	R3, 54	S Staph
"	# 2	25 cc	R3, 54	"
	# 3	24 cc	R3, 54	"
	# 4	27 cc	R3, 54	"
	# 5	25 cc	R3, 55	8 Colonies - large, white S Staph
	# 6	27 cc	R3, 55	
	# 7	23 cc	R3, 55	"
	# 8	25 cc	R3, 55	"
	# 9	27 cc	R3, 56	"

			LOCATION	
S:	#1 of 7/26/50	20 cc	R3, 56	1 mold + 1 few S Staphs also
	#7	20 cc	R3, 56	S Staph
	#9	13 cc	R3, 56	"
	10	12 cc	R3, 57	"
	11	20 cc	R3, 57	"
	12	20 cc	R3, 57	"
	13	28 cc	R3, 57	"
	14	25 cc	R3, 58	"

STANDARD B & P "NOTEAR"
STANDARD B & P "NOTEAR"

Cow Sera Sent to Dr. Mirskey 8-16-50

V. M. = Van Meter Cow bled 7-24-50

S = Shroder Cow bled 7-26-50

All cows are Holsteins. 3 ml. of each serum - aliquot of larger portion kept in deep freeze - was sent.

Pregnant Cows	Time antepartum
V. M. No. 9	1 week ?
S No. 7	4 weeks ?
S No. 11	4 weeks ?

Recent Postpartum Cows	Time postpartum
S No. 14	1 day
S No. 13	48 days
S No. 12	69 days

Other Cows	Date Bred
S No. 1	4 - 27 - 50
S No. 10	1 - 17 - 50

APR. 12 1950

VAN METER COW'S MILK OF 3/31

COW #	# OF COLONIES ON BAP	TYPE OF ORG.
1	4 Lact - 1 mold	STAPH. AUREUS
2	60	alpha STREP.
3	10 Lact - 1 mold	Gram neg Cocci
4	5	alpha Strep.
5	225	STAPH. ALBUS
6	25	STAPH AUREUS
7	30	STAPH AUREUS
8	80	STAPH. AUREUS
9	3	STAPH. AUREUS

STANDARD B&P "NOTEAR"

MAY 1 1950

Milk obtained 4/28/50

# of Colonies on BAP	Van Meter Cows:
#1 -	7
#2 -	10
#3 -	300
#4 -	15
#5 -	35
#6 -	60
#7 -	45
#8 -	3
#9 -	175

# of Colonies on BAP	Schroder Cows:
#1 -	100
#2 -	5
#3 -	250
#4 -	125
#5 -	1
#6 -	1
#7 -	70
#8 -	8
#9 -	10
#10 -	10
#11 -	100
#12 -	150

STANDARD B&P "NOTEAR"

MAY 7 1950

COW'S MILK OF 5/5/50

VAN METER

STORED B-24

COW #	COLONIES ON BAP	COMMENTS
1	350 ~~[illegible]~~	ca 50 large white spreading gray; Pin Point c̄ alpha hemolysis; ~~Small, round, white, glistening~~
2	1	Staph aureus
3	300	26 hem staph aureus; rest small glist. round white
4	6	staph citreus
5	1	large, white mucoid colony
6	3	Staph citreus
7	90	Staph citreus
8	12	8 staph aureus (hem); 4 albus (non hem)
9	5	2 hem. aureus; 3 citreus

SCHRODER

STORED B-2-7

COW #	COLONIES ON BAP	COMMENTS
1	19	Small, round, white, glistening
3	500	30 large, hemolytic, white, mucoid c̄ uneven edges - rest small, white, low; small white, low, glist.
4	150	
5	0	sterile
6	25	Hemolytic Staph aureus
7	450	small, white, round
8	few	spreader
9	1	small, white, round
10	0	sterile
11	250	hemolytic staph albus
12	TMC	Pin point colonies c̄ green hemolysis + large glisting white colonies

STANDARD B&P "NOTEAR"

COW'S MILK OF 5/12/50

VAN METER COW #:	# OF COLONIES ON BAP	COMMENT
1	4 —	2 hem. Staph aureus 2 hem - Staph albus
2	5 —	small, white, glistening, Colonies non-hemolytic
3	TMC —	small, round, orange & white Colonies = slight hem.
4	150 —	50 Staph citreus ; 1 spreader ; remainder non-hem, white, Pin point
5	17 —	White Pin Point Colonies non hemolytic
6	217 —	16 Staph citreus ; 1 mold ; 200 Pinpoint, non hem. Colonies
7	8 -	irregular colonies = yellow Pigment
8	80	Hemolytic Staph aureus
9	0	Sterile

SCHRODER COW #:	# OF COLONIES ON BAP	COMMENT
1	5	small, white, raised
3	TMC	small, gray hemolytic
4 - 1st MILK	20	Hemolytic Staph albus
4 - STRIP MILK	20	Small, raised, white, non-hem
5 - 1st MILK	0	Sterile
5 - STRIP MILK	0	Sterile
6	TMC	Large, gray, flat = hem small white = red zones. Sterile
7	0	
8	10 -	2 small, white hemolytic 8 small, white non-hem.
9	0	Sterile
10	4	Small, white, mixed colonies
11	27	white, Pin Point colonies
12	150 -	gray, mucoid, glistening, non hemolytic

6-18-50

Milks used in Lansing Test of 6/15/50

	# of Colonies	Comment
S. COW # 13 (24 hrs after calf)	@ 100	large gray
S. COW # 13 (36 hrs after calf)	@ 250	round, yellow colonies, round small gray colonies, + small irregular gray colonies, some hemolytic
S. COW # 13 (48 hrs after calf)	@ 100	
S. COW # 13 (60 hrs after calf)	@ 300	
S. COW # 13 (72 hrs. after calf)	@ 100	
S. COW # 13 (94 hrs. after calf)	@ 100	
TEXAS GOAT MILK	150	round, gray & round yellow hemolytic colonies
IOWA GOAT - (VANNA MAURA)	TMC	small round white colonies & no hemolysis.
IOWA GOAT - (PENNA)	TMC	
IOWA GOAT - (SENGA	TMC	
CINCINNATI GOAT - (ELLA)	0	Steril
CINCINNATI GOAT - (SUZANNE)	0	Steril