

1988

Form D-1 – Waterfowl Production Surveys

Units 1-6

Year: 1988

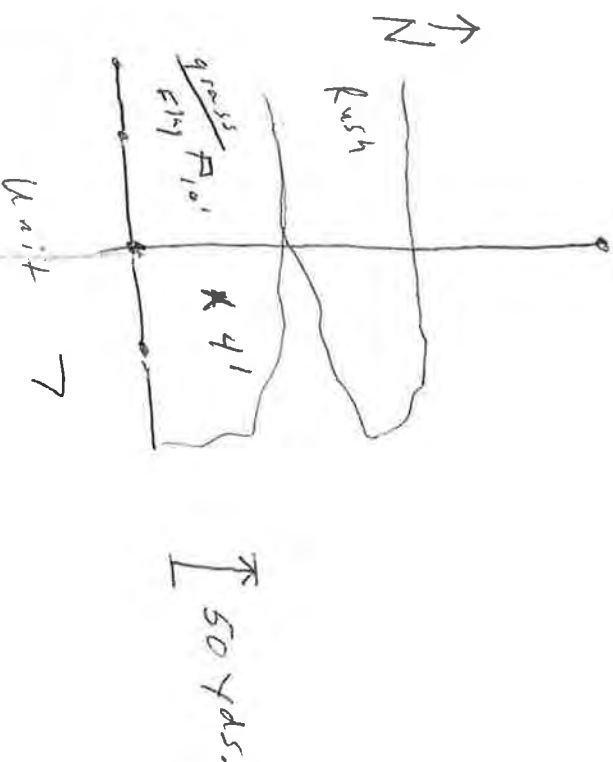
	Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Hof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
1	65		6-13-88	606	BW Teal	9	X														X								7/8	49						

Next 14' East of
Flag in grass

LOCATION SKETCH

CO. 100

Unit
606



509

Form D-1

Field Form

OR REPORT

R. L. Campbell

WATERFOWL PRODUCTION SURVEY DUCK & GOOSE NESTING DATA

Year:

1988

Nest No.

41

I	Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
	<i>69</i>	<i>010</i>	<i>509</i>	<i>Rit</i>	<i>10</i>	<i>✓</i>															<i>✓</i>							<i>7/18</i>	<i>40</i>							

10 days inc

all hatched

NOTES

*Just 10 eggs
not out to trail numerous other tracks
in vicinity.
Start on eggs along with
Frog Utopia Hill, Nid 1' water
broad*

LOCATION SKETCH



Unit 7

*68 22
69 12*



511
OF 511 Red Sea Duck

WETLAND PROTECTION SURVEY TRACK & COOT NETTING DATA

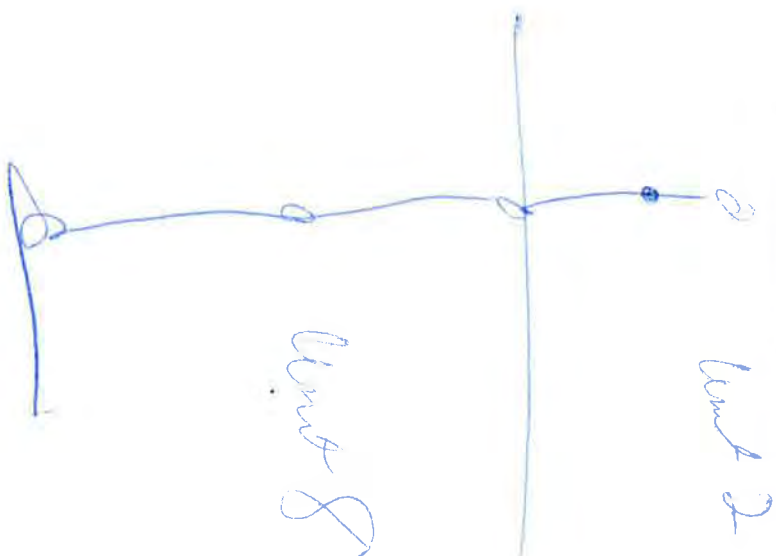
Year: 1988

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
511	72	6/14	511	mall	8																						6/14	28							

NOTES

2
Mall. began laid 2 just
about end with call all 8 were hatched
with little begone
good good one

LOCATION SKETCH



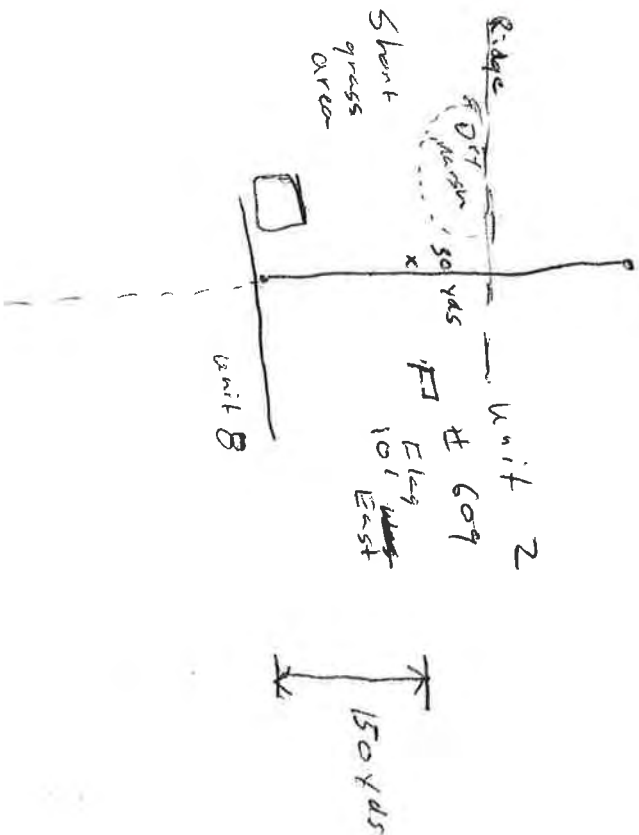
looking after fence
all birds 7/20

Year: 1988

2	Unit No.	
73	Transect No.	
6-13-88	Date	
601	Nest No.	
BwTcd?	Species	
4	No. Eggs	
X	Laying	
	Incub.	
	Covered	
	Desert.	
	Destr.	
	Flooded	
	Unknown	
	Sx	
	Sve	
	Crx	
	Dst	
	Gv	
	Mof	
X	Wx	
	Jba	
	Cx	
	Ex	
	Tla	
	Sva	
	Dike	
	Ditch	
	Flooded	
7/19	Date	
	Hatched	
	No. Hatch.	
X	Desert.	
	Destr.	
	Flooded	
	Unknown	
	Remarks (No. & expl. on back)	

LOCATION SKETCH

Book cover type in present



Test:

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Hst	Gx	Hof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
101		5-17-88	213	Shorebird?	9	X														X							5-15-88	X							

LOCATION SKETCH

nest is 5' west of center line and
100 yards south of $\frac{1}{2}$ mile post
flag 15' east of center line

All eggs appeared to have hatched.

- No predation



1/2 mile post

100 yards

5' x 15' flag

nest

spring creek post

south post

Observer: E. Mueller

WATERFOWL PROTECTION SURVEY DUCK & GOOSE NESTING DATA

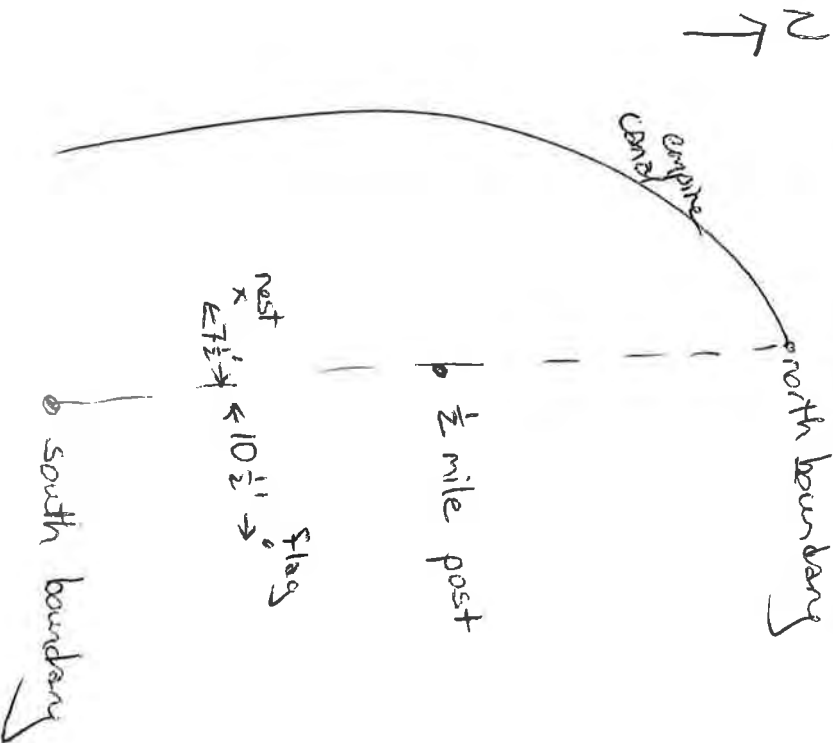
Year: 88

First Observation			Nest Status										Cover Type										Date				Remarks (No. & expl. on back)											
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Fx	Tla	Sva	Dike	Ditch		Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown			
3	87	5-17-88	212	Mallard	6	X																		X														

NOTES

nest is $7\frac{1}{2}'$ west of center line - surrounded by cattails
and $\frac{1}{2}$ way between south boundary & center post
flag placed 18' east of nest - orange flagging
put on cattails

LOCATION SKETCH



Observer: C. Mueller

WILSON'S PROTECTION SERVICE INCH & COOT NESTING DATA

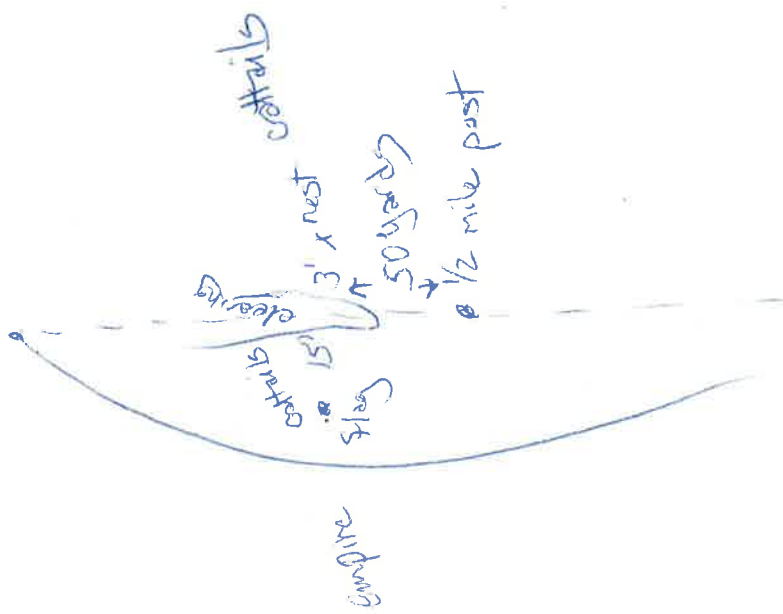
Year: 88

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
3	87	5-17-88	211	Grasshopper	9		X																				4/14								

NOTES

nest 3' east of center line
and 50 yards south of center pole
also many clagging

LOCATION SKETCH



08

Form I-1

Field Form

Unit No. 3

Observer: Rick Schneider

WATTFORD PROTECTION SERVICE TRICK & COOT NESTING DATA

Year: 1988

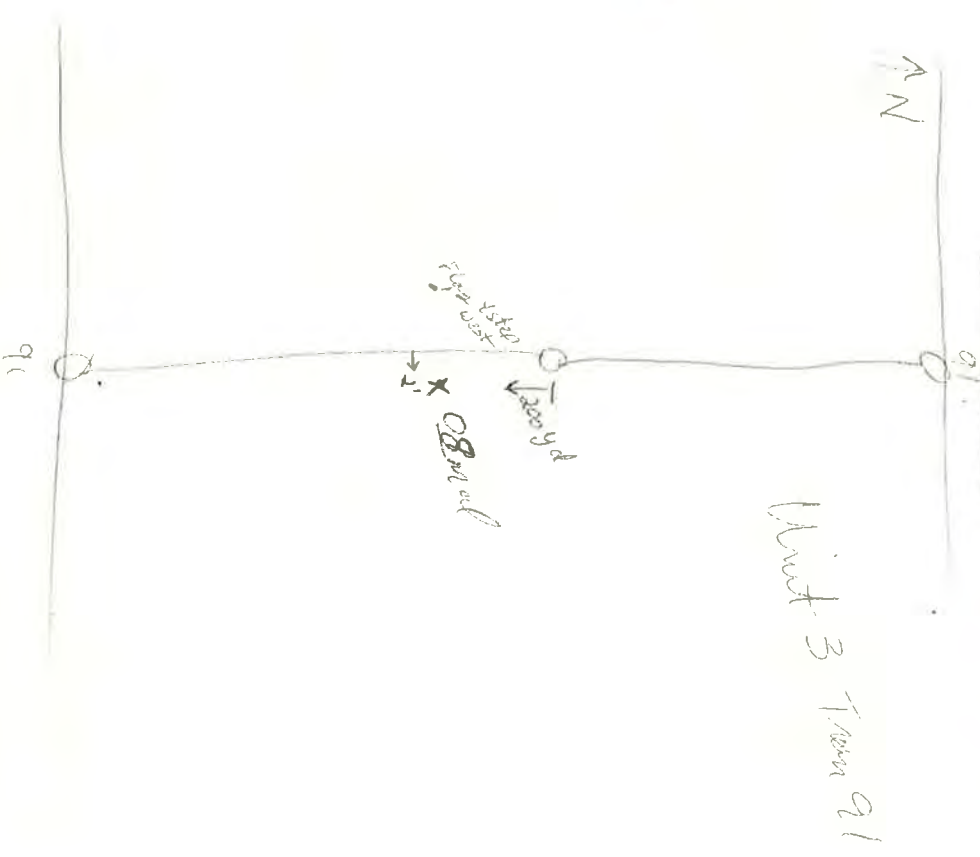
Unit No.	Transect No.	First Observation										Nest Status										Nest Fate														
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dat	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
391	5	8/8/88	08	Mallard	10	✓																						8/14/88	✓							

NOTES

1 egg no inc. little down
quail's nest on water
Nest 200 yds south of nest 91 unit 3
Fled 4 days west of Nest
Nest 3 east of Timberline
Unit #07 on log actually in 08

6/14/88 started long swimming
back picture H14H15
out on open

LOCATION SKETCH



08
26
08

ORIGINATOR: Pick Schneider WILDLIFE PROTECTION SERVICE DICH & COOT NETTING DATA

Year: 1988

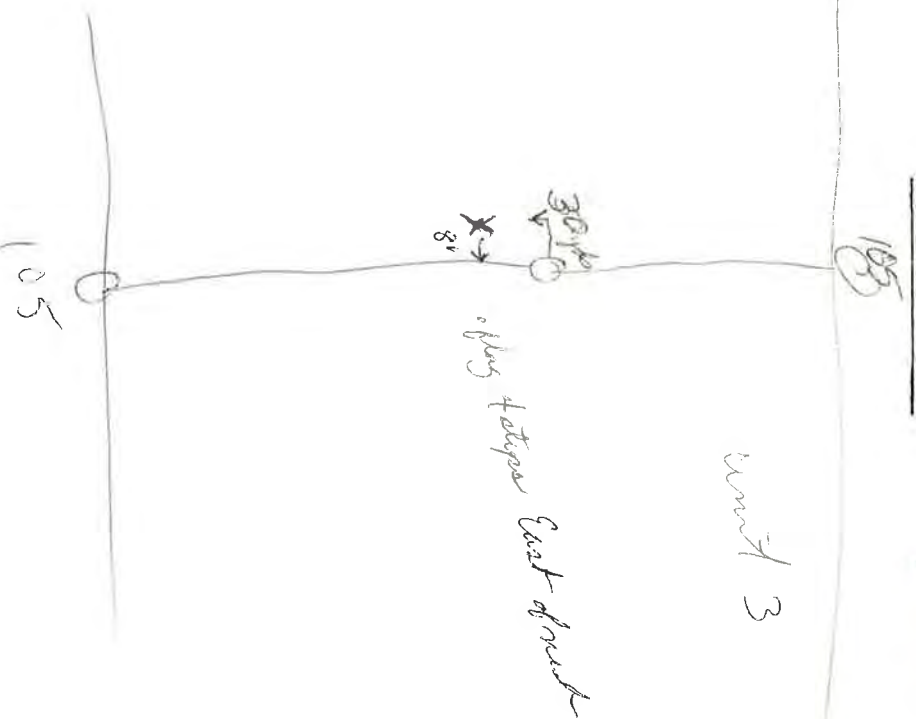
Unit No.	Transect No.	Date	Host No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
3	105	5/18/88	10	Mallard	11		X													X							6/15/88								

1 Dove

NOTES

Mallard, 11 eggs, 12 days inc. good down
good the water, the ground
Nest 30 yds S of 105 and west 3, 8 ft wide diameter

LOCATION SKETCH



323
329
6.5

01

Form T-1

Field Form

Unit No. 3

Observer: Rick Schneider

WATERFOWL PROTECTION SURVEY BOOK & BOST NESTING DATA

Year: 1988

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dat	Gx	Hof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
391	5	18/88	09	Mallard	5		X															X					10/5/88								

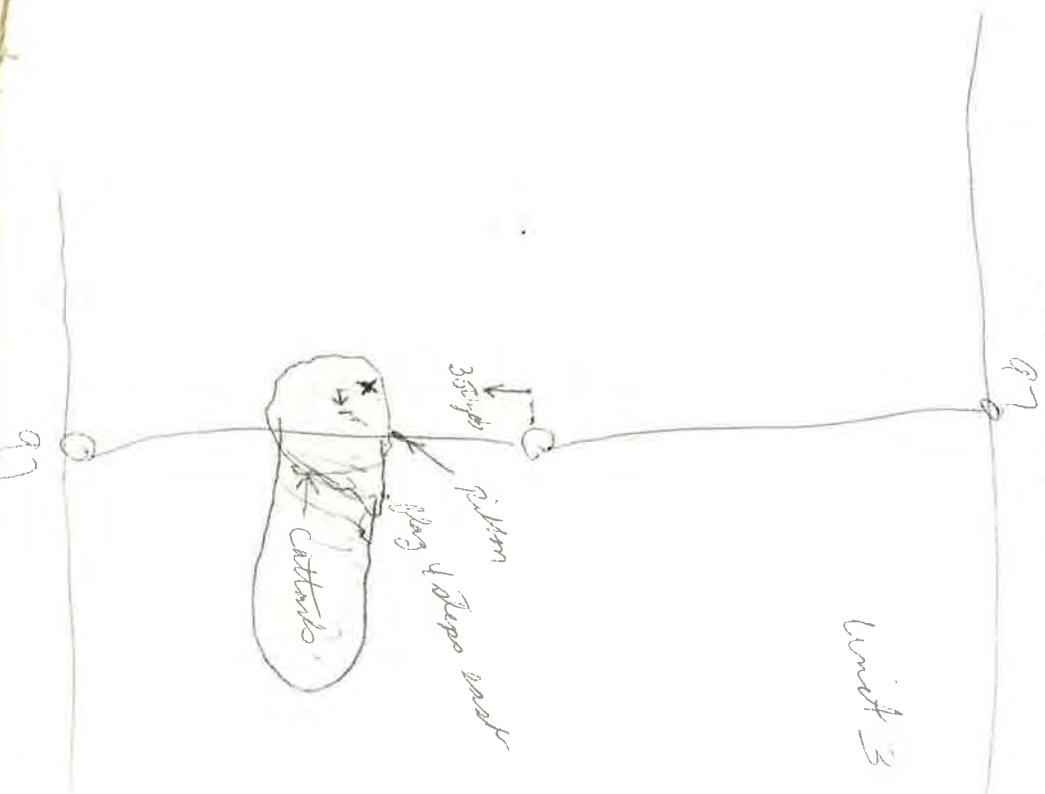
20 days

NOTES

20 days inc but only 5 eggs for size of egg protection

all hatch
4/5/88

LOCATION SKETCH



all
25
all
4

210

Form D-1

Field Form

Unit No. 3

Investigator

C. Mueller

White-footed Duck & Coot Nesting Data

Year:

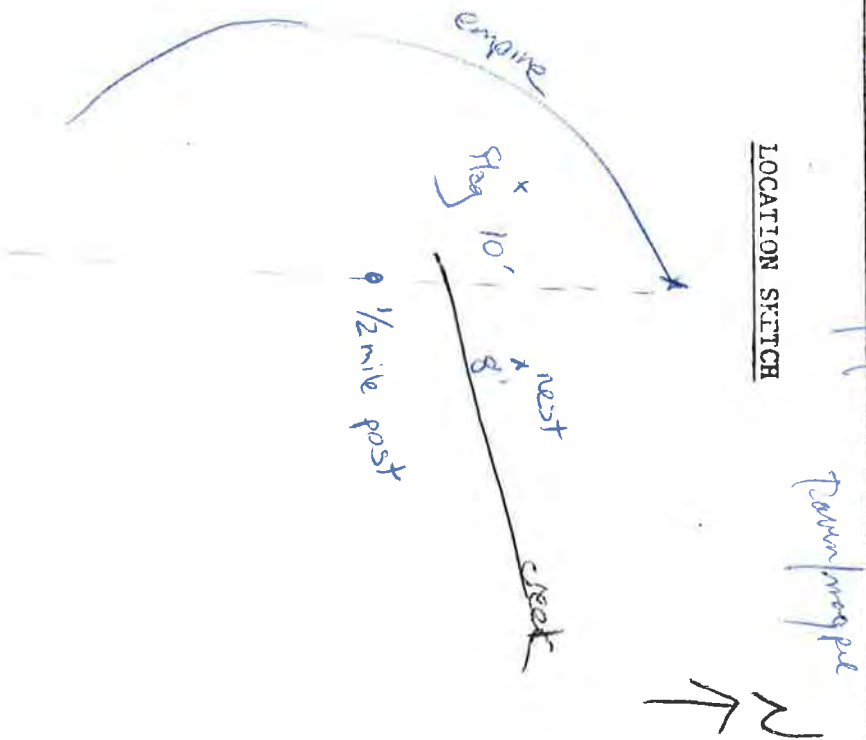
88

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
3	87	5-18-88	210	Gadus	11	X	X														X						6/15/88								

NOTES

Nest east of center line 8' and 1/4 mile north of 1/2 mile post and 22' north of creek

LOCATION SKETCH



Form D-1

Field Form

Nest No. 3

Observer: C Mueller

WETLAND PROTECTION SURVEY DUCK & COOT NESTING DATA

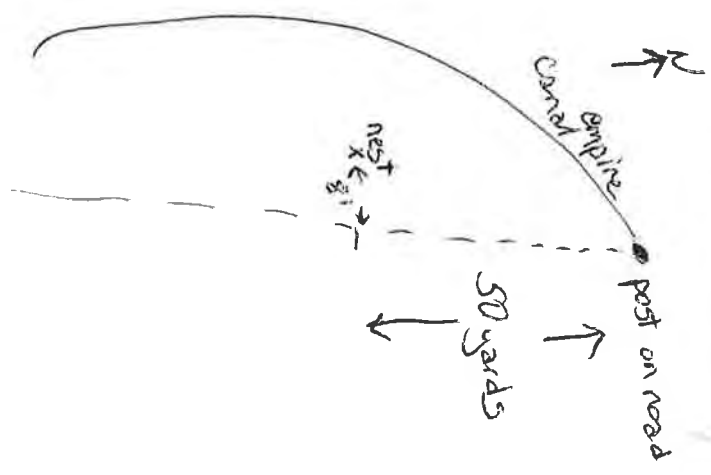
Year: 88

First Observation			Nest Status										Nest Type										Fate												
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
3	85	5-18-88	208	Mallard (?)	4				X	X							X											5-18-88				X			Mammal - probably racoon

NOTES

nest is approx. 50 yards from north unit boundary
nest is 8' west of center line
egg was placed in the bowl
nest was crude bowl in grass with some down

LOCATION SKETCH



Year: 1988

First Observation		Nest Status	Cover Type	Fate
Unit No.	Transect No.			
Date	Nest No.			
Species				
No. Eggs	Laying			
	Incub.			
	Covered			
	Desert.			
	Destr.			
	Flooded			
	Unknown			
Sx				
Sve				
Crx				
Dst				
Gx				
Mof				
Wx				
Jba				
Cx				
Lx				
Tla				
Sva				
Dike				
Ditch				
Flooded				
Date				
Hatched				
No. Hatch				
Desert.				
Destr.				
Flooded				
Unknown				
Remarks (No. & expl. on back)				

Yours

LOCATION SKETCH

delint Corp

Cardinal Joseph Y. We

good and water

edge of strand / ridge marked with
copper / 3" marks

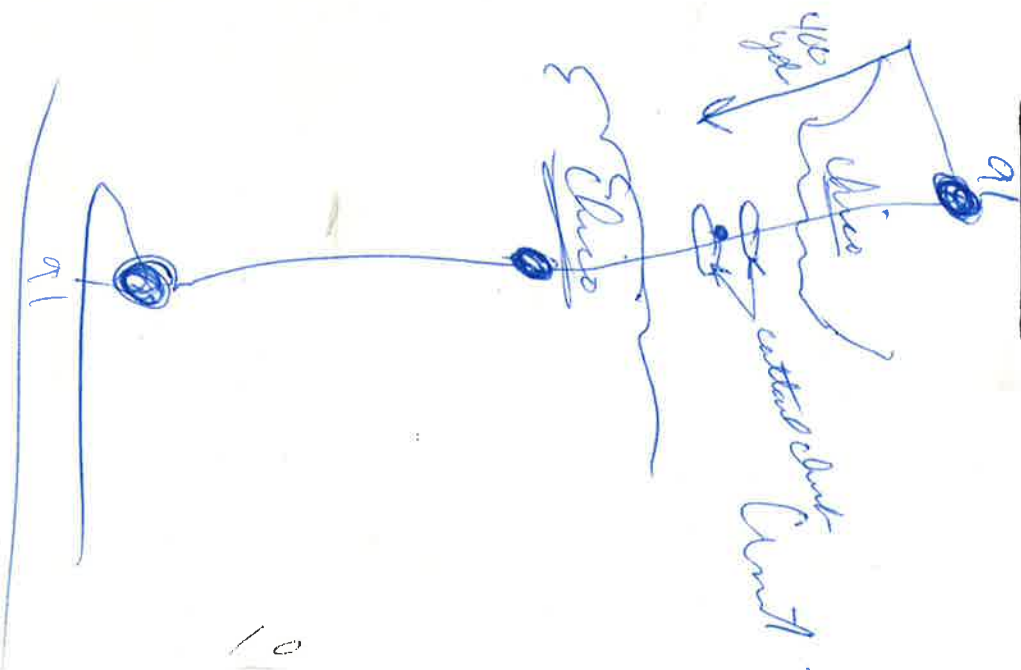
then find

Flax is 8th N on 3rd end of road

Moob & West of ~~Forest~~

22

35



10
14
19
55

Observer: Paul Schubert

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

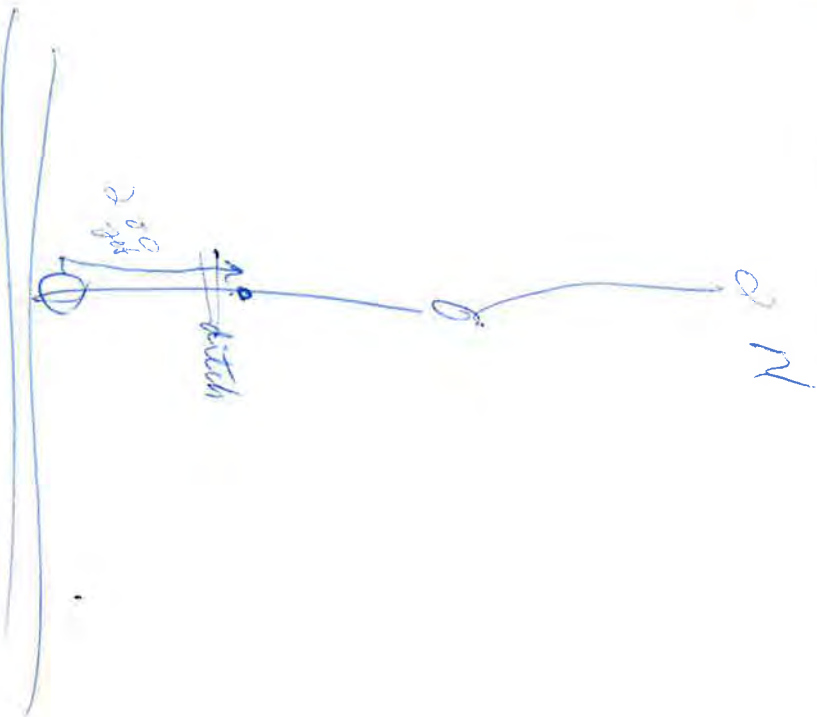
Year: 1988

First Observation				Nest Status										Cover Type										Fate											
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Cx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
297	Q15	4/5/88	600	600	10																							7/19							Rec/M

NOTES

plod in open oak scrub
 from several 8-10 ft tall shrubs
 (very 10-15 ft tall shrubs)

LOCATION SKETCH



Nest was
 placed

Age 2yr

16 7.6

519

•

1986

5/3

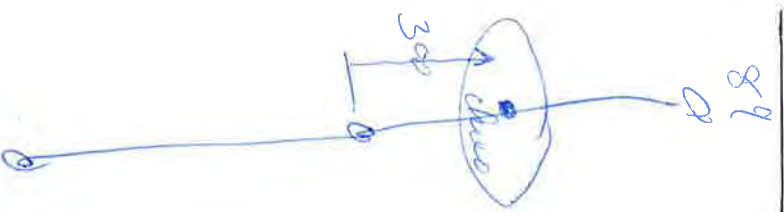
Rich Edward

[illegible]

545

Moll and Steady are. Maryine
 for around corner
 6 days 8 steps N 3 E ground

LOCATION SKETCH



Esperanza

Wendy

85

2/5/20

27

Year: 1788

[illegible]

LOCATION SKETCH

NOTES

22 Aug

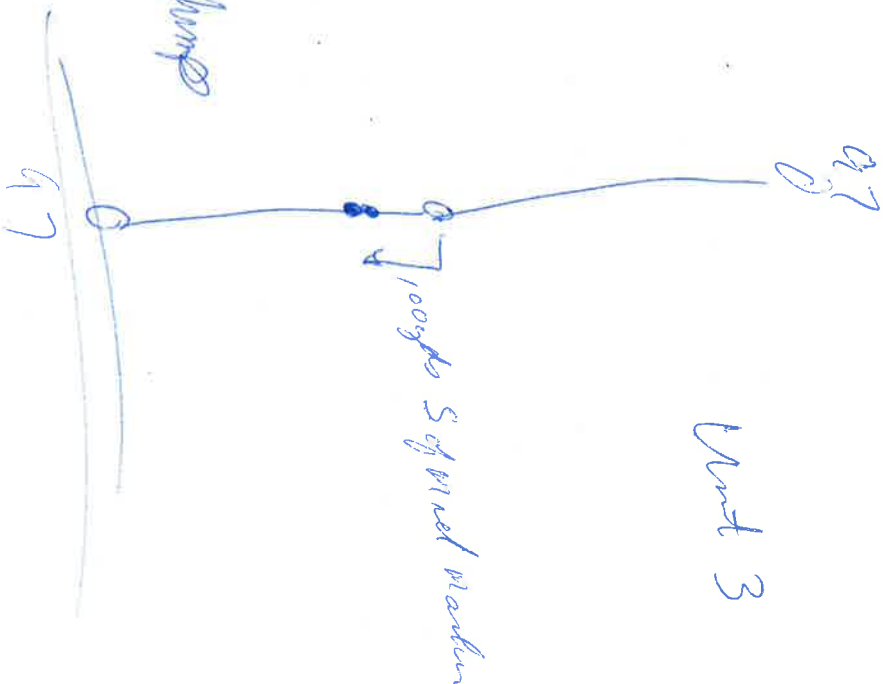
2 more together 517 + 518 10 mls apart

flushed 2 more specimens off towards

the small pool all nests within 30' radius

14 Aug note

will not be less than
standard 8 steps N of 517 and
Grounded 518 is 12 ft south of 517
517 is on Ground 518 is off it and
Back to better road with opposite
cultural dump



23

5

Year:

all water

LOCATION SKETCH

517

19/05/20

W.

Prof. Subramaniam

WATERBOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year:

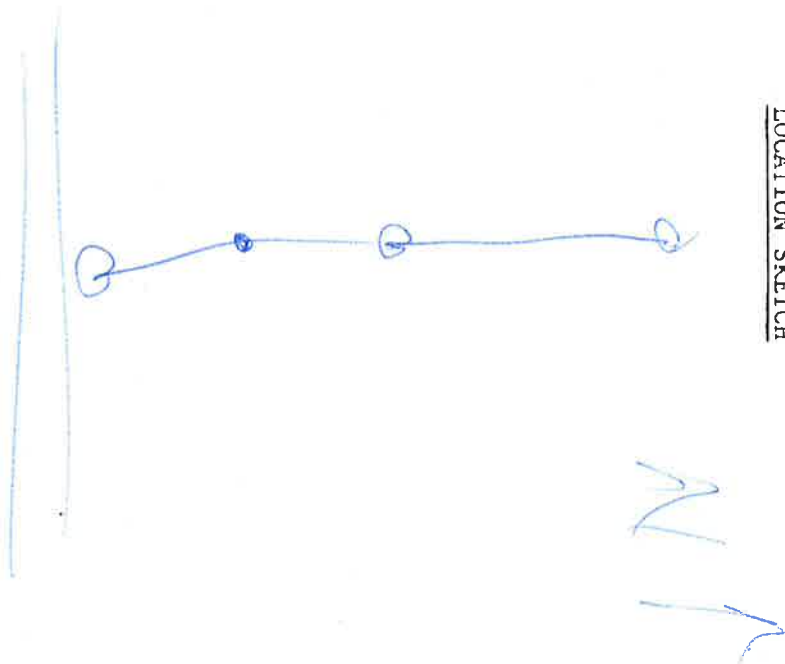
1788

First Observation		Nest Status		Cover Type		Fate
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	
					Laying	
					Incub.	
					Covered	
					Desert.	
					Destr.	
					Flooded	
					Unknown	
					Sx	
					Sve	
					Crx	
					Dst	
					Gx	
					Mof	
					Wx	
					Jba	
					Cx	
					Ix	
					Tla	
					Sva	
					Dike	
					Ditch	
					Flooded	
					Date	
					Hatched	
					No. Hatch	
					Desert.	
					Destr.	
					Flooded	
					Unknown	
					Remarks	
					(No. & exp 1. on back)	

NOTES

LOCATION SKETCH

1. $\frac{1}{2}$ of the population found
 approx 70 yrs. hard to
 get real accurate count.
 eggs + membrane all mixed up
 had to separate.



Observer: Mike Spickard WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1988

First Observation		Nest Status		Cover Type		Fate
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	
					Laying	
					Incub.	
					Covered	
					Desert.	
					Destr.	
					Flooded	
					Unknown	
					Sx	
					Sve	
					Cry	
					Dst	
					Gx	
					Mof	
					Wx	
					Jba	
					Cx	
					Ix	
					Tla	
					Sva	
					Dike	
					Ditch	
					Flooded	
					Date	
					Hatched	
					No. Hatch	
					Desert.	
					Destr.	
					Flooded	
					Unknown	
					Remarks	
					(No. & expl. on back)	

NOTES

LOCATION SKETCH

2 acts 515 1910 in sand
dune about 1000 ft
high
fresh pond

See 515
for map

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1998

6/4

Unit No.		First Observation			Nest Status			Cover Type			Fate																							
Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Cry	Dst	Gx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
3	103	6-15-88	614	W. G. W. 3	1	X													X								7/19							

Colours

Exp. Gen. *Phacelia* *capitata*

NOTES

LOCATION SKETCH

- Fly 10' North of Nest in

unit 3
614
103

grass area
- Nest 20 yds. South of

Brusi

$$N \rightarrow$$

gross [10' North of Nest
year

FLg should
be marked 614
instead of 613

5

WATERBOWL PRODUCTION SURVEY DUCK & GOOSE NESTING DATA

Year: 1988

	First Observation			Nest Status								Cover Type							Date
Unit No.																			
Transect No.																			
Date																			
Nest No.																			
Species																			
No. Eggs																			
Laying																			
Incub.																			
Covered																			
Desert.																			
Destr.																			
Flooded																			
Unknown																			
Sx																			
Sve																			
Cry																			
Dst																			
Gx																			
Mof																			
Wx																			
Jba																			
Cx																			
Ix																			
Tla																			
Sva																			
Dike																			
Ditch																			
Flooded																			
Date																			
Hatched																			
No. Hatch																			
Desert.																			
Destr.																			
Flooded																			
Unknown																			
Remarks (No.&expl. on back)																			

NOTES

- Nest 10' south 1' west of flag
- Nest 150 yds from North
- Nest in grassy area
- Nest 50 yds south of Brush and short grass

I'm surprised it wasn't protected because not so on elevated dinner and in open

all watch

LOCATION SKETCH



Flag will be
Marked G12 →
it should be
G13

Observer: Ted Levin

WATERFOWL PRODUCTION SURVEY DUCK & GOOSE NESTING DATA

Year: 1983

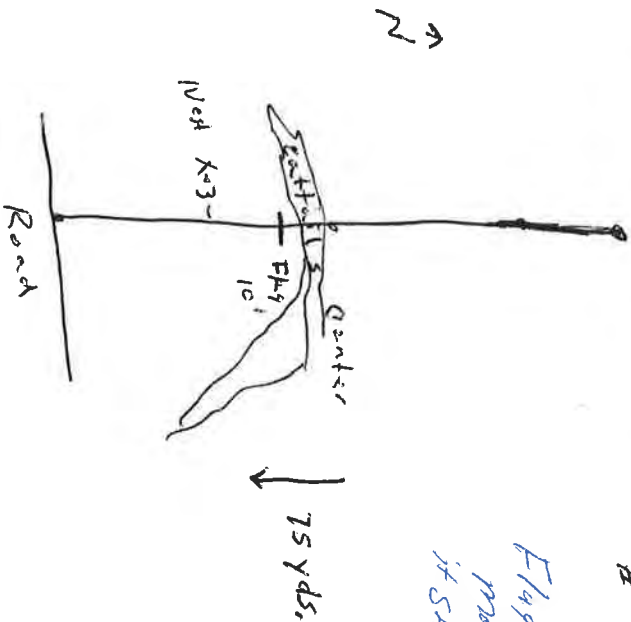
Unit No.	Transsect No.	First Observation			Nest Status										Cover Type										Fate													
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ix	Tla	Svn	Dike	Ditch	Flooded	Date	Hatched No.	Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)			
3	95	6-15-83	610	Brd Teal	6	X															X								7/19	611								

NOTES

Nest is 75 yds south of center post

Nest is 10' south and 3' west of flag in grass
Eggs are beginning to hatch

LOCATION SKETCH



Unit 3
Trans. 95
610
Flag will be marked 610 →
it should be 611

S.M.

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1988

		First Observation						Nest Status							Cover Type								Fate													
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
3	101	6-15-88	6112	Red-well?	8	X											X											7/19	dy							

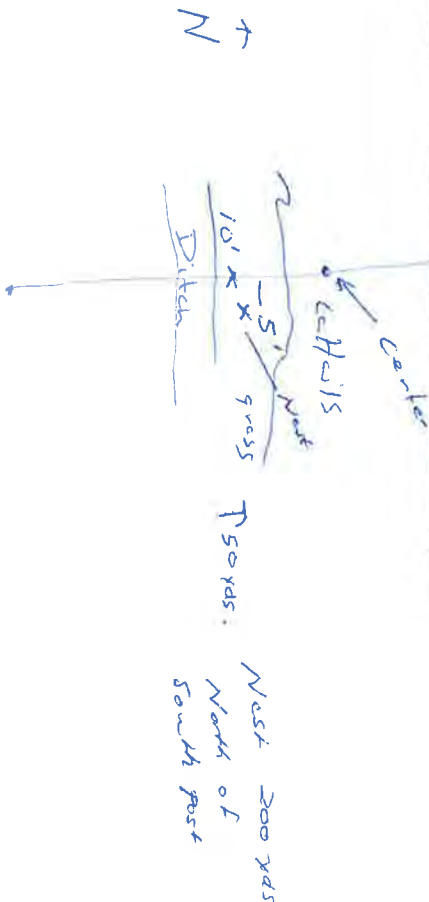
LOCATION SKETCH

- (2) small possibly
- Nest 50 yds north of drainage ditch in grass area
- Nest 200 yds north of South Post
- Nest 100' North, 50' East of flag

and took 1 or 2 of the undigested eggs

612
(and hatched
monarchs)

F/a, will be
G/D → should be
G/D



Observer: Ron Garcia

WHELFORD PROTECTION STEVEN WICK & COOT NESTING DATA

Year: 1988

First Observation			Nest Status										Nest Type										Date		Remarks (No. & expl. on back)											
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva		Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	
4113	5-18-88	308	Shulr	3	✓																✓								6/15/88							

NOTES

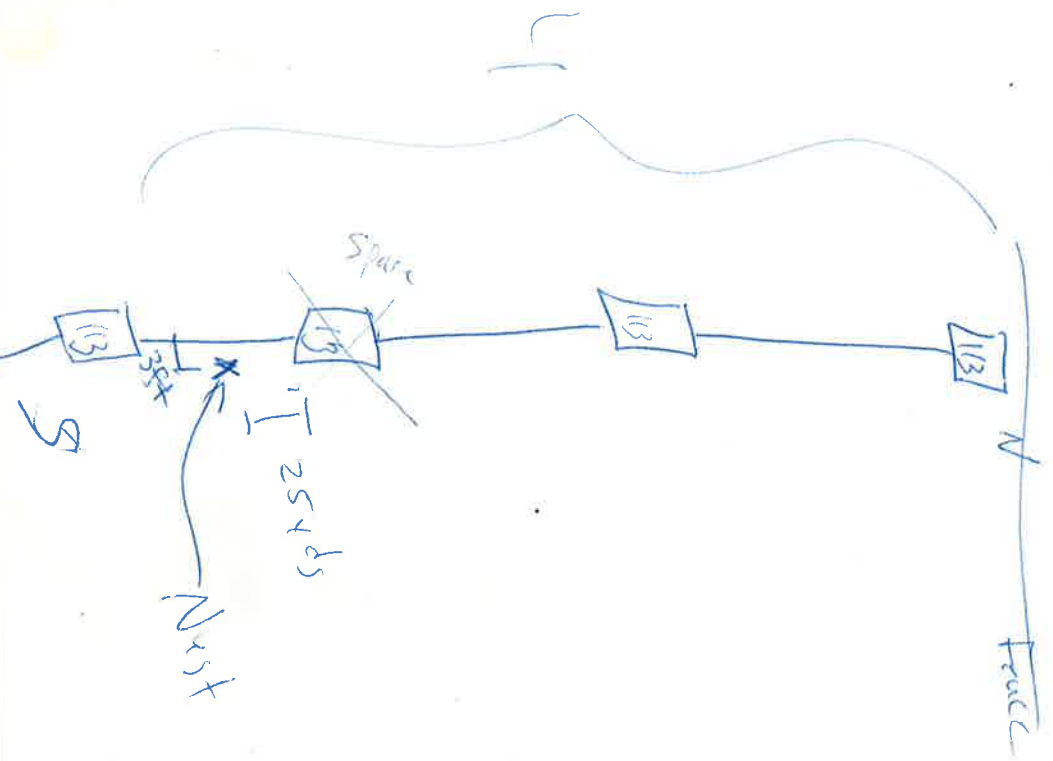
Nest 3 eggs in collars in fence about 30-50 yds and about 25 yds S of Marker 113

Eggs are 10' East of Nest

6/15/88 Nest has 4 eggs and is deserted - the eggs are cold.

* Appears a (Mn) Nest about 6 ft. S of the South of the nest - the (Mn) nest is pretty far into incubation.

LOCATION SKETCH



Tom (Daria)

WATERFOWL PRODUCTION SURVEY DICK & COOT NESTING DATA

20

20

		First Observation			Nest Status			Cover Type												Fate															
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	I'x	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
A	113	6/15/88	B10	(ma)	9																							7/14/88	V	8					

NOTES

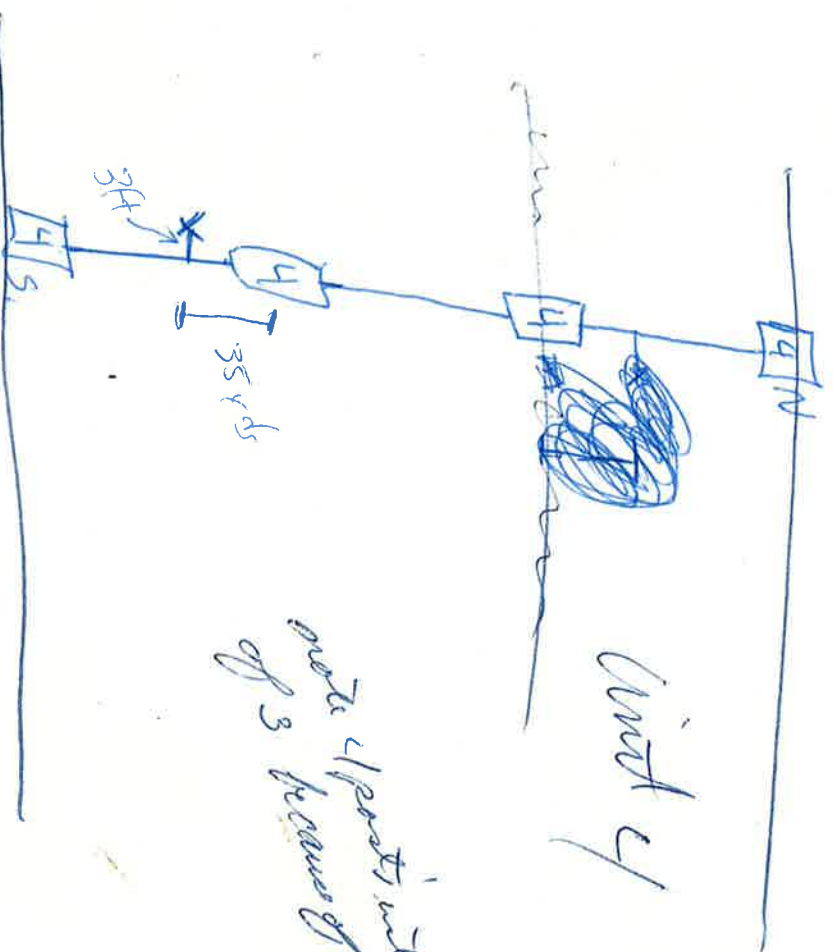
(Mk) Dist. is about 1 std h/p
C. is less and about 35%
N. of 2nd water from South
on 113.

* the shape in egg small is very strange

Flag is 1 step East and 10 steps South of Nest

1 egg color per layer probably
after hatch.

LOCATION SKETCH



note 4 post initial
of 3 houses of cotton

Observer

Connie Melles WITTENBERG PRODUCTION SURVEY TECH & COOT NESTING DATA

Year:

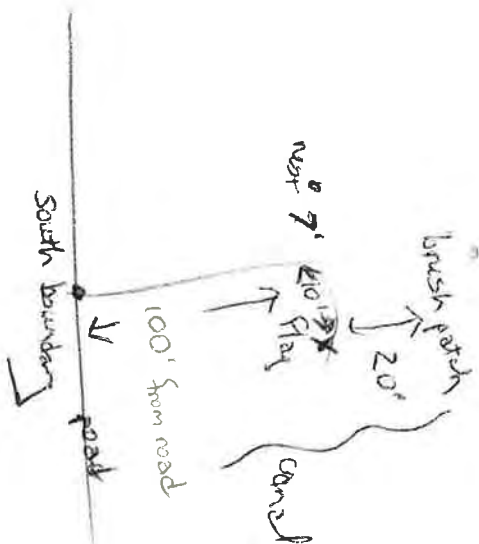
88

Unit No.	Transsect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destn.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destn.	Flooded	Unknown	Remarks (No. & expl. on back)
31	5-16-88	2nd	Yellow	2	X															X							6-13-88								

NOTES

nest 7' from center line
and 100' north of road
Half of nest torn out
eggs packed out
even

LOCATION SKETCH

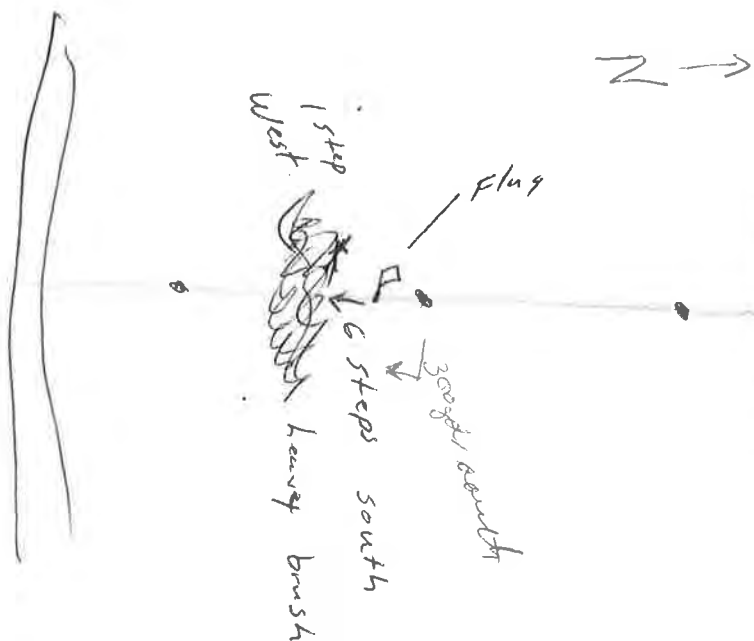


Year: 1988

[illegible]

LOCATION SKETCH

Nest is by brush in sparse
brush
50 feet past heavy brush



Field Observation		Nest Status		Nest Fate		Total	
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.
						Covered	Desert.
						Destr.	Flooded
						Unknown	
						Sx	Sve
						Crx	Dst
						Gx	Mof
						Wx	Jha
						Cx	Ex
						Tla	Sva
						Dike	Ditch
						Flooded	
		Date				Hatched	No. Hatch.
						Desert.	Destr.
						Flooded	Unknown
Remarks (No. & expl. on back)							

NOTES

LOCATION SKETCH

Thank 3-12-80 no return or acknowledgment

Prof. Dr. A. A. A. A.

Indonesian

A hand-drawn diagram consisting of a horizontal line. On the left side, there is a blue arrow pointing to the left. On the right side, there is a blue 'X' mark.

503

Form D-1

Field Form

Unit No. 0

Observer: Art Schell

WATERFOWL PRODUCTION SURVEY DUCK & GOOSE NESTING DATA

Year: 1988

NEST OBSERVATION				NEST STATUS														FATE																		
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
U3	6	15	503	Quail	0																															

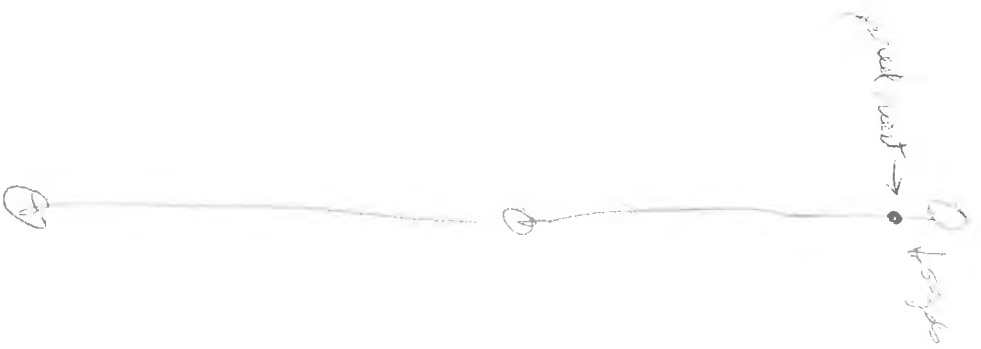
U3

U3 1988

NOTES

Field 3490 yard - 4100m Roundover

LOCATION SKETCH



Feet:

Pach. Schindleria

[illegible]

Guests find the

LOCATION SKETCH

→
W

2' End of Trench

W

505

WATERFOWL PRODUCTION SURVEY DUCK & GOOSE NESTING DATA

Year: 1985

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dat	Gx	Nof	Wx	Jba	Cx	Ex	Tln	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
39	113	3/13	35	Boat	7																						6/15								Shunk

3/9

NOTES

Good. When good Shunk

LOCATION SKETCH

N 361

on the river

→

0

Form D-1 – Waterfowl Production Surveys

Units 7-9

88

[illegible]

LOCATION SKETCH

Leaf 7

2008

32

22

Paul

Observer: C. Mueller

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

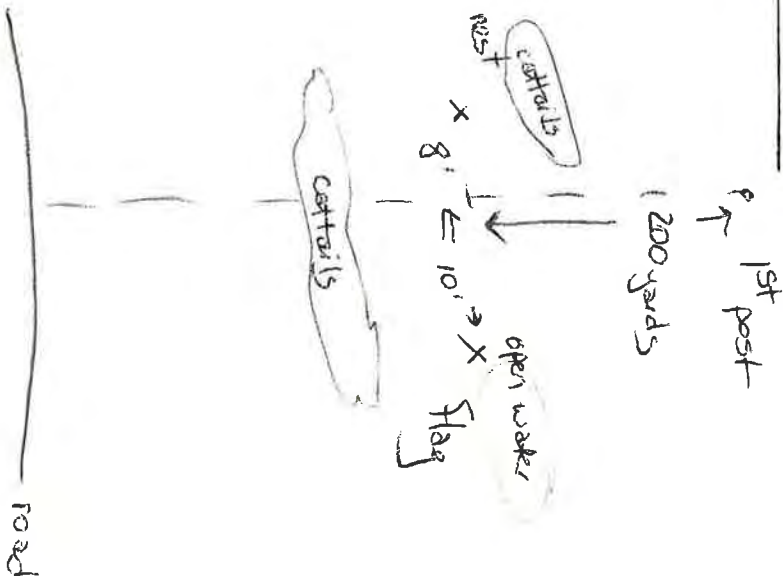
Year: 88

First Observation				Nest Status										Nest Type										Date												
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
7	57	5-17-88	204	Teal-urban	1	X																						7/18								

NOTES

Nest is 8' west of center line in a clump of grass
nest is crudely constructed and
200 yards south of 1/2 mile post

LOCATION SKETCH



507

Unit No. 7

Field Form

Form 1-1

Year: 1988

OB 0001 250 Sparhawk Waterfowl PROTECTION SURVEY TRICK & COOT NETTING DATA

First Observation			Nest Status										Nest Type										Fate												
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
755	613	4/30/507	male	male	7			☒																				7/18							May/June

Parakee

NOTES

Male - very 10 days inc
 elevated and 1' under cotton, spider web
 for several days
 fresh ~~eggs~~
 1st set in 1st covered
 no bird present when found nest

LOCATION SKETCH



628
 19
 448
 7

506

Form I-1

Field Form

Unit No. 7

Observer

Joe Schmalzer

WATERFOWL PROTECTION SURVEY DUCK & GOOSE NESTING DATA

Year:

1988

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
755	413	5/13	506	md	27																						7/18								adulter

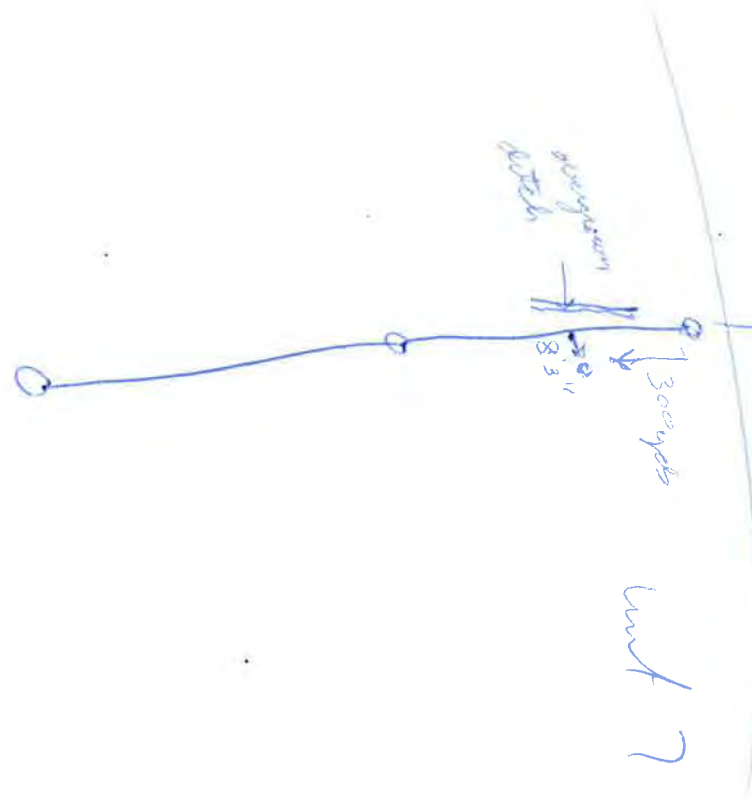
21 day

Unit 1

NOTES

Male just on transect.
 81 eggs per adult with
 male under nest

LOCATION SKETCH



082
 548

605

Form 1-1

Field Form

Unit No. 7
1988

Operator: Todd Levin

WATERFOWL PRODUCTION SURVEY DUCK & GOOSE NESTING DATA

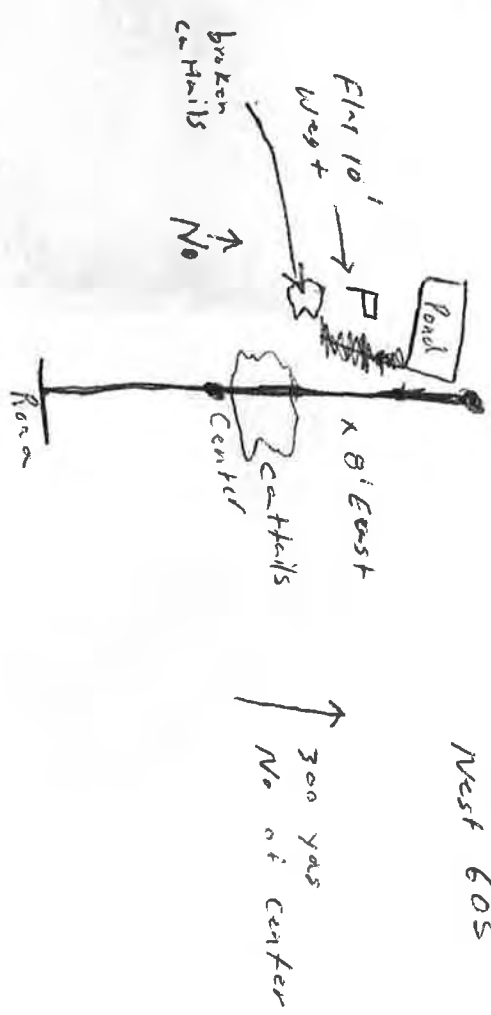
Year: 1988

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	NoF	Wx	Jba	Cx	Ex	T1a	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
7	65	6-13-88	605	Mallard	4	X																					7/18	4							

NOTES

Nest lying under matted down grass 300 yds North from center

LOCATION SKETCH



Unit 7
#65
Nest 605

Mid

603

Form T-1

Field Form

Unit No. 7

Observer: Todd Lewis V. TIREHEAD PRODUCTION SURVEY DATA & COW MOUNTING DATA

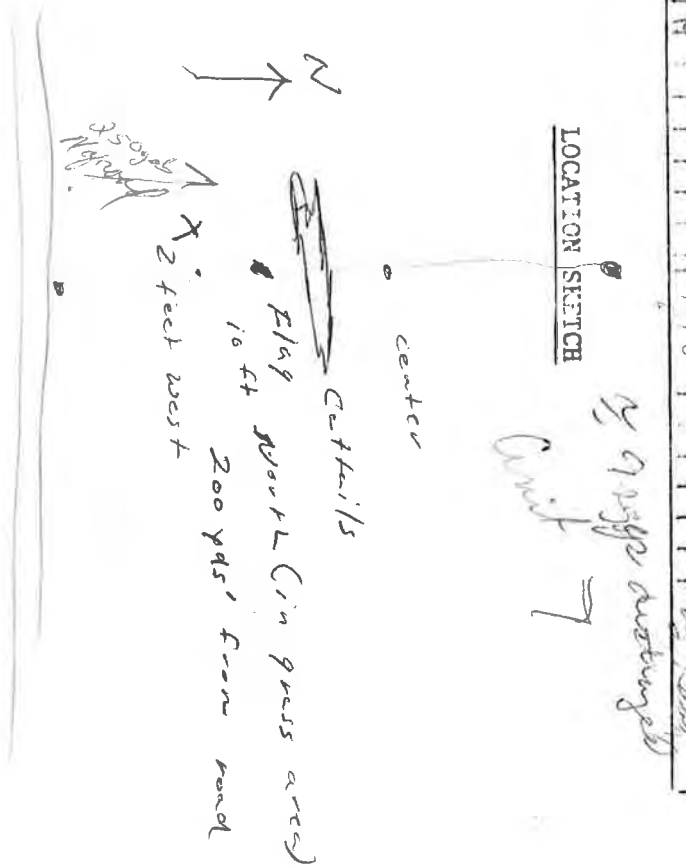
Year: 1988

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jha	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
7	59	6-13-88	603	Bu Teal	4	✓	✓													✓							7/18							2 eggs destroyed	

NOTES

2 eggs broke by Raven
2 eggs normal
200 yds from Road

LOCATION SKETCH



Road

Field Form

Nest No. 7

Year: 1988

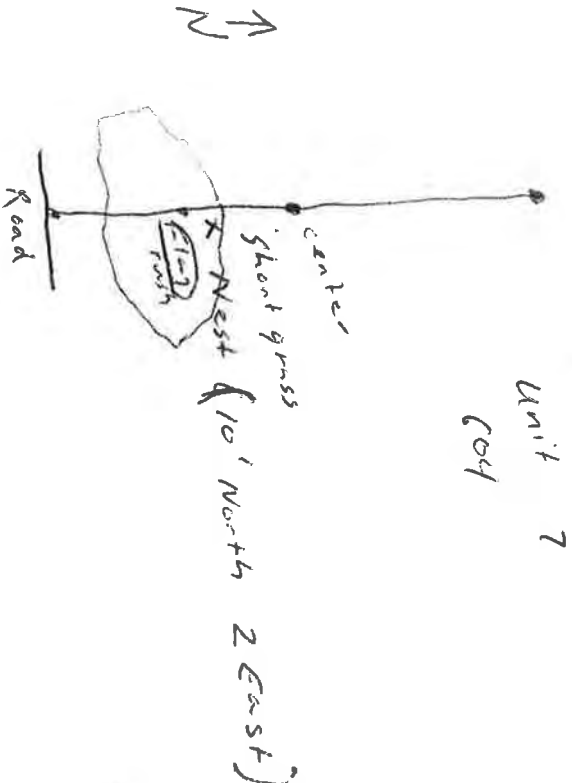
NESTING PRODUCTION SURVEY DUCK & GOOSE NESTING DATA

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Fx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
7	65	6-14-88	604	Ten	84	4	X																				7/18									

NOTES

Nest greatly constructed
4 eggs laying somewhat submerged in water

LOCATION SKETCH



Road

Form D-1

Field Form

Nest No. 7

Observer: Paul Schenckel

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1984

First Observation				Nest Status										Cover Type										Fate					Remarks (No. & expl. on back)							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date		Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	
761	6/14	5/14	508	BWT	6		✓														✓							7/18	45							

NOTES

Large 18 incubation.
 Start on eggs leaving other
 1 egg 4 days later
 need 1 egg of 1 incubation
 1 egg covered cover
 1 egg

LOCATION SKETCH



32
 2
 48

04

Form D-1

Field Form

Unit No. 8

Observer: Paul Schneider WATERFOWL PROTECTION SURVEY TRACK & COOT NESTING DATA

1988

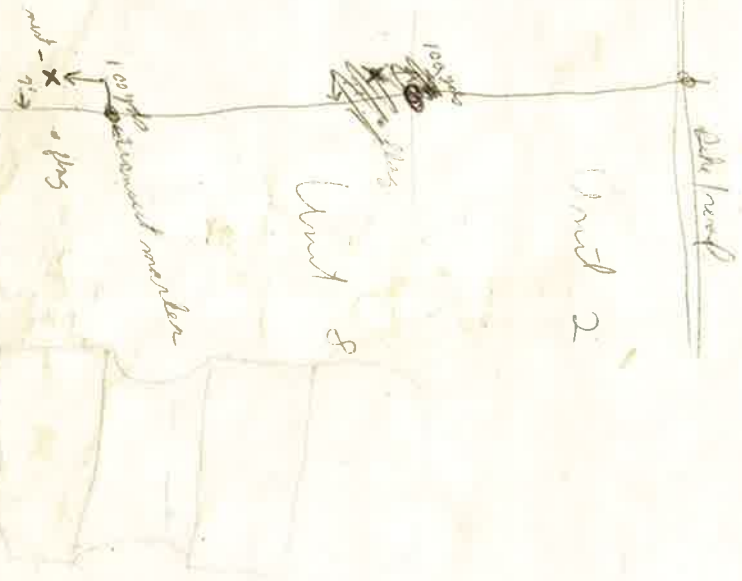
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Grx	Dst	Gx	Hof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
8	77	5/18/88	04	Mal	1																					5/14								

NOTES

1st nest, and 7 but west of Elmwood + 100 yds south of road
 about 48 + pole 77
 - about 100 yds from road
 4 eggs east of road
 1 egg seen 100 yds from road

Missile

LOCATION SKETCH



5/14 All eggs gone

N 2 710 ft
 10.05

082
 13-6

79

38
 12-36

145-02

05

Unit No. 8

Field Form

Form 1-1

Observer: Pick Schmidt PROTECTION SERVICE BUCK & COOT MEETING DATA

Year: 1988

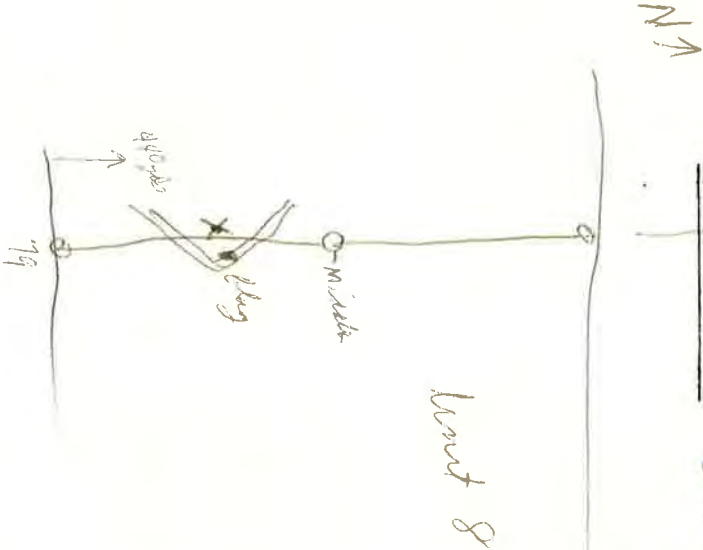
First Observation			Nest Status										Nest Fate																							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Hof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
8	19	5/18/88	05	Mol	7			X																				4/14								

23. May

NOTES

7 eggs 23 May one - 1st dist in line leaving
 nest / other present
 Nest located against 440 yds road & sand dunes
 (Transect 19) Unit 8. Only 1 nest west of this nest
 Fly on ditch edge 63 Eggs 3rd of nest

LOCATION SKETCH



621
 30
 3

02

Form I-1

Field Form

Unit No. 8

Observer: Dick Silverman, WATKINS PROTECTION SURVEY DICK & COOT READING DATA

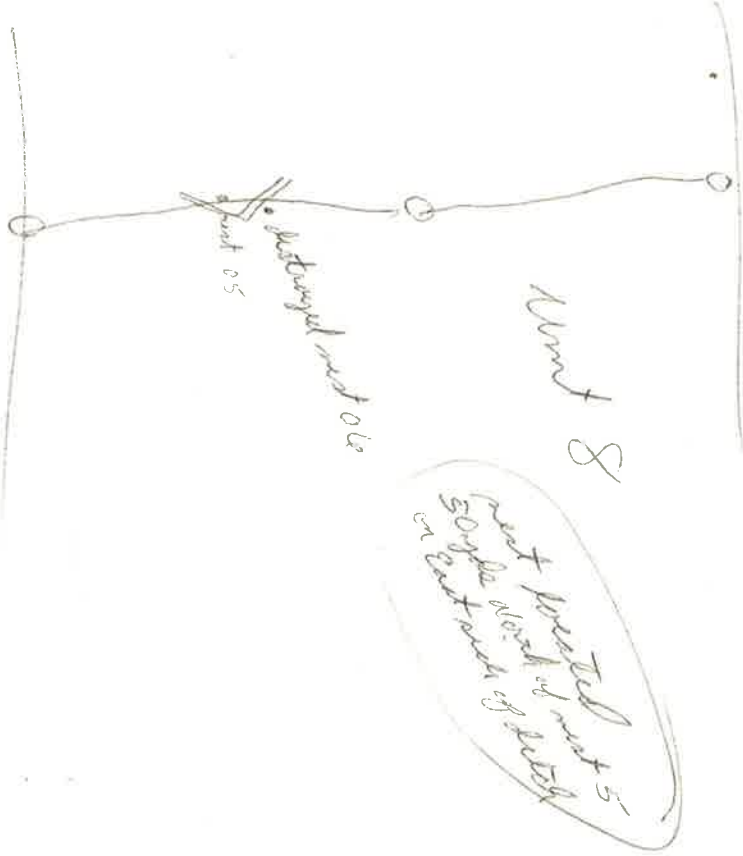
Year: 1985

First Observation		Second Status										Date																								
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Inch.	Covered	Desert.	Dest.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Dest.	Flooded	Unknown	Remarks (No. & expl. on back)	
819	518	8806	Mal	9																							6/14									

NOTES

Isolated nest - Corveta
 from dead left hand of nest
 then not within first 100 eggs in the section.
 from left hand side - nest contained in eggs
 contained within about 1000 eggs

LOCATION SKETCH



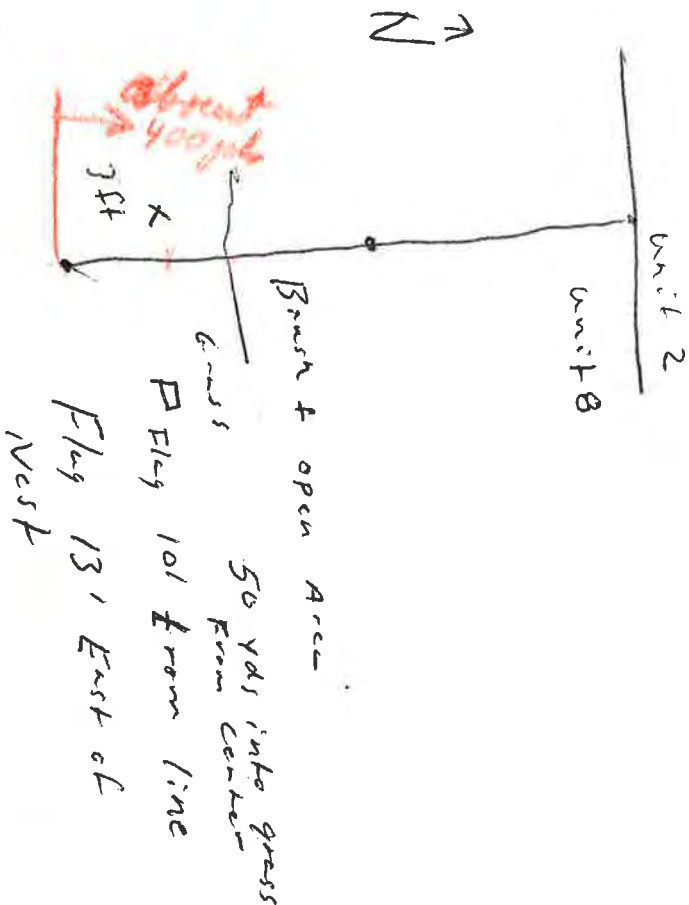
Year: 1988

[illegible]

LOCATION SKETCH

Flag 13' East of Nest
Red Marker present

Sendin badly thought
REACH are amongst - could
 have been predicted with
 # 610 B

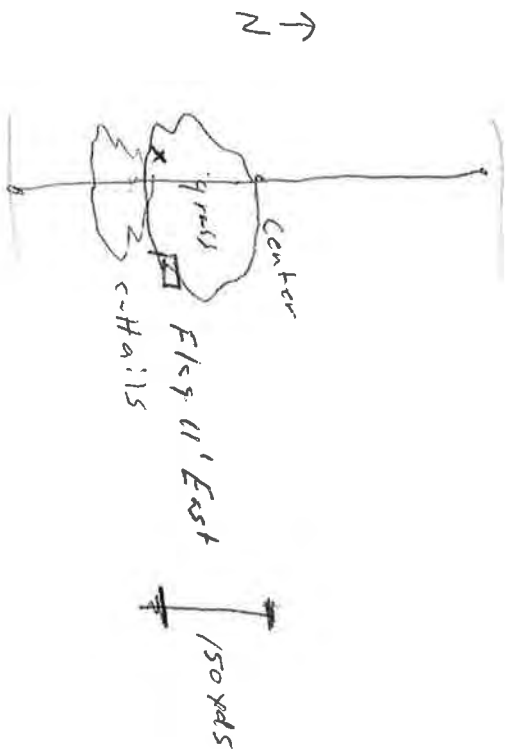


Year: 1988

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
0	73	6-13-88	608	M/-11 and	4		X			✓										X							7/19								

LOCATION SKETCH

4 eggs 1 egg destroyed → half
= size eaten probably R-ver
Nest 11' west of flag
W 1 ft. off of transect line
in grass



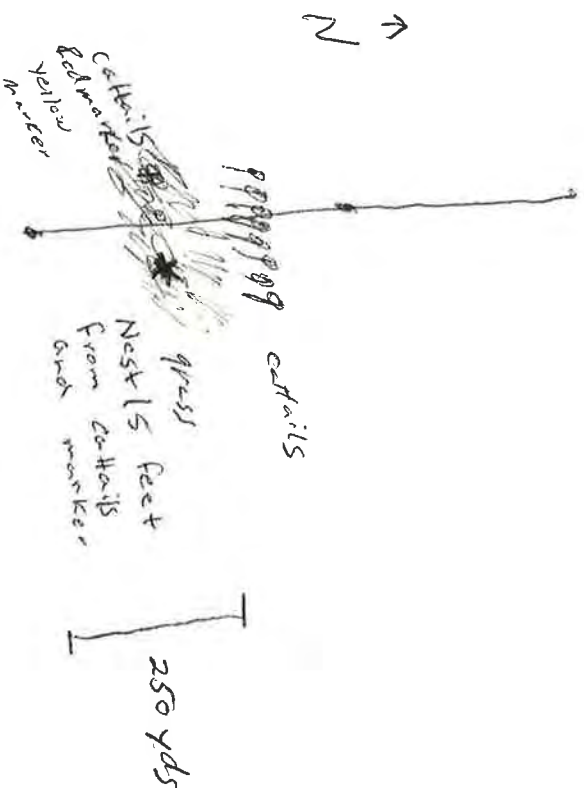
Year: 1993

[illegible]

Verit 8

7 eggs $\rightarrow$ 4 hatched 3 unhatched

Nest 15' East of Red
bank yellow marker in
tall grass



Observer: David Schindler TITFOWL PROTECTION SURVEY DUCK & COOT NESTING DATA

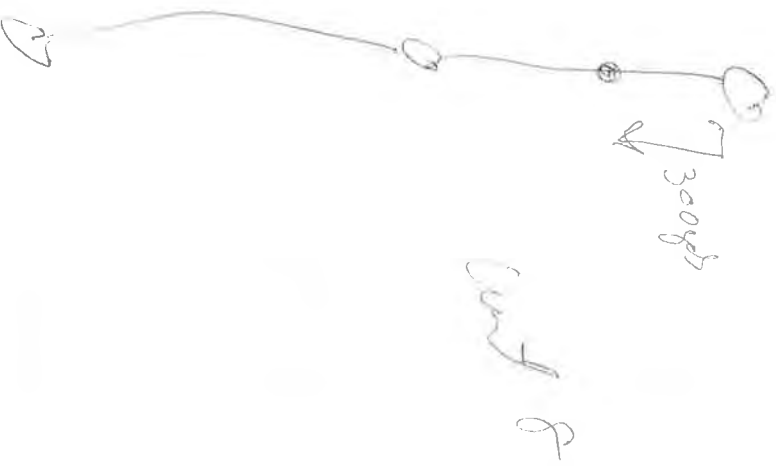
Year: 1988

First Observation				Nest Status				Nest Type												Fate															
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
8	72	6/14/88	1	mall	7					X										X															coon

NOTES

Final water level
~~coon~~ & coon

LOCATION SKETCH



predicted water level

Form F-1

Field Form

Unit No. 8

Observer: Paul Hunsbaker WATERFOWL PROTECTION SERVICE DUCK & GOOSE NESTING DATA

Year: 1988

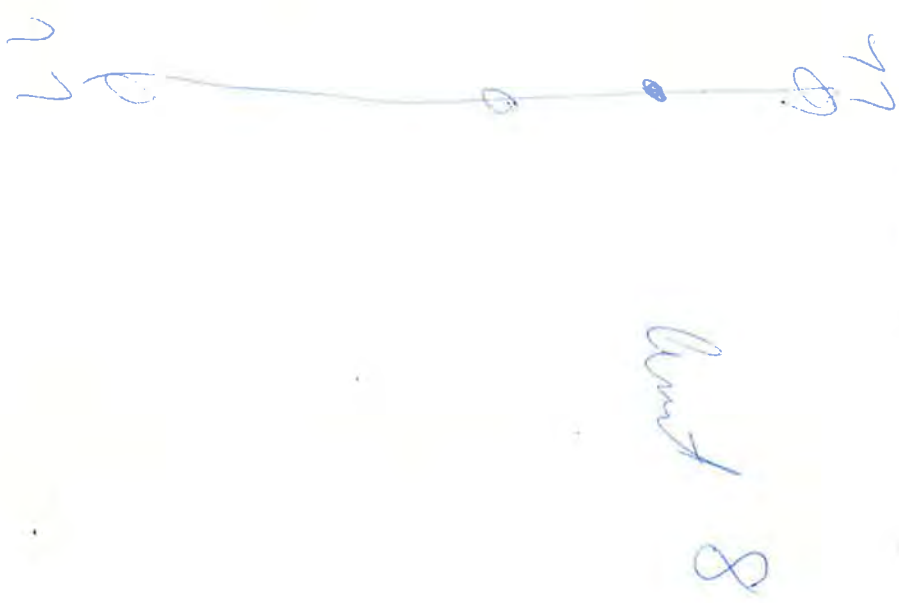
First Observation				Nest Status										Nest Type										Date		Remarks (No. & expl. on back)									
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike		Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown
777	1/14	5/14	510	Shorebird	108																							6/14	7						

found successfully hatched

NOTES

Area marked on 11 May March
in line of suspected nest but could
not locate
evident overhead cover

LOCATION SKETCH



411

Form E-1

Field Form

Unit No. 9

Observer: Brook

WILDLIFE PROTECTION SERVICE BUCK & COCK NESTING DATA

Year: 88

First Observation				Nest Status				Nest Type												Fate				Remarks (No. & expl. on back)													
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	MoF	Wx	Jba	Cx	Ex	Tla		Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown		
9	91	5/17	411	Mallard	8		X													X									6/15	X	8						

NOTES

5/17 Mallard w/ 8 eggs lots of down

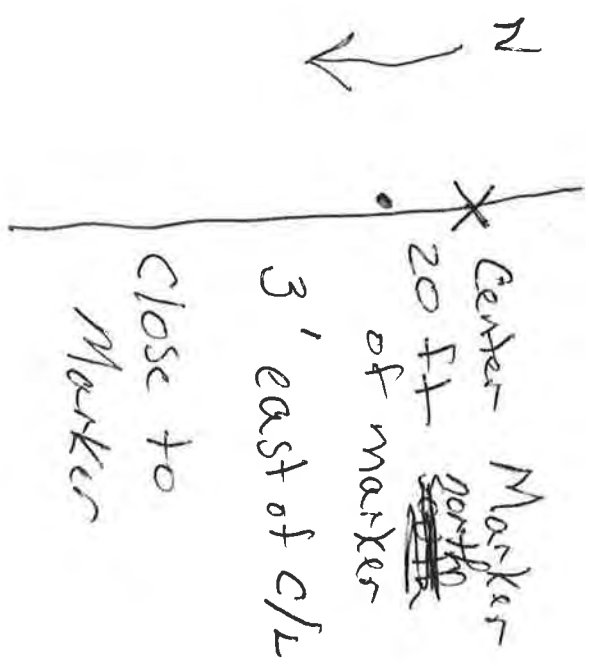
20' North of center marker
3' east of c/l

fair cover from above
but close to transect marker??

20' south of flag

6/15 All hatched 8 eggs

LOCATION SKETCH



A12

Form D-1

Field Form

Unit No. 9

Observer:

Brook

WATERFOWL PRODUCTION SURVEY DUCK & GOOSE NESTING DATA

Year:

88

First Observation				Nest Status										Nest Fate																						
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
9	91	5/17	412	Mal	7		X												X							X		6/15	X	X						

Whitetop
on ditch bank

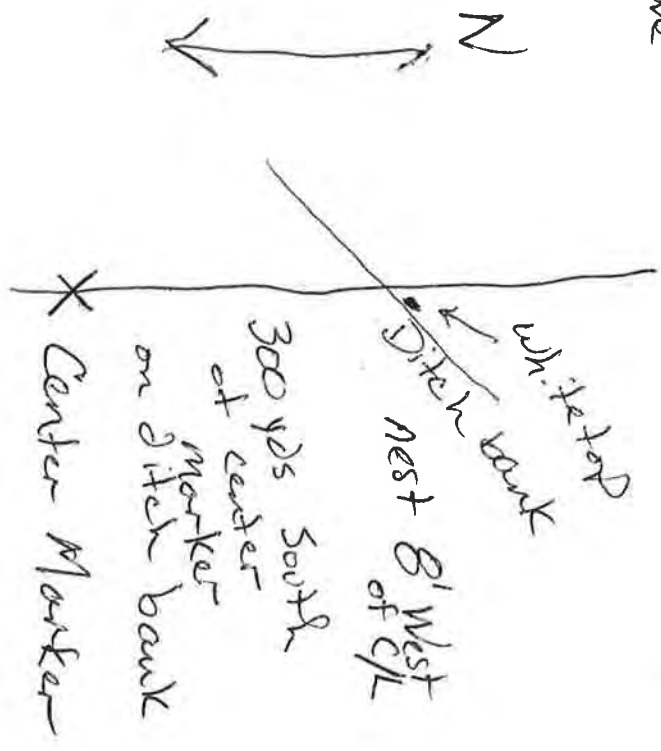
LOCATION SKETCH

NOTES

5/17 Mallard 7 eggs
under whitetop fair view from above

located on ditch bank
8' west of chl
10' west of flag
300 yds South of center marker

6/15 All 7 eggs hatched



413

Form 2-1

Field Form

Unit No. 9

Observer: Brack

WETLAND PROTECTION SURVEY DUCK & COOT NESTING DATA

Year: 88

First Observation				Nest Status												Nest Fate																				
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
9	93	5/17	413	Ma1	7	X														X								6/15	X	4	1					

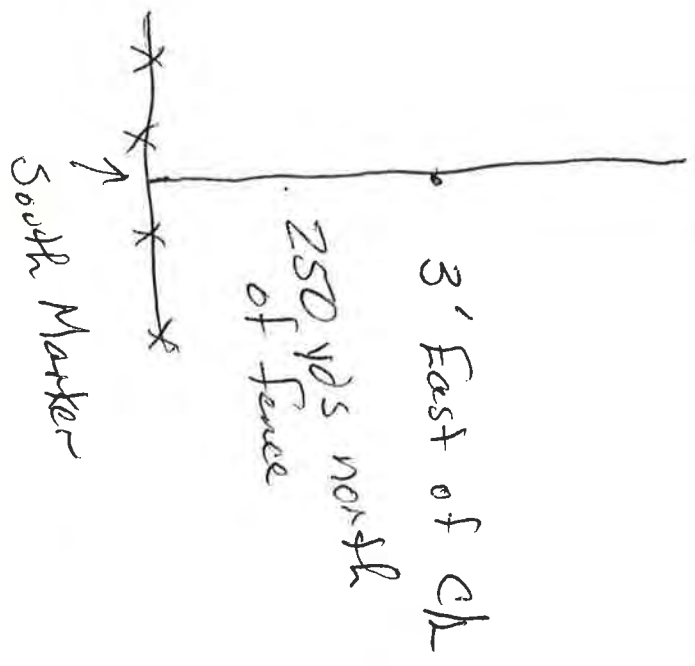
NOTES

5/17 Mallard 7 eggs
 extremely well hidden from above
 250 yds north of fence & south marker
 3' east of chl
 20' south of bog

6/15 4 Hatched
 2 Unhatched
 1 Raven Predation

N ↑

LOCATION SKETCH



A14

Form I-1

Field Form

Unit No. 9

Observer:

Brock

WATERFOWL PRODUCTION SURVEY DUCK & GOOSE NESTING DATA

Year:

88

Unit No.		Transect No.		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
9	97	5/17	A14	BWT	10	X																X								6-15-88	X						

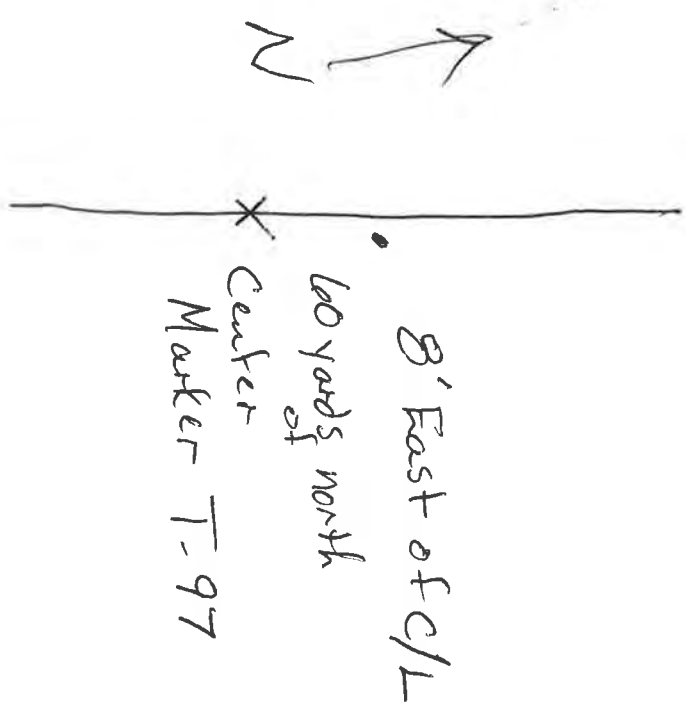
C.I.T.

NOTES

5/17 BWT/Teal w/ 10 eggs
Well covered
60 yds north of center marker
10' east of flag

All eggs appear to have hatched

LOCATION SKETCH



A15

Form D-1

Field Form

Unit No. 9

Observer: Brock

WATERFOWL PROTECTION SURVEY DEC. 4 COOT NESTING DATA

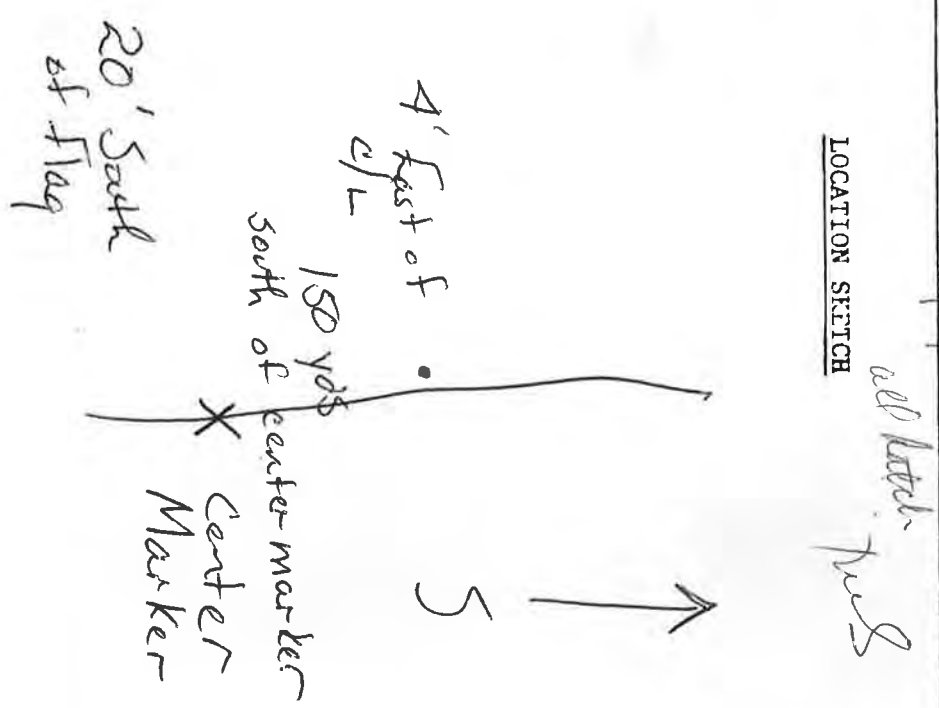
Year: 88

First Observation			Nest Status										Nest Type										Fate		Remarks (No. & expl. on back)											
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva		Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	
9	99	5/17	A15	Ma1		8		X													X								6/5/88							

NOTES

5/17 Malbard w/8 eggs
 Well covered from above
 150 yds south of center marker
 5' east of c/L
 20' south of flag

LOCATION SKETCH



401

Form D-1

Field Form

Unit No.

9

Observer:

Brook

WATERFOWL PRODUCTION SURVEY DUCK & GOOSE NESTING DATA

Year:

88

First Observation			Nest Status										Nest Type										Fate		Remarks (No. & expl. on back)											
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva		Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	
9	83	5/17	401	Mal	8			✓													X								6/15/88							

NOTES

5/17 Mal w/ 8 eggs incubating

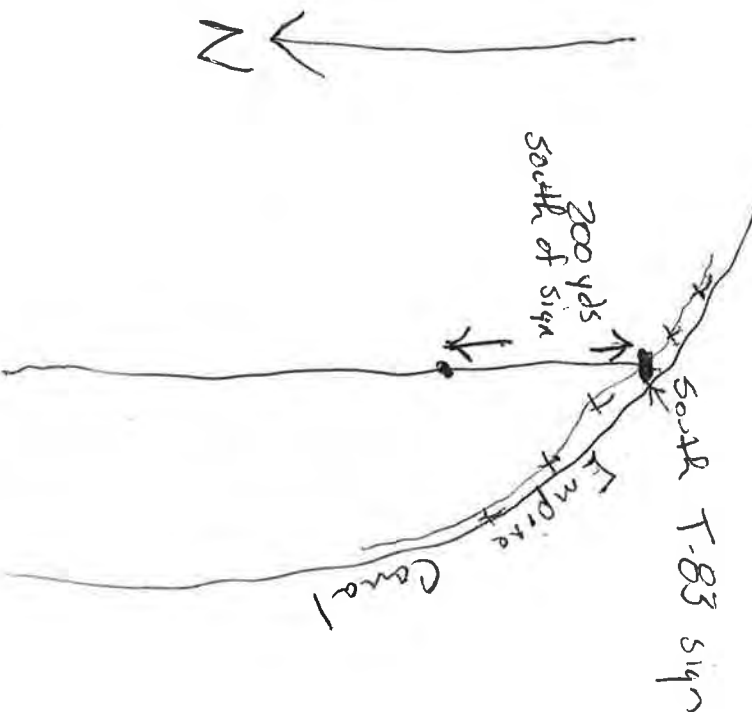
locate on transect C/L

well covered from above

locate 200 yds north of south marker

16' south of flag on C/L

LOCATION SKETCH



A10

Form D-1

Field Form

Unit No. 9

Observer:

Breck

WATERFOWL PROTECTION SURVEY BOOK & COOT NETTING DATA

Year:

88

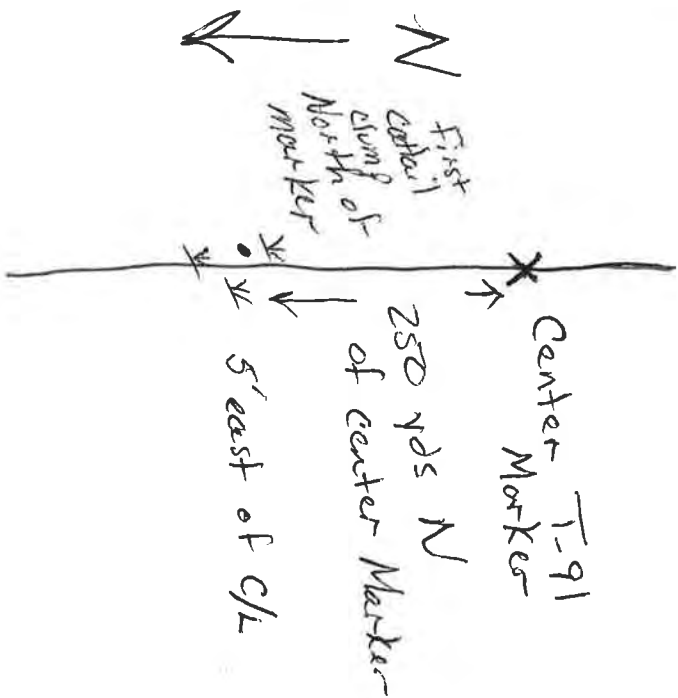
First Observation			Nest Status										Nest Fate																								
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)		
9	91	5/17	410	Ma 1	7	✓	✓																	X				6/15									

Cottail

NOTES

5/17 Mallard w/ 7 eggs some down in cattail not well covered from above

LOCATION SKETCH



located 200 yds north of center marker on east edge of cattail clump 10' east of yellow flag I put of some red ribbon

6/15 1 egg remaining whole all others totally missing

Kaiser

Observer: Todd Levin

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

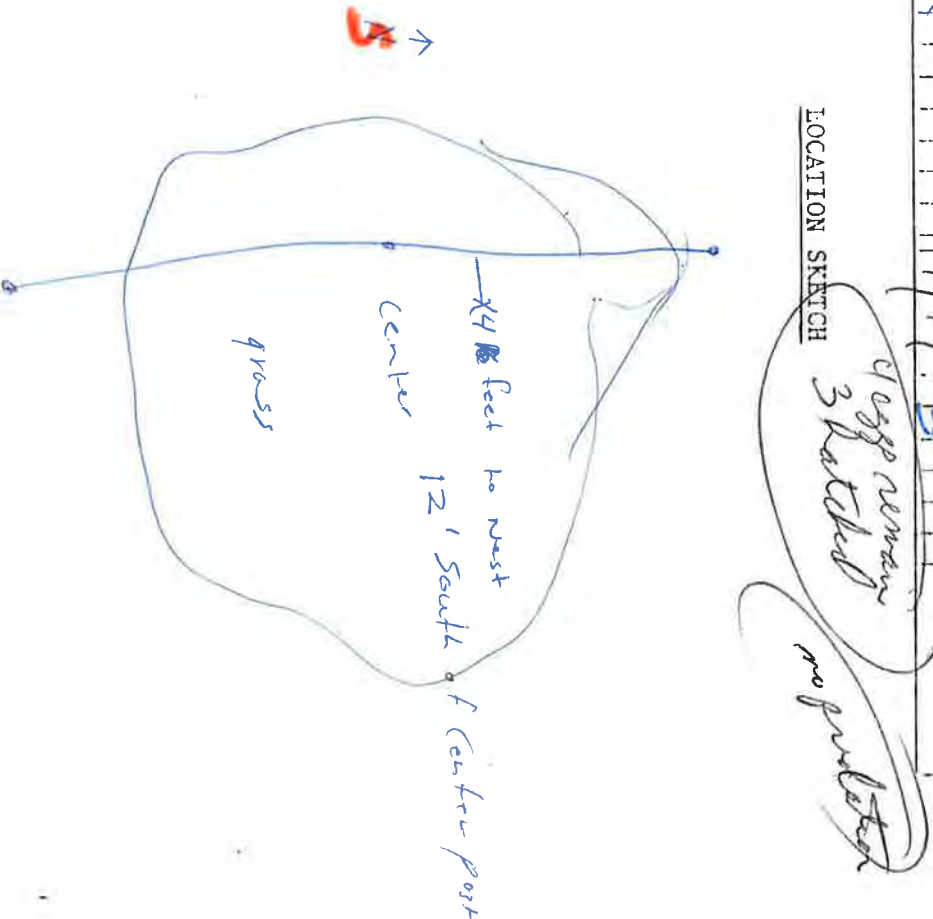
Year: 88

Unit No.	Transect No.	First Observation				Nest Status												Cover Type												Fate				Remarks (No. & expl. on back)			
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded		Unknown		
9	95	6-15-88	616	Malind	7	X														X								7/19/88									

NOTES

- Nest 12' South of
- West of center post
- Egg is at center post

LOCATION SKETCH



Observer: Todd Levin

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

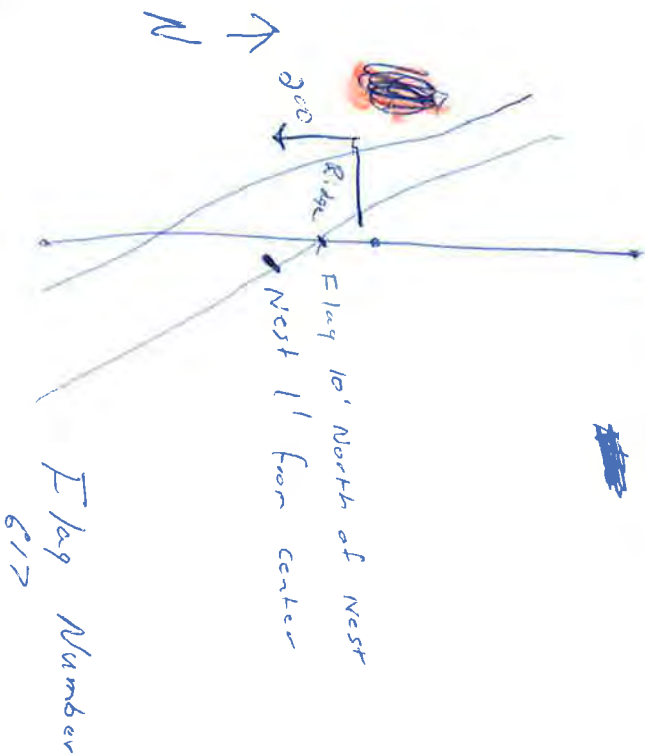
Year: 88

Unit No.	Transect No.	First Observation				Nest Status												Cover Type												Fate							
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)		
9	95	6-15-88	6	Mallard	6		1																					7/19	46	all hatched							

NOTES

- Nest in tall dead
grass 200 yds from
center post.
- Nest is on a small
ridge

LOCATION SKETCH



Observer: Todd Levin

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

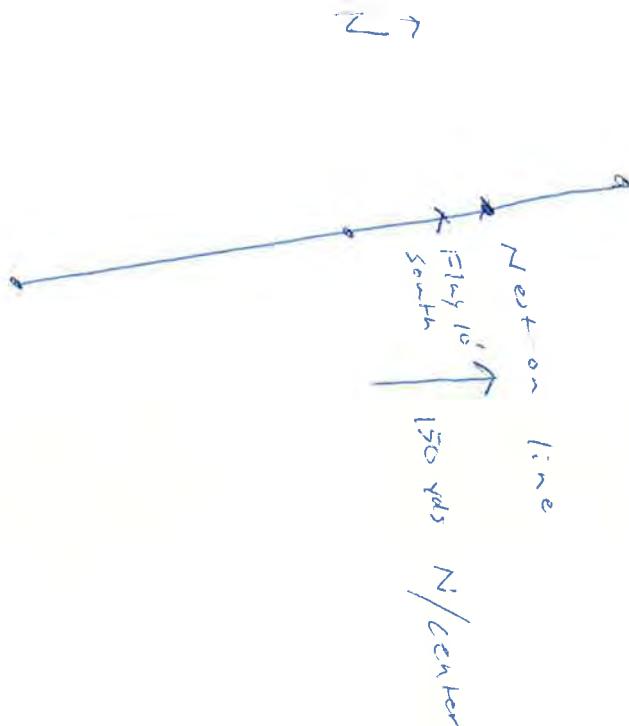
Year: 88

Unit No.	Transect No.	First Observation				Nest Status												Cover Type												Fate				Remarks (No. & expl. on back)			
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Cry	Dst	Gx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded		Unknown		
9	97	6-15-88	618	Mallard	5		X																					7/19									Abandoned

NOTES

- Egg 10' south of Nest
 - Nest on line 150 yds
 North of center in
 tall grass

LOCATION SKETCH



Abandoned
 no production unit 9
 # 618

Observer: Todd Davis

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

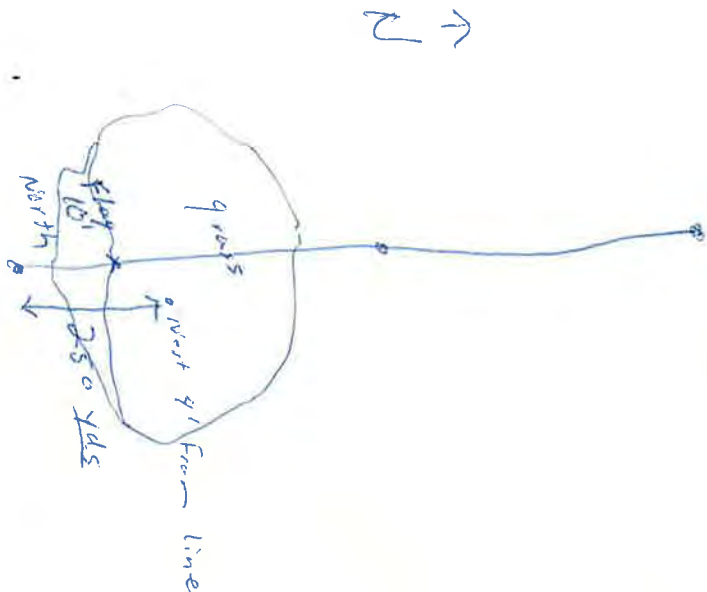
Year: 88

Unit No.	Transect No.	First Observation			Nest Status										Cover Type										Fate		Remarks (No. & expl. on back)										
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Cry	Dist	Gx	Mof	Wx	Alba	Cx	Ex	Tla	Svn	Dike	Ditch		Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown		
9	95	6-15-88	615	Mallard	7	X														X									7/19								

NOTES

- Flag 10' N, 4' E of Nest
- Nest in grass

LOCATION SKETCH



Flag should
be marked 615
instead of 614

918

Form D-1
Observer: Brock

Field Form
WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Unit No. 9
Year: 88

Unit No.	Transect No.	First Observation				Nest Status												Cover Type												Fate					Remarks (No. & expl. on back)	
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown		
9	93	4/15/88	918	Ma1	7																							4/15	X7							

Hatched

NOTES

10/15 found Hatched
Mass nest
w/ 7 eggs hatched

LOCATION SKETCH

100 yds North
of center
marker
on c/L
- Hatched -
No Flag
No recheck needed

Y.

88

	First Observation			Nest Status	Cover Type	Fate
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying Incub.
					Covered Desert.	Destr.
					Flooded Unknown	Sx
					Sve	Crx
					Dst	Gx
					Mof	Wx
					Jba	Cx
					Ix	Tla
					Sva	Dike
					Ditch	Flooded
		Date	Hatched	No. Hatch	Desert.	Destr.
					Flooded Unknown	Remarks (No.&expl. on back)

LOCATION SKETCH

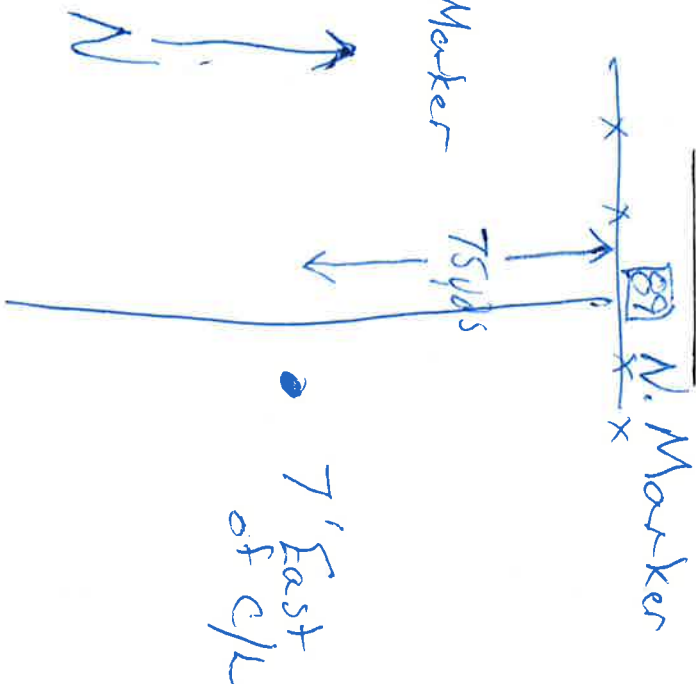
Not Flagged
Destroyed!

Unit No.	Transect No.	First Observation				Nest Status												Cover Type												Fate				Remarks (No. & expl. on back)		
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded		Unknown	
989	6/15/88	912	Redhead	7		X														X								7/19/88								

NOTES

lots Redhead w/ 7 eggs
Not well covered
lots of visible down
75 yds south of N. Trans. Marker
7' east
251 North of flag

LOCATION SKETCH



911

Form D-1

Field Form

Unit No.

9

Observer:

Brock

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year:

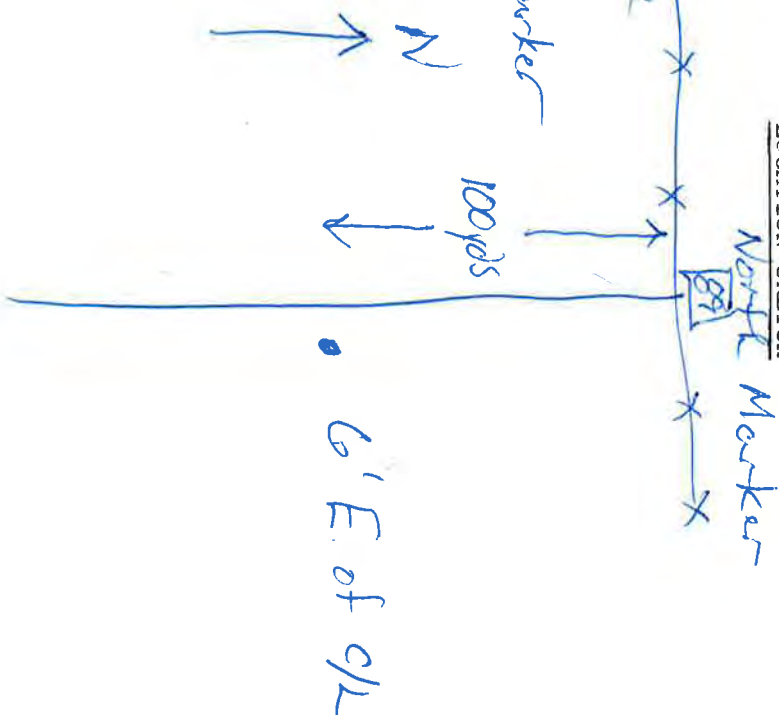
88

Unit No.	Transect No.	First Observation			Nest Status													Cover Type													Fate						
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)		
9	89	6/15	911	Mal	7	X														X									7/14/88						X		Avian

NOTES

6/15 Mal w/ 7 eggs
fairly well covered from above
6' East of c/L
100 yds South of N. Transect Marker
25' North of flag

LOCATION SKETCH



909

Form D-1

Field Form

Unit No. 9

Observer: Smith

KATEBOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

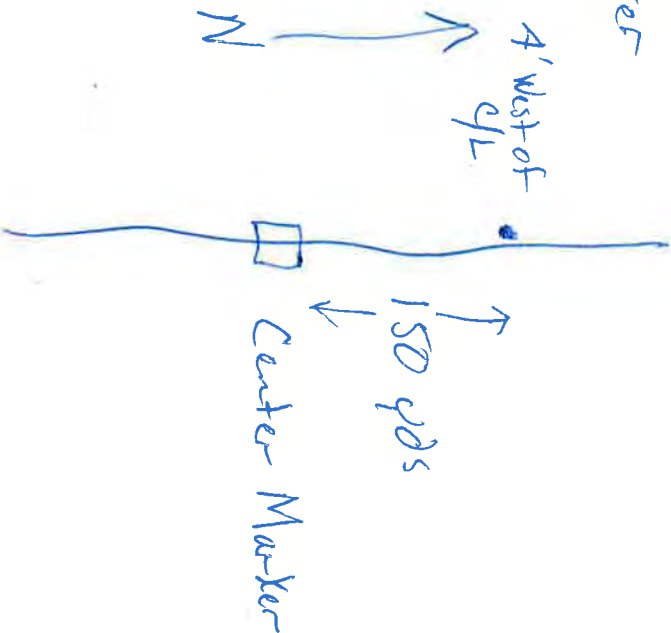
Year: 1988

First Observation				Nest Status												Cover Type												Fate									
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched No.	Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)		
9	89	4/15	909	BWT	9		X														X								7/14/88	X	9						

NOTES

6/15 BWT w/9 eggs
well covered from above
150 yds North of reader marker
4' West of c/L
25' North of Flag

LOCATION SKETCH



Year:

39

First Observation			Nest Status			Cover Type			Date
9	Unit No.								
81	Transect No.								
6/15	Date								
901	Nest No.								
Redhead	Species								
7	No. Eggs								
X	Laying								
	Incub.								
	Covered								
	Desert.								
	Destr.								
	Flooded								
	Unknown								
	Sx								
	Sve								
	Cry								
	Dst								
	Gx								
	Mof								
	Wx								
X	Jba								
	Cx								
	Ix								
	Tla								
	Sva								
	Dike								
	Ditch								
	Flooded								
7/19/68	Date								
	Hatched								
	No. Hatched								
	Desert.								
X	Destr.								
	Flooded								
	Unknown								
Acacia	Remarks (No. & expl. on back)								

Redhead w/ 7 eggs

No over-head cover

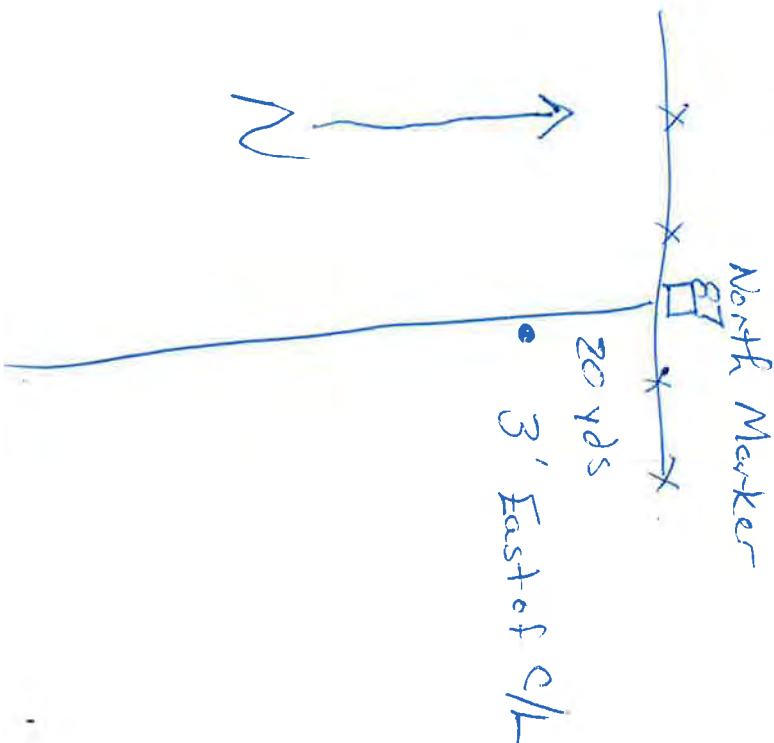
lots of down

20 yds South of North Marker

3' East of C/L

25 sack of + bag

LOCATION SKETCH

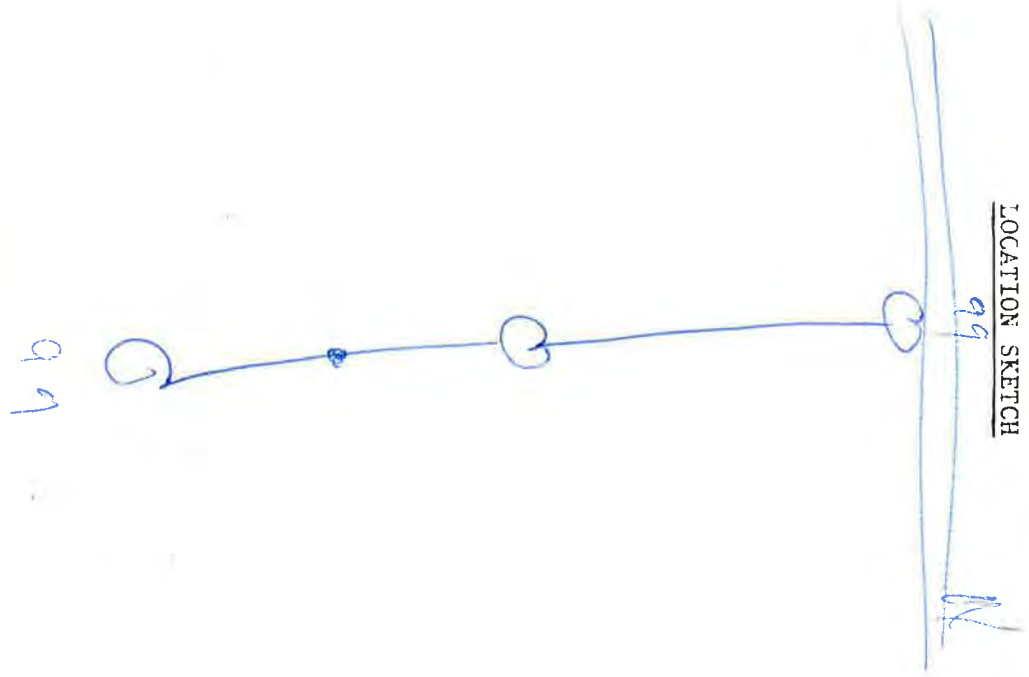


Year:

all hands

LOCATION SKETCH

That is God of Israel



2

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year:



Unit No.		First Observation			Nest Status			Cover Type			Date																							
Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl, on back)
989	6/15/88	908	Ma-1	6	X												X										7/19/88			X				COOL

Giant Whitefish

SEIX

19/5 Mat w/ 6 eggs

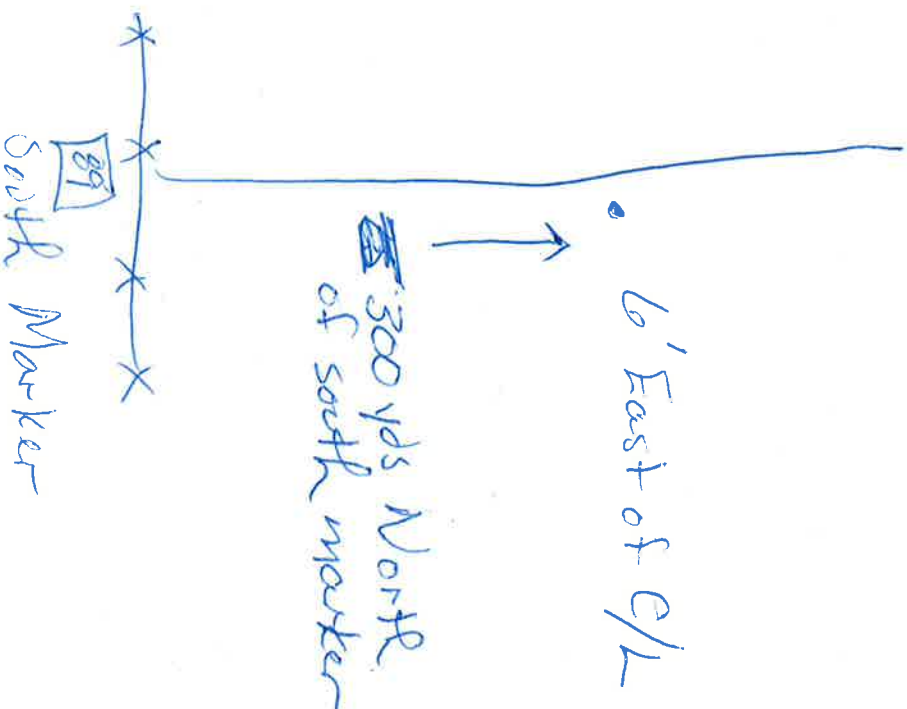
Not well covered from above

25' North of Flag

300 yds North of South marker

6' East of C/L

LOCATION SKETCH



9

Year: 2000

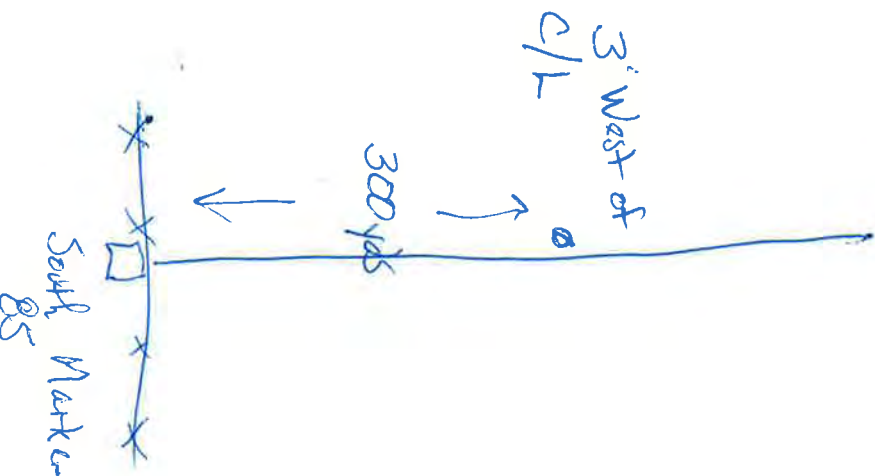
Year: 2000

Unit No.	Transect No.	First Observation			Nest Status			Cover Type										Fate			Remarks (No. & expl. on back)															
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Cry	Dst	Cx	Mof	Wx	Jba		Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	
9	85	6/15	706	BWT	6	X													X									7/13/64	X	6						

LOCATION SKETCH

BWT w/ 6 eggs well
carried from above!

located 25' North of Flag
couldn't find flag just possibly west.



Observer: Brock

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 20

Unit No.	Transect No.	First Observation					Nest Status					Cover Type										Fate														
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx		Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
9	91	6/15	915	BWT	9		X													X								7/14/84		X						

NOTES

7 BWT eggs
2 Mal looking eggs

6/15 BWT 12/9 eggs (2 are Mal?)

16' west of c/L

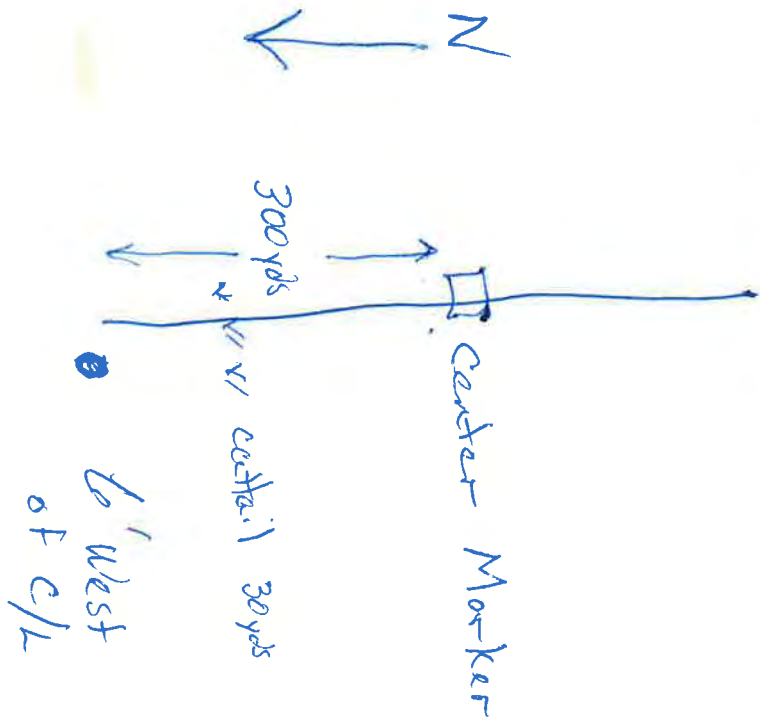
300 yds N of center marker

25' south of flag

Moderate covered from above

Course in Notes

LOCATION SKETCH



70243

Field Form

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

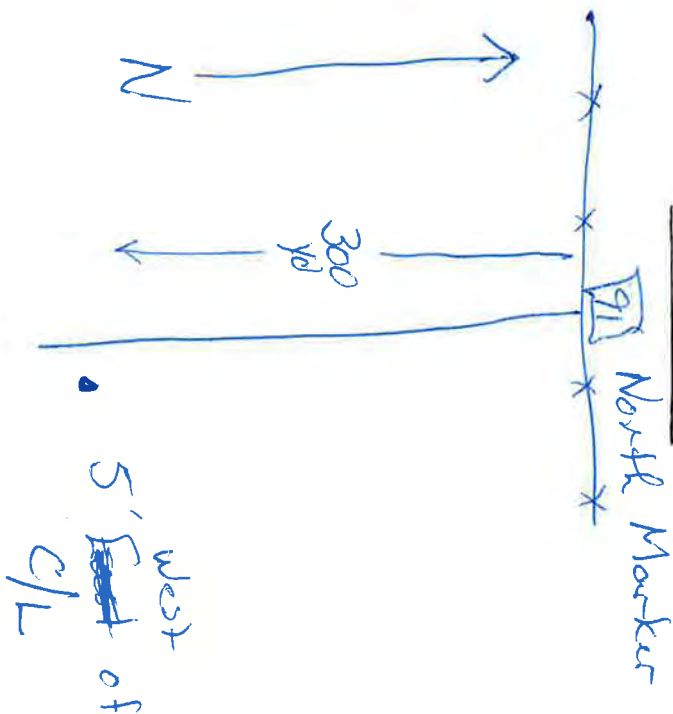
Year: 88

First Observation		Nest Status		Cover Type		Date
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	
91	615	914	Ma1		6	X
					Laying	
					Incub.	
					Covered	
					Desert.	
					Destr.	
					Flooded	
					Unknown	
					Sx	
					Sve	
					Crx	
					Dst	
					Gx	
					Mof	
					Wx	
					Jba	
					Cx	
					Ix	
					Tla	
					Sva	
					Dike	
					Ditch	
					Flooded	
					Date	
					Hatched	
					No. Hatch	
					Desert.	
					Destr.	
					Flooded	
					Unknown	
					Remarks	
					(No. & expl. on back)	

NOTES

6/15 Mallard w/ 6 eggs
Moderate color from above
3' west of c/L
300 yds south of north marker
25' south of flag

LOCATION SKETCH



913

Form D-1

Field Form

Observer:

Breck

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year:

88

Unit No.

9

Unit No.	Transect No.	First Observation			Nest Status													Cover Type										Date				Remarks (No. & expl. on back)					
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Cry	Dst	Gx	Mof	Wx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.		Destr.	Flooded	Unknown		
9	91	6/15/88	913	Mal	6	X														X									7/19/88	X	3						

NOTES

Lefts Mal w/c eggs

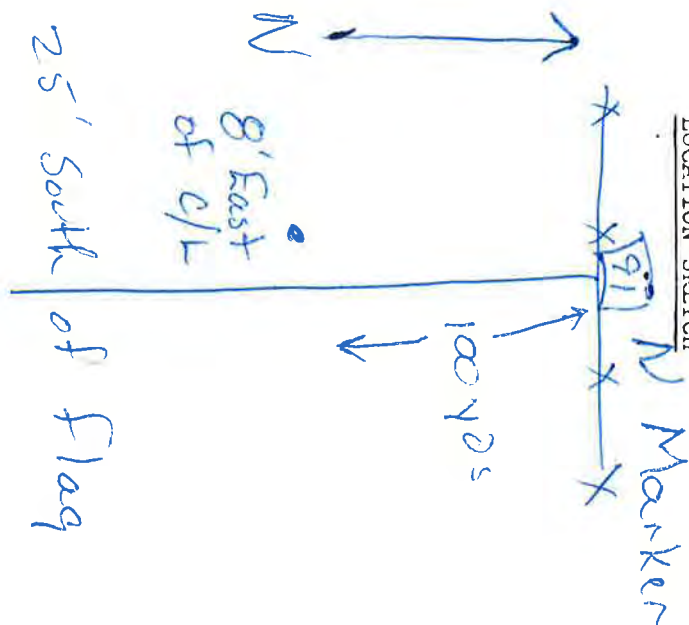
Nest covered from above
lots of visible down

100 yds south of N transect marker

8' East of c/l

25' south of flag

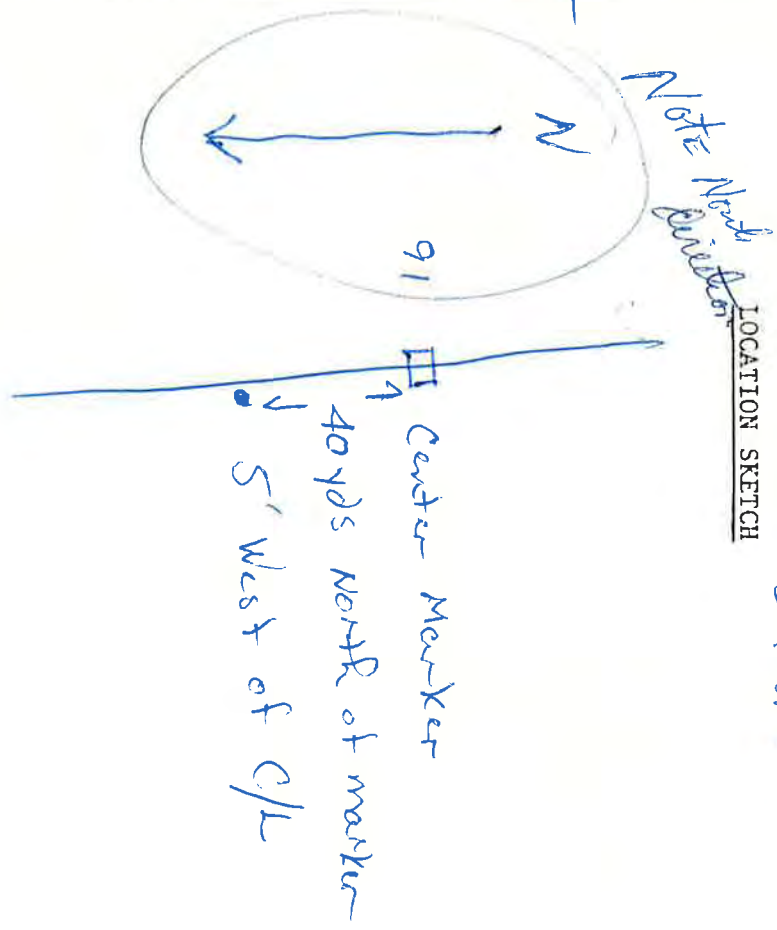
LOCATION SKETCH



Unit No.	Transect No.	First Observation				Nest Status												Cover Type												Fate					
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Cry	Dst	Gx	Mof	Wx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched No.	Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
9	91	6/15/88	916	Mal	3		X													X								7/19/88				X			Stunt

NOTES

6/15 Mal w/ 3 eggs
 No eggs from above
 40 yds N. of center marker
 5' west of C/L
 25' south of flag



27 off pond

Observer: R. Lynch

WATERFOWL PROTECTION SERVICE DUCK & GOOSE NESTING DATA

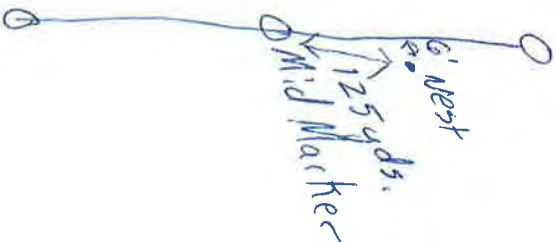
Year: 98

First Observation			Nest Status										Nest Type										Fate													
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	T1a	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
9103	6-17	52		Waterfowl <u>Canada Goose</u>	3	X														X								6-17								

NOTES

No down in nest.
Nest is at the south edge of a patch
of willows 10-15' from centerline, 125
yds. from middle marker
Flag is on centerline 6' west
of nest.

LOCATION SKETCH



NT

Form D-1 – Waterfowl Production Surveys

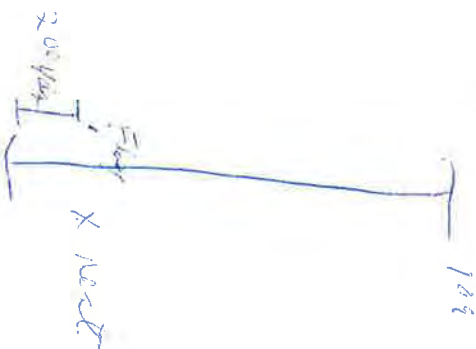
Units 10-17

Year: 1974

[illegible]

LOCATION SKETCH

but don't function w/ it
most and they not feed



2/4

Form I-1

Field Form

Unit No. 10

Observer: C Mueller

WILDLIFE PROTECTION SERVICE BUCK & COOT NETTING DATA

Year: 88

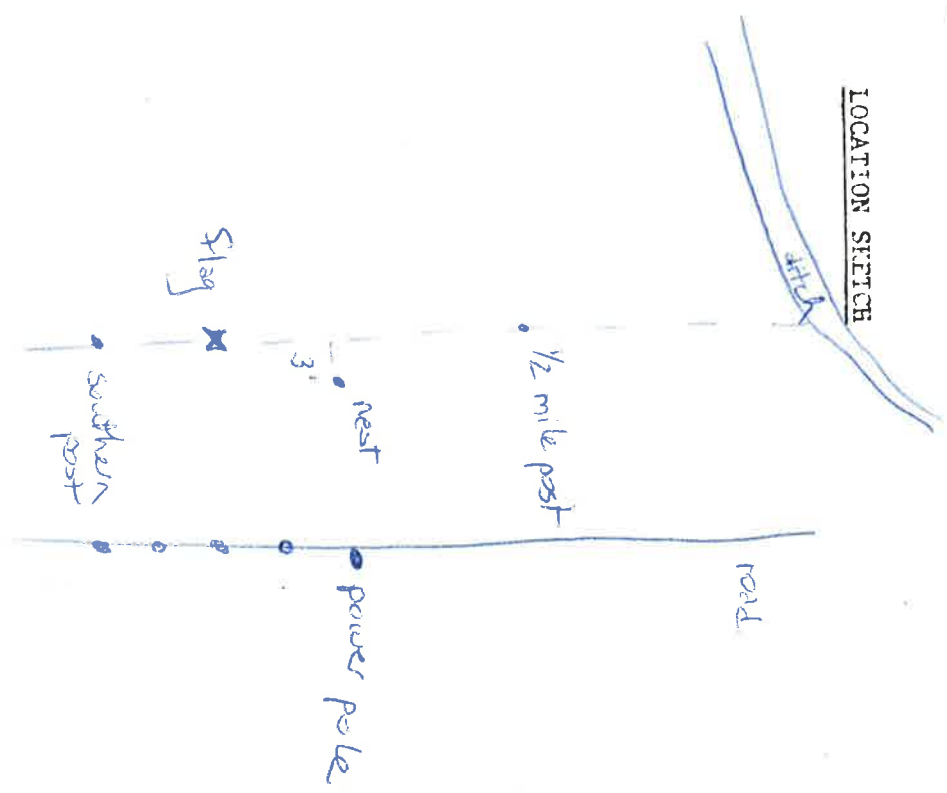
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs Laying	Incomb.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Grx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
10	123	5-19-88	214	Mallard	6	X						X			X											6-16-88	X	4	X					

NOTES

nest 3' east of center line and 1/2 way between south
no small of shif
located under a grassy bush
flag is 5 steps south on the center line

4 eggs appear to have
hatched 11/2 eggs are
remaining in nest
and are cold, appear
deserted.

LOCATION SKETCH



809

Form D-1

Field Form

Unit No. 10

Observer:

Tom Garrett

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year:

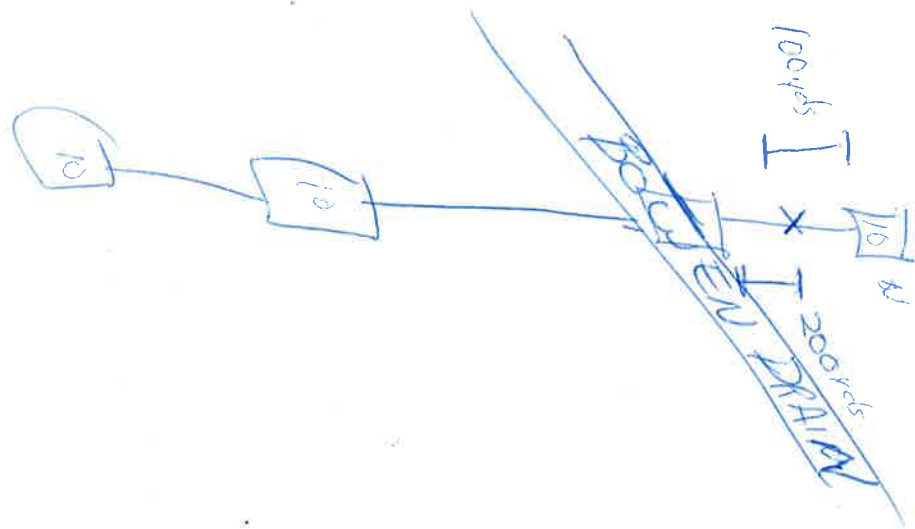
1988

First Observation				Nest Status												Cover Type												Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Sxx	Dst	Gx	Mof	Wx	Jba	Cx	Fx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
10	119	6/15/88	809	(Wdr)	4	✓																						7/19/88							broken

NOTES

Mallard nest is about 200 yds N of the Power drain and about 100 yds south of the D19 border on unit 10.
Flag is (15 Sfts) N of just on Center line

LOCATION SKETCH



37 yds

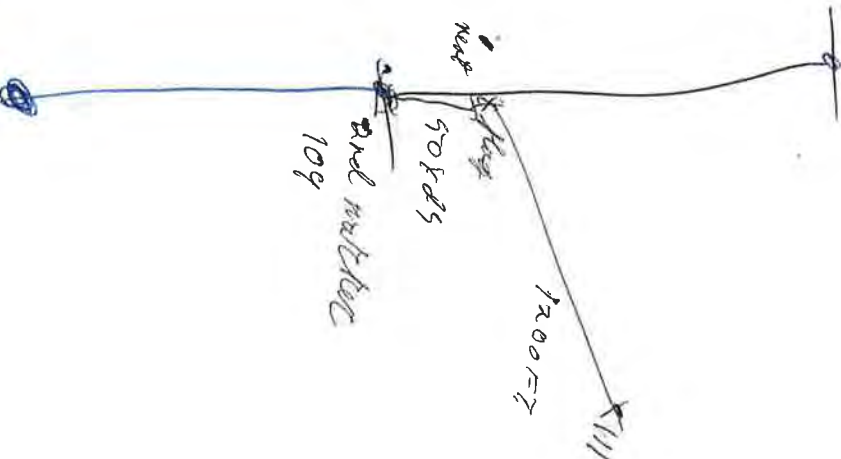
Year: 1988

ID	Unit No.	Transect No.	First Observation			Nest Status			Cover Type								Fate																		
			Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Iba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown
10	109	6-15-85	709	Cra	2	X														X								7/19/88				X			Stewart.

4/20/20

LOCATION SKETCH

used in his attempt to encourage
them to "suffer with me".
After a long meditation



As 12 8.4 4.4

Observer: Todd Levin

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

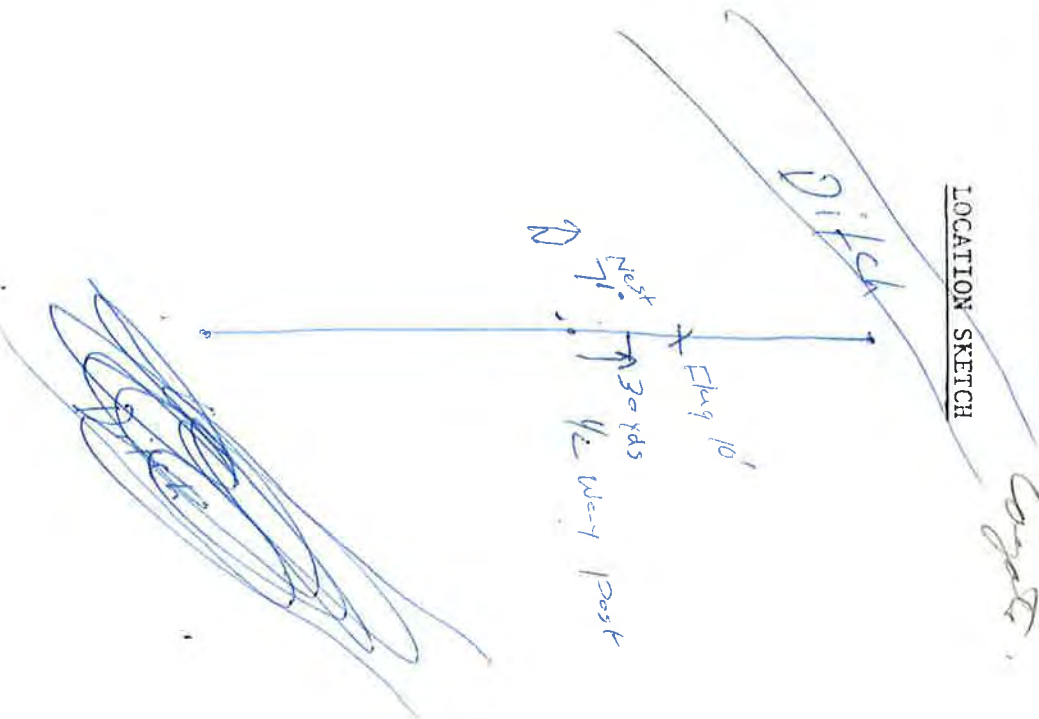
Year: 88

Unit No.	Transect No.	First Observation			Nest Status													Cover Type													Fate								
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched No.	Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)				
10	123	6-16-88	19	Mallard	7	X							X																										

NOTES

- Nest 10' south, 7' west
of flag in grasswood
brush 30 yds North of
center post

LOCATION SKETCH



Year: 88

Unit No.	Transect No.	First Observation					Nest Status					Cover Type										Date						
		Date	Nest No.	Species	No. Eggs	Laying Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Fx		Tja	Sva	Dike	Ditch	Flooded	
10	121	6-16-88	620	1988-1988	1988	*						X															720	7

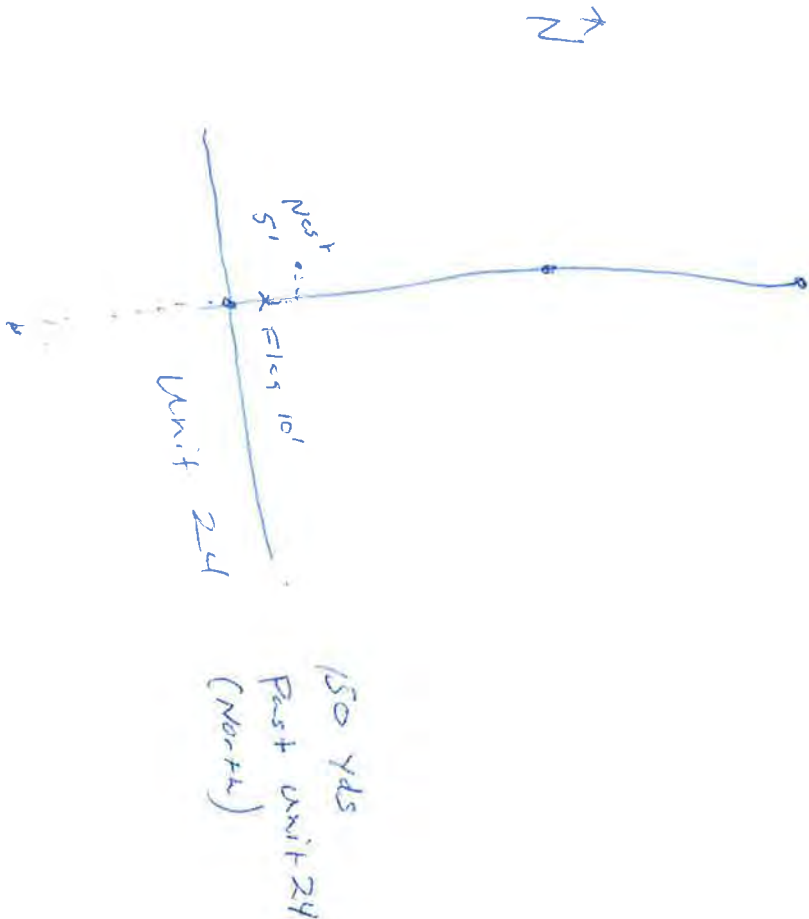
Edward

2 Egg Mackerel

LOCATION SKETCH

- Nest 150 yds ~~from~~ North of unit 24 Post
- Egg 1/2 south of East of nest in grass-covered

Unit 10



Field Form

Unit No. 11

Year: 1988

Red-tailed Tropicbird

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Incub.	Covered	Desert.	Defec.	Flooded	Unknown	Sx	Sve	Crx	Dgt	Gy	Mat	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	No. L.	Defec.	Flooded	Unknown	Remarks (No. & expl. on back)
11	519	8/11/88	11	Mall	7	1																				6/15/88								

(1000)

1088

all Mont

NOTES

Mall 7/11/88 1000

Good bird & good day ground

Nest 8 off transect (west) about 350 yds NW

South boundary line 110 ft long on T-line & airport road

LOCATION SKETCH

Unit 5

Unit 11

11 14

11



Observer: Pen Garcia

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1988

First Observation				Nest Status				Nest Type				Date																							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Inch.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Gx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
45	45	5/16/88	301	W. Grebe 3																								5/16/88							100% like start

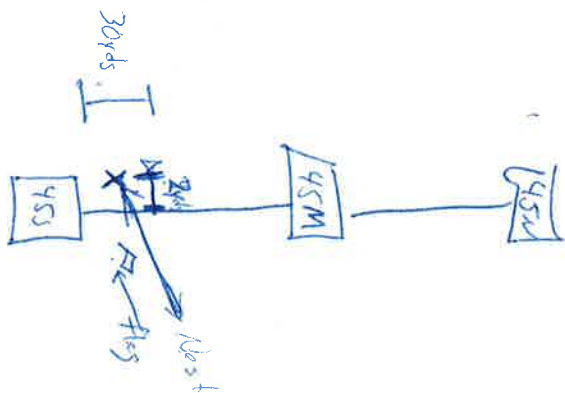
Mullard

NOTES

Nest is about 30 yds North of
 S. water 45 about 2 yds west of
 Cont. line
 Nest has very apt shell fragments
 all around!

It is 10 E. of Nest

LOCATION SKETCH



Field Form

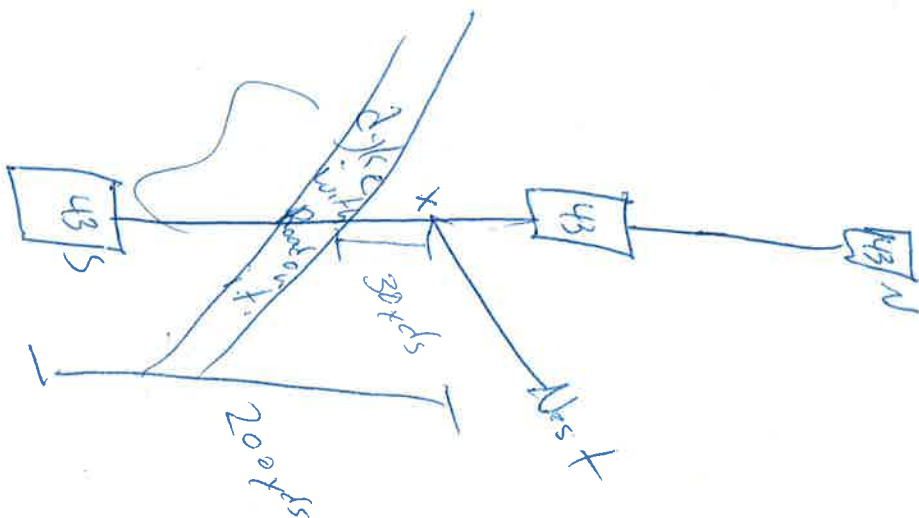
WATERBOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1988

		First Observation		Nest Status		Cover Type								Date																						
	Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
15	43	6/13/88	802	GDV	8		☒														☒								7/14/90	X8						

LOCATION SKETCH

Nest is in Baltic Dush
about 200 yds N of S marker 43
about 30 yds N of diagonal
cylce
Nest is about 1/2 strip west
of c. line
flag is 10' S of Nest on
center line



Year: 1988

704

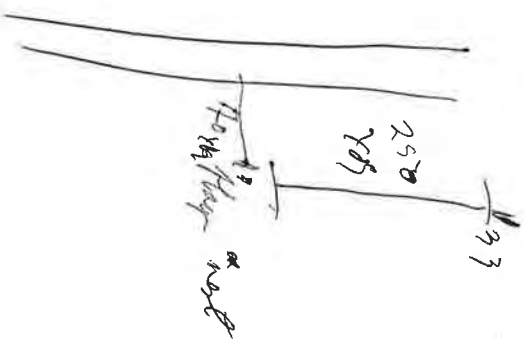
Don Catalla

		First Observation		Nest Status		Cover Type		Fate
Unit No.		Date	Nest No.	No. Eggs	Laying	Sx	Date	
Transsect No.			Species	Incub.	Covered	Sve	Hatched	
				Desert.	Destr.	Crx	No Hatch	
				Flooded	Unknown	Dst	Desert.	
				Sx		Gx	Destr.	
				Sve		Mof	Flooded	
				Crx		Wx	Unknown	
				Dst		Jba	Remarks	
				Gx		Cx	(No. & expl, on back)	
				Mof		Ix		
				Wx		Tla		
				Jba		Sva		
				Cx		Dike		
				Ix		Ditch		
				Tla		Flooded		
				Sva				
				Dike				
				Ditch				
				Flooded				
				Unknown				
				Remarks				
				(No. & expl, on back)				

12. *exactly*
have.

LOCATION SKETCH

nest in wet area
It is still wet
The nest is still in water.
The nest is still in water.
The nest is still in water.



28

Erp

2

6

102

Form D-1

Field Form

Unit No. 14

Observer: Jim Carver

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

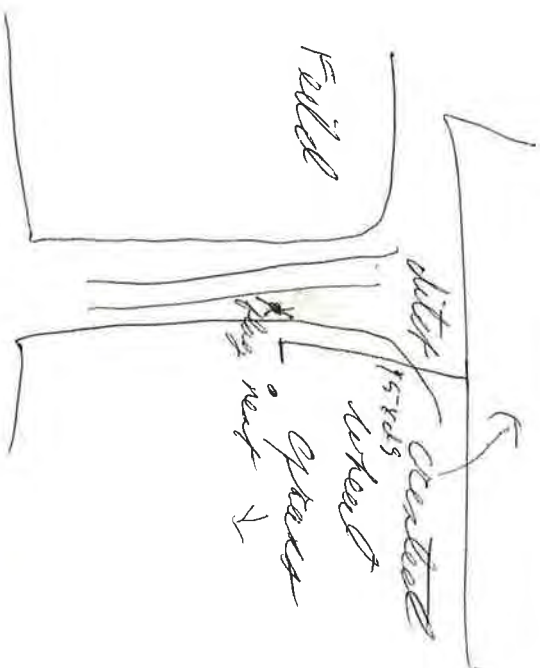
Year: 1988

Unit No.	Transect No.	First Observation				Nest Status												Cover Type												Fate						
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Cry	Dst	Gx	Mof	Wx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
94	25	6-17-88	79	WLA	4	X																						7/19/88	X	3						

NOTES

Nest in field of stacked wheat, 15 yds. west of nest, eggs are dried, 1 egg remaining.

LOCATION SKETCH



WLA
4
31

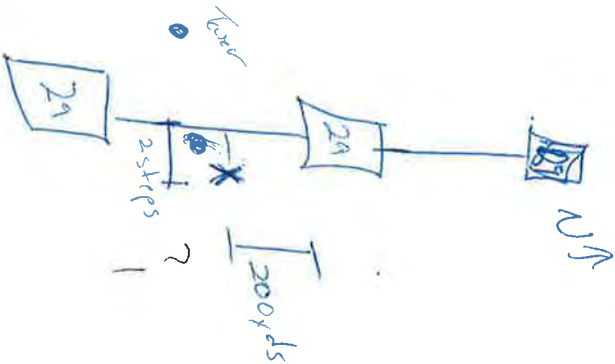
1998

	Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dat	Gx	Hof	Wx	Jha	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
14 29 6/13/88	801	Biot	3	✓	✓												✓										6/13/88							AVIAN	

LOCATION SKETCH

(There was no real first
a crude bowl of the grass
we cover over it.)

Operation looks like that of a
Just was in incubator ~~down~~ stage
when predicted



302

Form B-1

Field Form

Unit No. 16

Observer: R. G. C.

WATERFOWL PROTECTION SCREEN DATA & COOT NESTING DATA

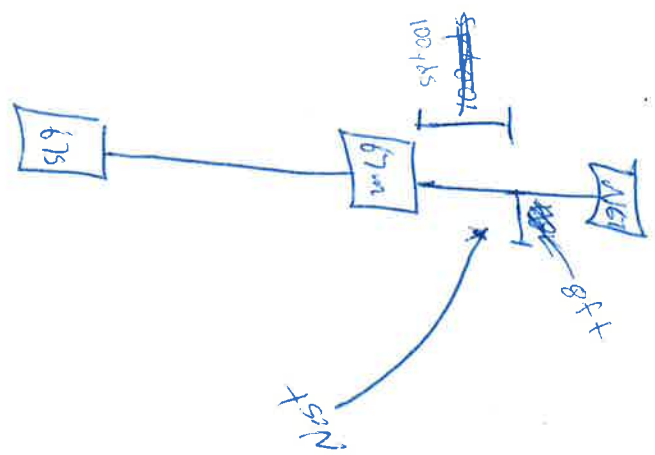
Year: 1988

Nest Observation			Nest Status		Nest Type														Face		Remarks (No. & expl. on back)																
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba		Cx	Ex	T1a	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown		
16	67	5-11-80	302	(ma)	9																																

NOTES

Nest is full of down w/ 9 eggs
 Nest is about 8 ft East of Centerline
 about 100 yds. N of middle marker on
 unit 16.
 Flag is 10' west of Nest.
 6/14/88 all eggs in bowl lost success!
 except there is one egg that remained
 unhatched!

LOCATION SKETCH



[Handwritten signature]

Observer: Jan C. McNeill

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

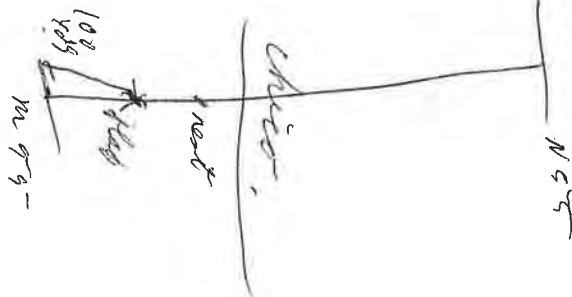
Year: 1983

Unit No.	Transect No.	First Observation			Nest Status										Cover Type										Fate										
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
16	5	6-14-86	704	124	7	X											X											7/14/86						X	Stunt

NOTES

nest in big dense spruce cover
 pred. by. 4-14-86 10:00 AM
 1 egg has been provided.
 egg is shown to duck incubation.

LOCATION SKETCH



$$\frac{18}{7.2} = 2.5$$

15 7.2

Observer: Don Castella WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1988

Unit No.	Transect No.	First Observation			Nest Status													Cover Type													Fate					Remarks (No. & expl. on back)
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown		
16	65	6-14-88	11	MA	7								X				X											6-14-88	X	7						

NOTES

nest in 6' spruce forest
2 eggs hatched others in plastic

LOCATION SKETCH



FORM D-1

WATERBOLT PRODUCTION SURVEY DICK & GOOT NESTING DATA

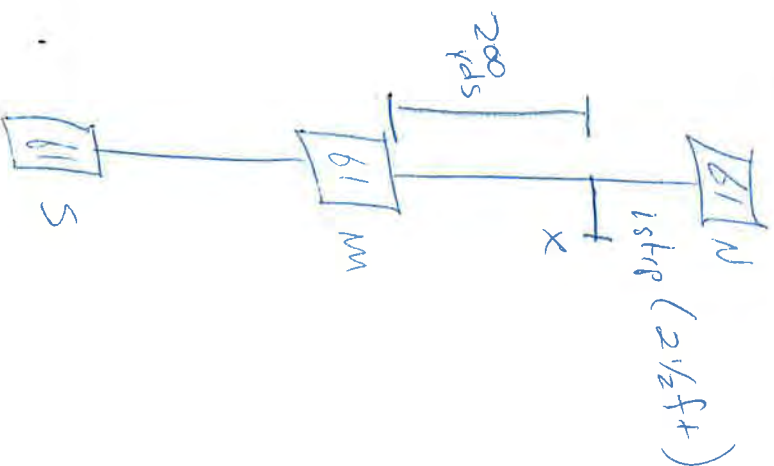
Year: 1988

		First Observation		Nest Status		Cover Type		Fate
Unit No.		Date	Nest No.	No. Eggs	Laying	Incub.	Covered	
Transect No.							Desert.	
							Destr.	
							Flooded	
							Unknown	
							Sx	
							Sve	
							Crx	
							Dst	
							Gx	
							Mof	
							Wx	
							Jba	
							Cx	
							Ix	
							Tla	
							Svn	
							Dike	
							Ditch	
							Flooded	
							Date	
							Hatched	
							No. Hatch	
							Desert.	
							Destr.	
							Flooded	
							Unknown	
Remarks (No. & expl. on back)								

NOTES

Nest is about 200 yds N. of
 Middle water tl and about
 25-30yd East of dyke (windroad)
 Nest is about 1 step east of
 the center line
 Flag is 10 steps N. and 1 step
 east of flag

LOCATION SKETCH



Observed: *X*

WATERBURY PRODUCTION SURVEY DICK & COOT NESTING DATA

Y. C. 22.

1988

Unit No.	Transect No.	First Observation			Nest Status			Cover Type												Fate															
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
1661	6/14/88	807	MA	7																								7/18/88	x2						

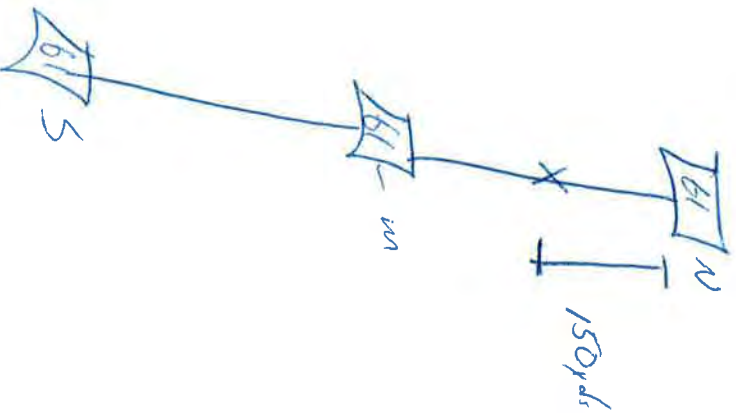
NOTES

Post is on centerline further grassed
about 150 yds S. of Marker #1

* There is no evidence of post being dropped
on egg except that the small
is very strong!

There is 10 step b. at last

LOCATION SKETCH



Year: 1988

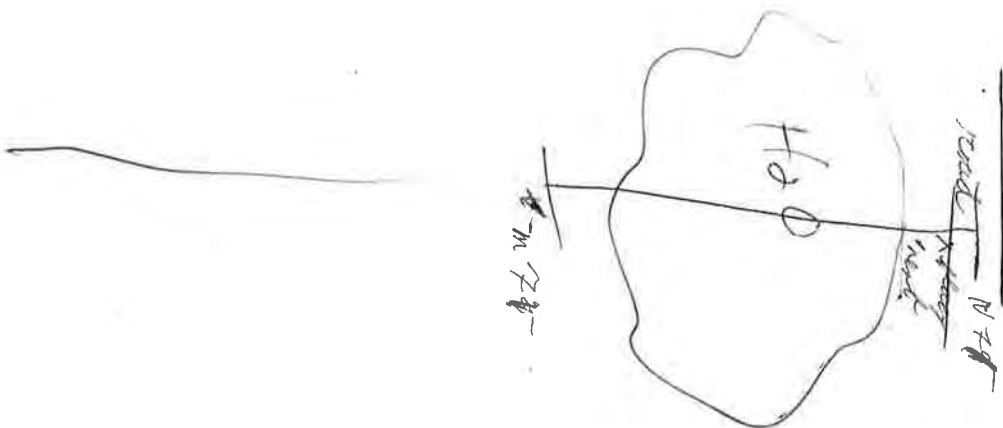
705

First Observation		Nest Status		Cover Type		Fate
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	
					Laying	
					Incub.	
					Covered	
					Desert.	
					Destr.	
					Flooded	
					Unknown	
					Sx	
					Sve	
					Crx	
					Dst	
					Gx	
					Mof	
					Wx	
					Jba	
					Cx	
					I'x	
					Tla	
					Sva	
					Dike	
					Ditch	
					Flooded	
					Date	
					Hatched	
					No. Hatch	
					Desert.	
					Destr.	
					Flooded	
					Unknown	
					Remarks	
					(No. & expl. on back)	

NOTES

nest in over water in hole made
plank in 4 cups - 11 inch of nest
no movement in nest. Dead ~~contaminated~~?

LOCATION SKETCH



808

Form D-1

Field Form

Observer: F. Garcia

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1988

Unit No. 16

First Observation			Nest Status										Cover Type										Fate												
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Dest r.	Flooded	Unknown	Sx	Sve	Cry	Dst	Gx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Dest r.	Flooded	Unknown	Remarks (No. & expl. on back)
16	69	6/14/88	808	(ma)	8	14																						4/18/88, X171							

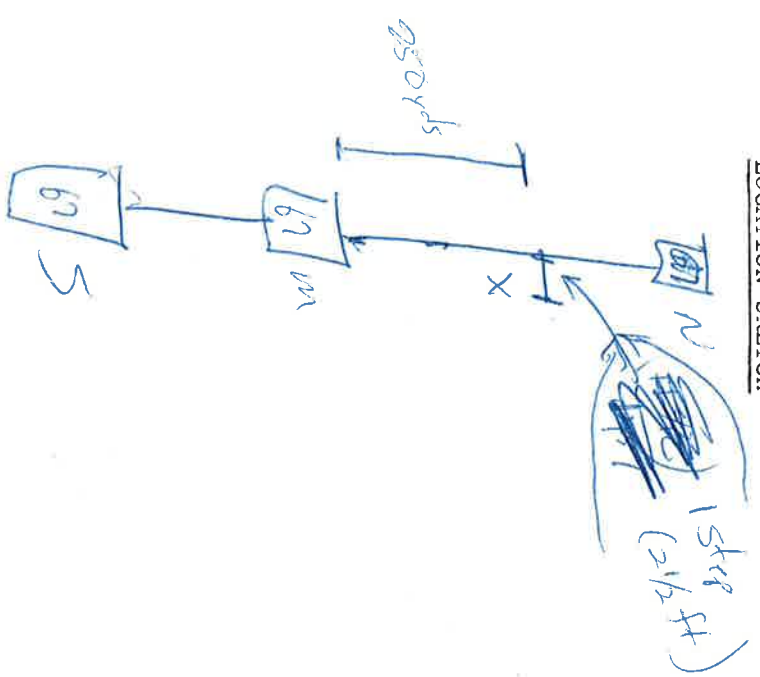
NOTES

Nest is about 1 step (24ft) E of center line and about 250 yds North of Middle water 67 in Pacific Road Bit Near the north end of the belt.

Flag is 108ft N of Nest on center line and 1 step west.

Sketch area surrounding predator.

LOCATION SKETCH



304

Form F-1

Field Form

Unit No. 17

Observer: Don Garcia WATERFOWL PROTECTION SURVEY DUCK & GOOSE NESTING DATA

Year: 1988

First Observation			Nest Status								Nest Type										Fate														
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
17	79	5-17-88	306	Shbr	10			☒													☒							6/14/88	☒	40					

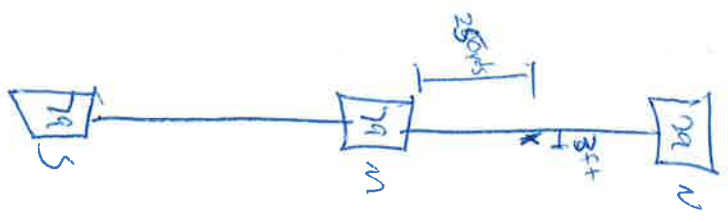
NOTES

Nest has 10 eggs is about 3 ft east of center line and about 250 yds N of middle marker 79 in with 19

Flag is 10 ft West of Nest

* Still 3 membranes found, membranes separated from shells

LOCATION SKETCH



Collected 1951 WINTERBORN PRODUCTION SURVEY TRICK & COOT NESTING DATA

Year: 1951

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Not	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
17	75	5-14-51	163	WIL	2	1																					6-14-51								

NOTES

Nest covered w/ glass

LOCATION SKETCH



307

Form I-1

Field Form

Unit No. 17

Observer: Ron G.

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1988

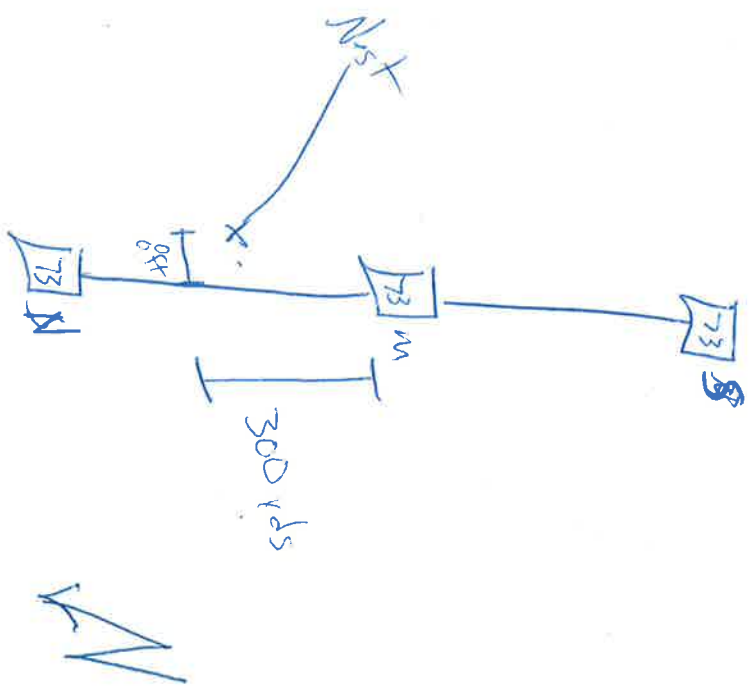
First Observation			Nest Status										Nest Type										Date					Remarks (No. & expl. on back)								
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded		Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	
17	73	5-18-88	307	shulr	10																							6/14/88								

NOTES

Nest has 10 eggs is about 300 yds North of Middle Water 73 and about 25-50 yds south of cattails flag is 10 ft east of Nest.
Nest is about 8 ft East of Center line

* Measurements found Separable from shells

LOCATION SKETCH



Unit No. 11

Field Form

Form D-1

Observer: Ben Cantor

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

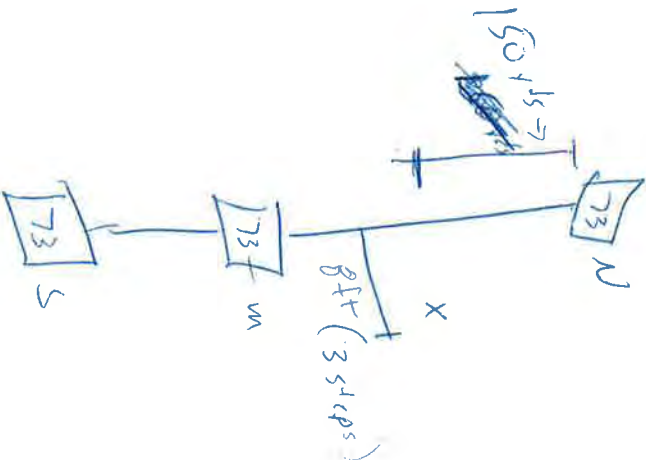
Year: 1988

Unit No.	Transect No.	First Observation			Nest Status										Cover Type										Fate				Remarks (No. & expl. on back)								
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	lba	Cx	fx	Tla	Sva	Dike	Ditch	Flooded	Date		Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown		
11	73	6/14/88	801	Shul	9	✓																	✓						7/14/88	X	9						

NOTES

Nest is about 150 yds S. of N. marker
73, and about 3 steps (8ft E. of C. line)
flag is on C. line in Cattails.

LOCATION SKETCH



Year: 1988

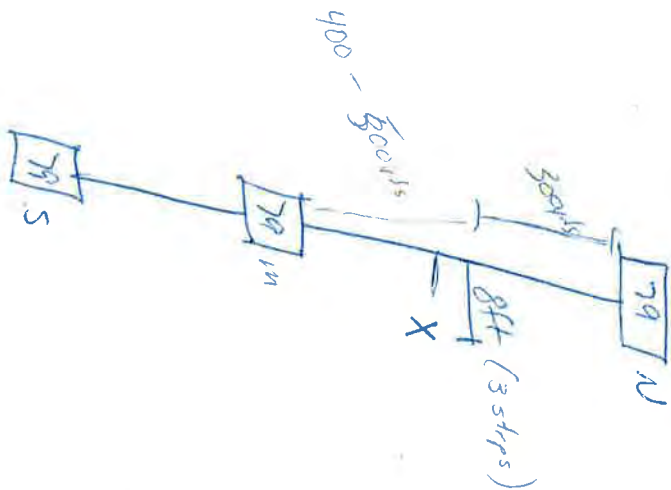
F. Garcia

Unit No.		First Observation				Nest Status				Cover Type												Fate													
Transect No.		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	lba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
17	79	6/14/88	805	Adul	5	✓														✓								7/19/96				X		5 Skunk	

LOCATION SKETCH

Nest is about midway or close to it between W79 & W8199

Flag is on center line about 10ft
3 steps past it



2269

Observer: Jane Carroll

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

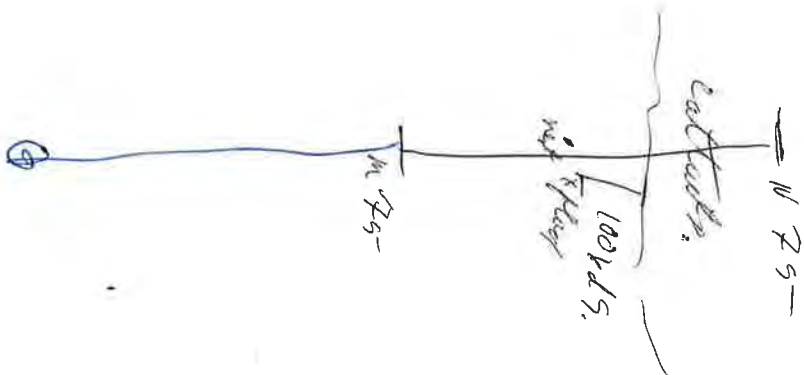
Year: 1988

Unit No.		Transect No.		First Observation		Nest Status										Cover Type										Fate		Remarks (No. & expl. on back)							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date		Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	
17	17	6-14-88	173	ME	1	X													X								7/14/88	X	1						

NOTES

Nest is in small patch of ~~low~~
 flat dry silt on edge of nest, eggs
 shown - it change in water.

LOCATION SKETCH



Age 24
 Sex 9

Observer: Jim Carrella

WATERFOWL PRODUCTION SURVEY DECK & COOT NESTING DATA

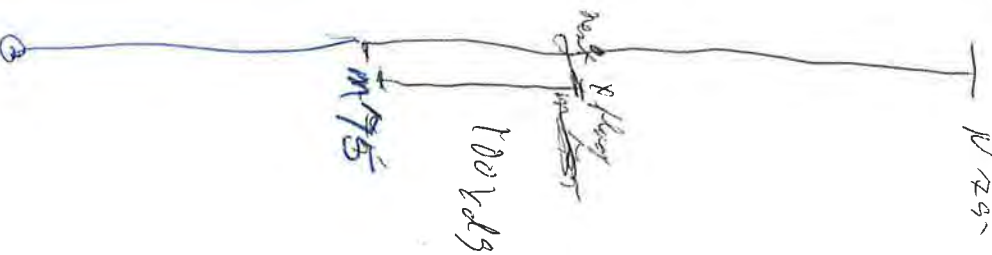
Year: 1988

Unit No.		Transsect No.		First Observation			Nest Status										Cover Type										Fate			Remarks (No. & expl. on back)						
Unit No.	Transsect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Cx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched		No. Hatch	Desert.	Destr.	Flooded	Unknown	
17	95	6-11-88	121	WA	7	2												X											7/18/88	X	X					

NOTES

Area in ~~the~~ small patch of grass. Many
 12 in. deep sand of nest. Eggs alone
 21 days incubation.

LOCATION SKETCH



28
 28
 28

705

Form D-1

Field Form

Unit No. 17

Observer: Jan Cunniff

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1988

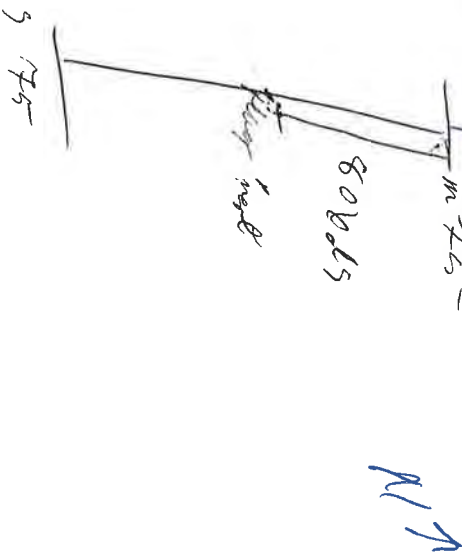
First Observation				Nest Status										Cover Type										Fate											
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Cx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
17	75	6-14-88	705	MA	17													X										7/18/88					X		Struck

21 days old

NOTES

Nest is 1st year nest still
well covered. Duck is 4 days old
at nest eggs about 21 days
incubation.

LOCATION SKETCH



88
28

Err
2.5

Observer:

Jim Catella

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: *1988*

Unit no.

17

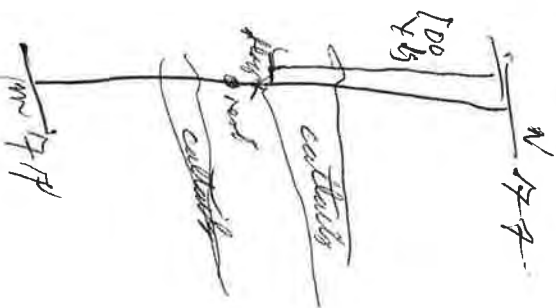
First Observation				Nest Status										Cover Type										Fate												
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dat	Cx	Mof	Wx	Alba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
<i>17</i>	<i>179</i>	<i>6-14-88</i>	<i>100</i>	<i>AWT</i>	<i>9</i>		<i>X</i>										<i>X</i>											<i>4/24/88</i>	<i>X</i>	<i>9</i>						

*19 days
NW*

NOTES

nest is in wet areas surrounded by cattails. 1st of nest on ground. 2nd nest on ground. 3rd nest on ground. 4th nest on ground.

LOCATION SKETCH

*Ag
28**-166**(5)**Q 577*

Form D-1 – Waterfowl Production Surveys

Units 18-26

406

Form I-1

Field Form

Unit No. 18

Observer

Brook

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year:

88

First Observation			Nest Status										Nest Fate										Remarks												
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Grx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	(No. & expl. on back)
18	101	5/16	466	Mal	8		X													X								6/14	X	8					

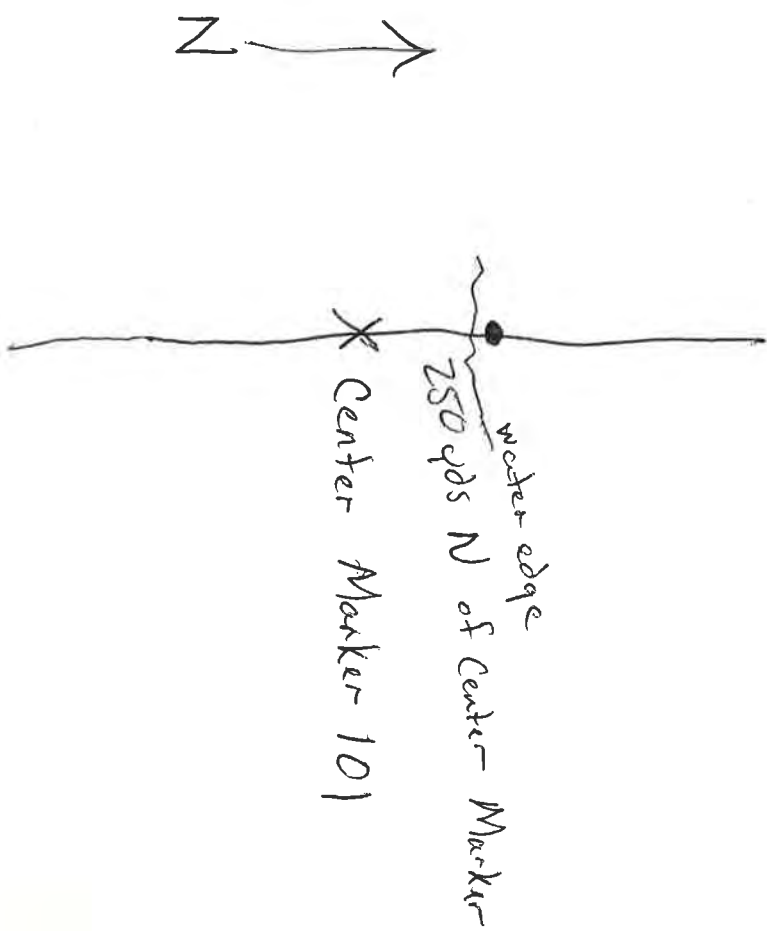
NOTES

5/16 Mallard w/ 8 eggs - not well covered
 5 ft. West of transect C/T
 12 ft West of flag

lots of down

6/14 Hatched

LOCATION SKETCH



100

Year:

	Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Inchub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
1899	5/10/68	AOS	Mallard	8	V	X																							6/14	X	8						

LOCATION SKETCH

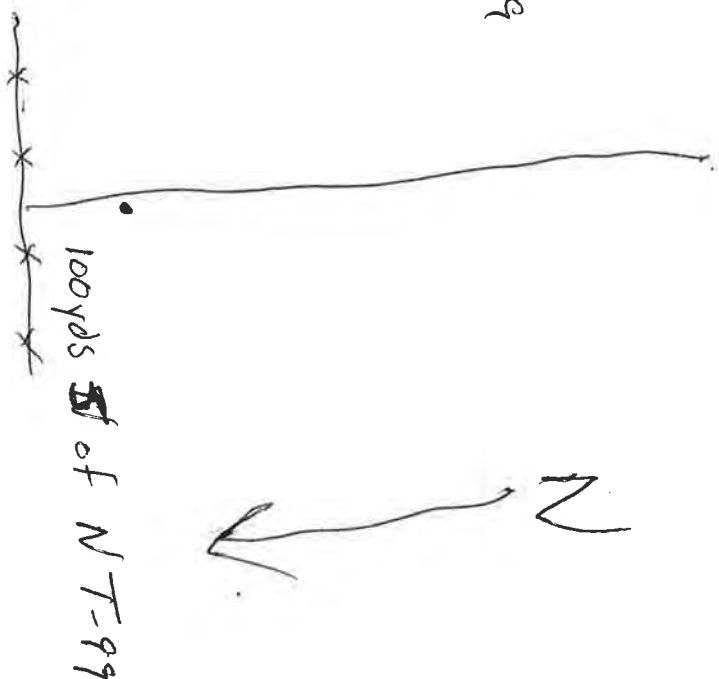
NOTES
5/16 Mallard w/ 8 eggs well covered
from above lots of down

12' West of Flag

3' West of transect C/L

100 yds South of North marker T-99

Leila Fátima



A04

Form D-1

Field Form

Unit No. 18

Observer

Brock

WATERFOWL PRODUCTION SURVEY DUCK & GOOSE NESTING DATA

Year:

808

First Observation				Nest Status										Nest Fate										Remarks												
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dat	Gx	Nof	Wx	Jba	Cx	Ex	Fla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	(No. & expl. on back)	
18	95	5/16	A04	Mallard	9		✓														✓							6/14								Attacked Raven

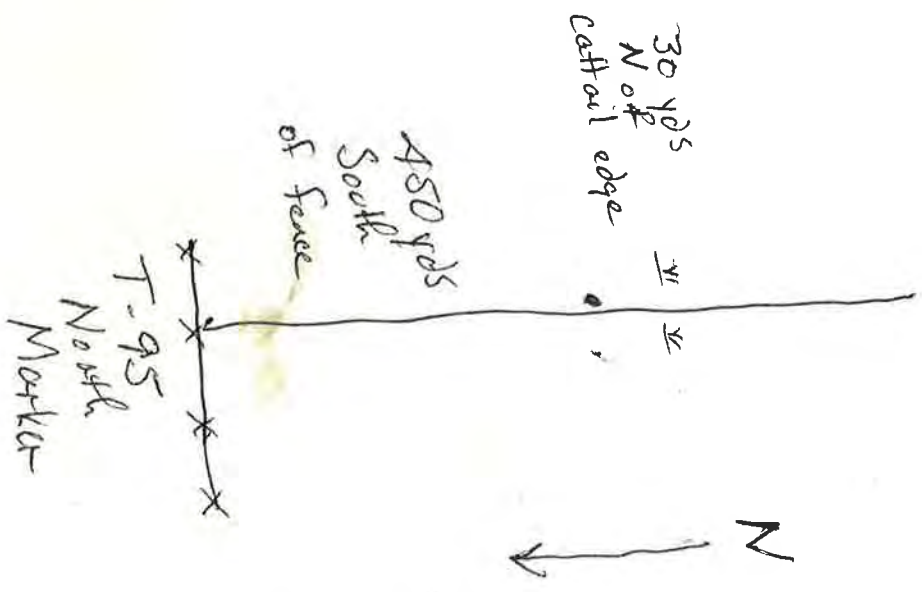
little
about

NOTES

5/16 Mallard w/ 9 eggs well covered from above lots of down

3 feet east transect 9/1
450 yds south of north T-95 marker
30 yds north of cattail edge
16 feet east of flag

LOCATION SKETCH



6/14 Most of eggs missing the remaining are pretty well smashed up
No membranes
Predator - (Raven or ~~skunk~~)?
Some egg shells found within 10' of nest

Observer Brock

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 88

First Observation				Nest Status				Cover Type												Fate																
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
18	91	5/16	403	Mal	7	X																						6/14								Common

NOTES

5/16 7 mallard eggs

450 yds south of North T-91 marker

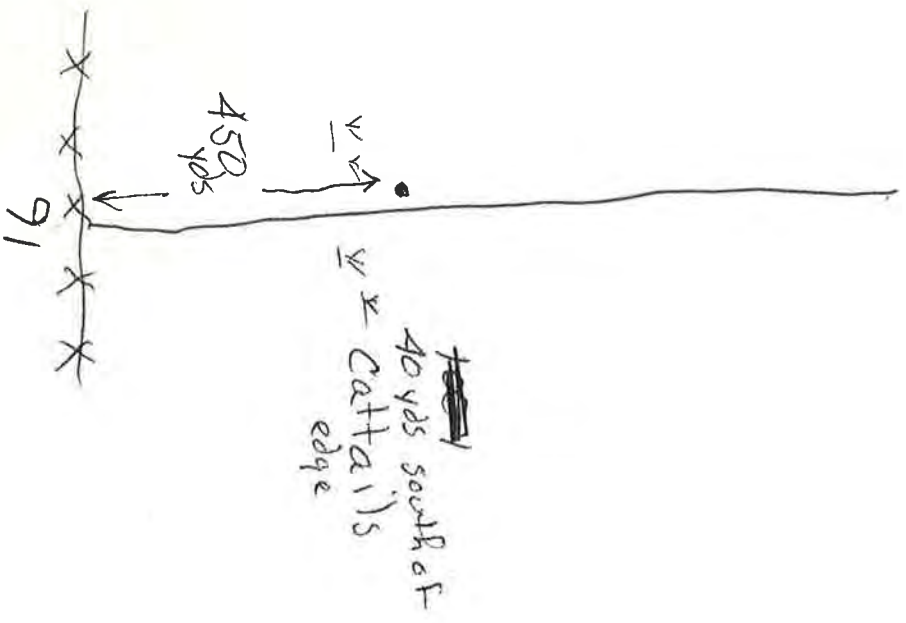
40 yds south of north cattail edge in cattails (red ribbon + yellow flag)

well covered from above
10' east of yellow flag

6/14 All eggs broken into from
end of egg. Shells laying
within 1" of nest -
Common?

Common tracks seen in Unit 18
commonly

LOCATION SKETCH



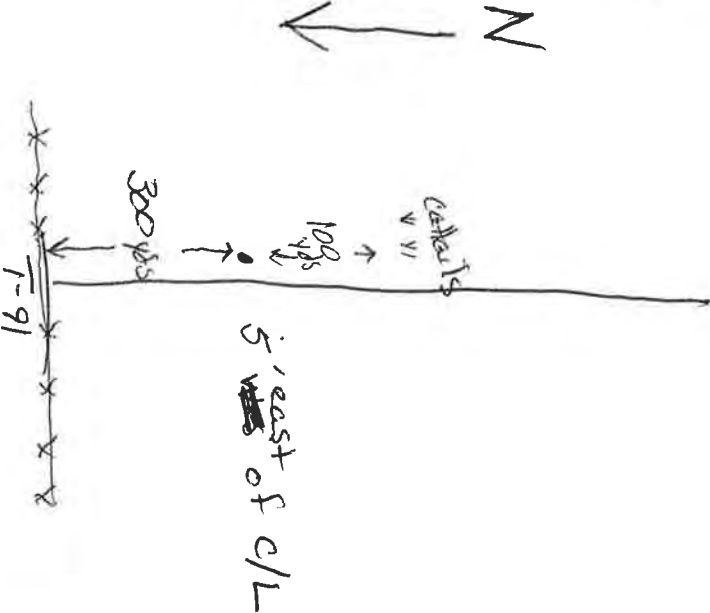
44

	Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Hof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
1891			5/16	407	Mai	2		✓														✓							6/14	X	7					

NOTES

S/116 Mallard nest 5' east of C/L
300 p.south of N T-91 marker
10' east of flag
2 eggs semi-colored from above
lots of down.

LOCATION SKETCH



901

Form F-1

Field Form

Unit No. 18

18

Observer: Brock

WATERFOWL PROTECTION SURVEY DRCK & COOT NETTING DATA

Year: 88

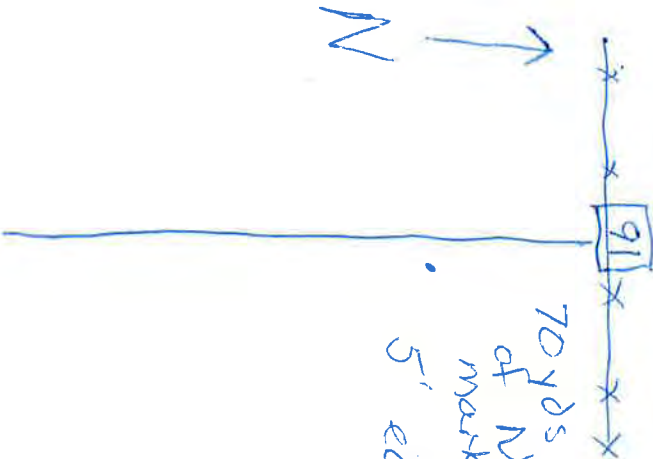
First Observation		Nest Status										Cover Type										Date		Remarks (No. & expl. on back)												
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla		Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	
18	91	6/14	901	BWT	8		X													X								7/20								

NOTES

6/14 BWT w/ 8 eggs not well covered

70 yds south of North transect
marker - 5' East of CL
20' south of yellow flag

LOCATION SKETCH

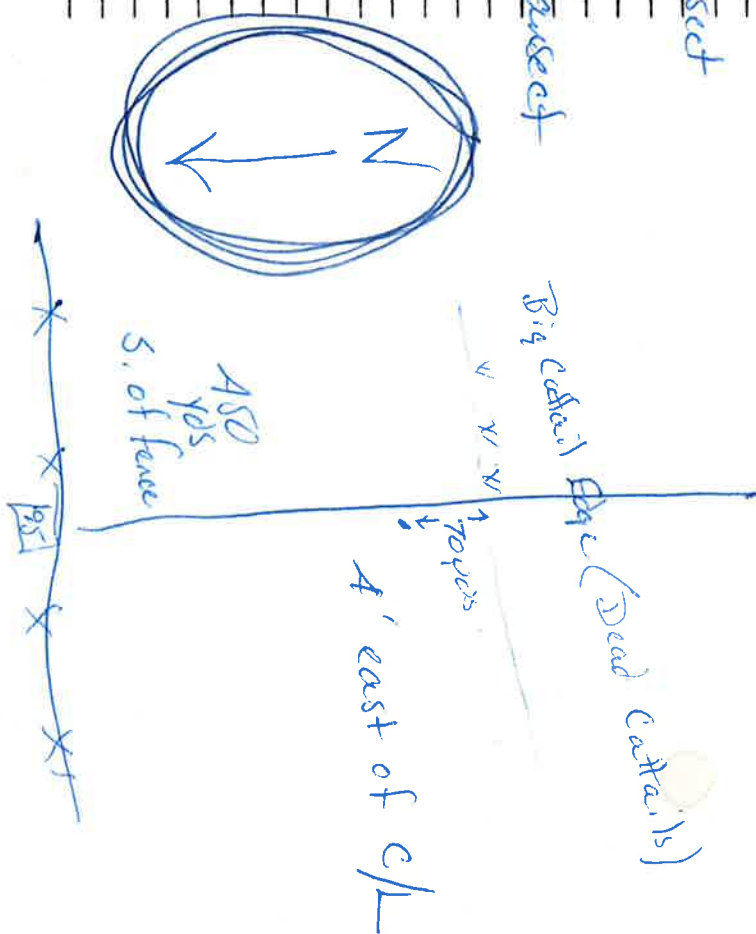
70 yds south
of N. transect
marker
5' east of Tran/line

[illegible]

LOCATION SKETCH

450 yds south of N transect

20' North of Flag
4' east of ctr of traverse



903

Unit No. 18

Field Form

Form D-1

Observer: Brox

WATERFOWL PROTECTION SURVEY DUCK & COOT NESTING DATA

Year: 88

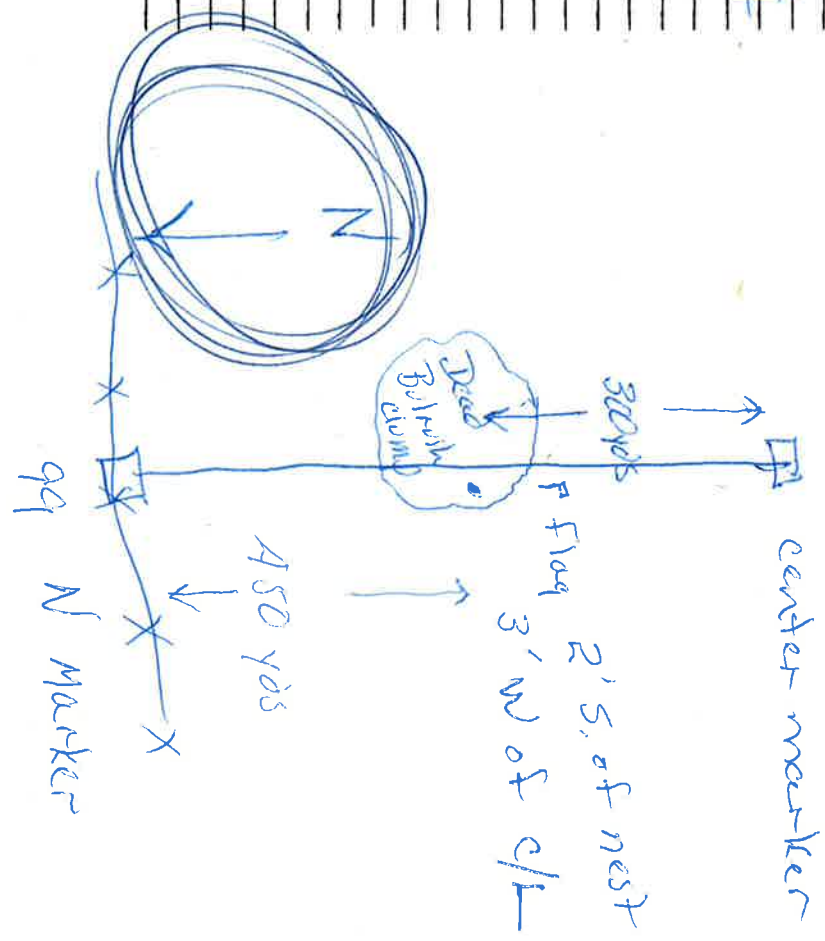
First Observation				Nest Status										Nest Type										Date				Remarks (No. & expl. on back)								
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded		Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	
1899	6/14	903	Mal	7	X																							7/20	7							

all hatched

NOTES

6/14 Nest w/ 7 eggs
Nest in heavy dead brush
located 20' ~~SE~~ NW of
yellow flag.

LOCATION SKETCH



309

Form D-1

Field Form

Redeet

Unit No. 20

Observer: Ron

WILDFOWL PROTECTION SURVEY DATA & COOT NESTING DATA

Year: 1988

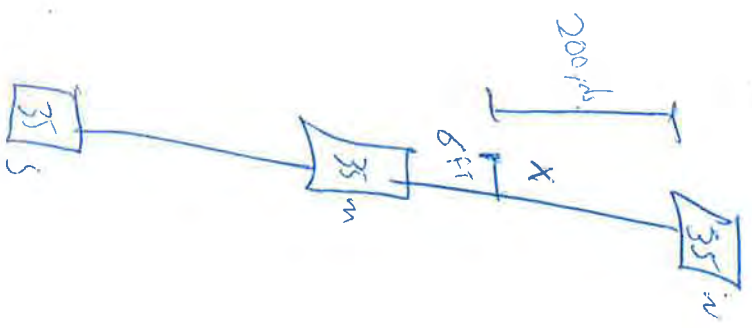
First Observation		Nest Status										Nest Type										Fate														
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
20	35	5-19-88	309	Mia?	1				☒					☒		☒												5-19-88							1.	

NOTES

Nest looks just described it is about 200 yds S of N marker 35 in unit 20 there's cows around and foot sign all around the area of the nest

Flag is 10' East Nest is about 6' West of Center line

LOCATION SKETCH



5/19 1X Shrub

u

WATERFOWL PRODUCTION SURVEY DUCK & GOOSE NESTING DATA

Year:

UNIT NO.

20

Rechnung

First Observation			Nest Status	Nest Type	Date
20	Unit No.				
21	Transect No.				
6-16	Date				
52	Nest No.				
Galkn	Species				
2	No. Eggs				
	Laying				
	Incub.				
	Covered				
	Desert.				
X	Destr.				
	Flooded				
	Unknown				
	Sx				
	Sve				
	Crx				
	Dst				
	Gx				
	Nof				
	Wx				
X	Jba				
X	Cx				
	Ex				
	Tla				
	Sva				
	Dike				
	Ditch				
	Flooded				
5/15/88	Date				
	Hatched				
	No. Hatch.				
	Desert.				
X	Destr.				
	Flooded				
	Unknown				
Stewart	Remarks (No. & expl. on back)				

NOTES

Prepared by Shuk

LOCATION SKETCH

June 20

311

Form D-1

Field Form

Recheck

Unit No. 21

Observer:

For G.

WATERFOWL PROTECTION SURVEY DRON & COOT NEETING DATA

Year:

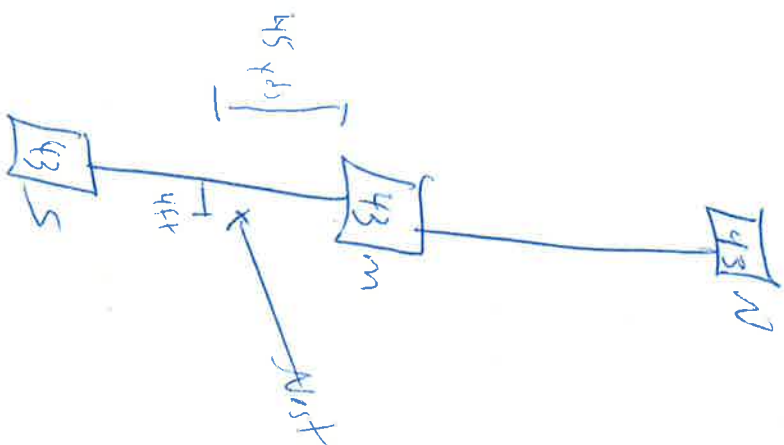
1988

First Observation				Nest Status										Nest Type										Date												
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
21	43	5-19-88	311	Ma	7							☒																6/16/88								

NOTES

Nest is about 45 yds south of middle marker 43 and about 4 ft east of centerline. Flag is 10' North of Nest on centerline. 6/16/88 Flag was found but there was no sign of the nest anywhere.

LOCATION SKETCH



Recheck

Unit No. 21

Form 1-1

Site: *Curryville*

WILDFOWL PRODUCTION SURVEY CHECK & COOT-NETTING DATA

Year: *1988*

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jbn	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
<i>302</i>	<i>37</i>	<i>5-19-88</i>	<i>109</i>	<i>MT</i>	<i>3</i>	<i>1</i>							<i>X</i>				<i>#</i>										<i>7/18</i>							<i>1.</i>	

NOTES

Nest is 5 ft from flag it is 300 ft or flag

LOCATION SKETCH



Form 1-1

Field Form

Unit No. 21

Observer: *John C. Cuthrell* WILSON'S PROTECTION SOCIETY BIRD & COOT NESTING DATA

Year: 1998

Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Nof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
21	39	5-14-98	110	MN	67									X													6-17	X	6						

NOTES

Nest 5' south of building and is hidden in the grass.

LOCATION SKETCH



531

Form D-1

Field Form

Unit No. 22

Observer: John Schumacher WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1988

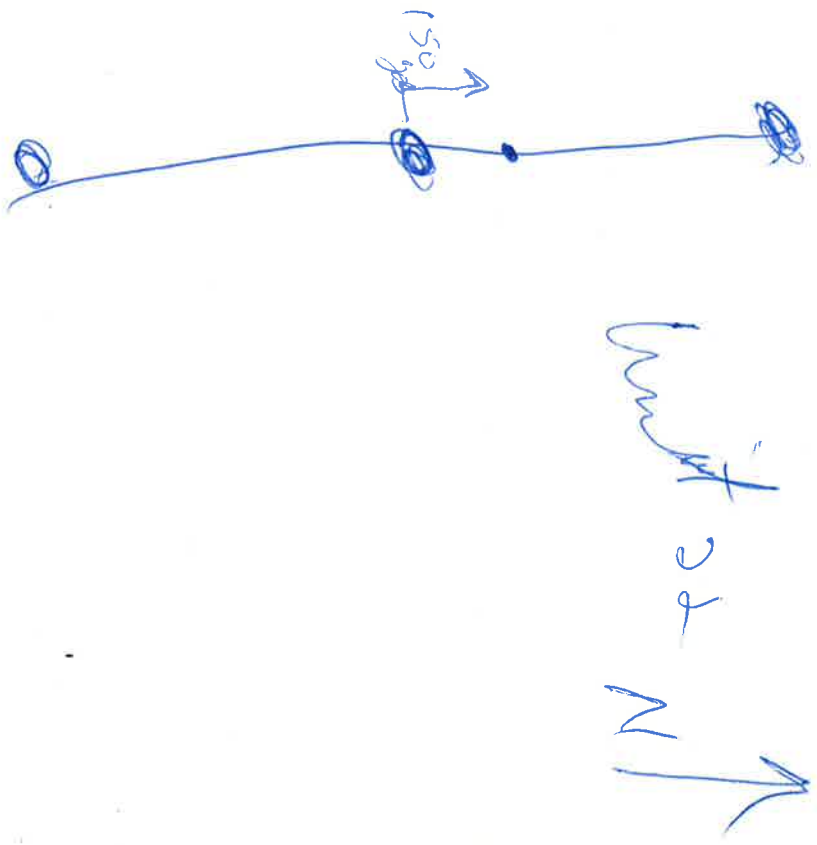
Unit No.	Transect No.	First Observation				Nest Status												Cover Type												Fate				Remarks (No. & expl. on back)				
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	lba	Cx	lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded		Unknown			
2209	616	88	531	Shoveln	7	☒																							7/20/88									

all hatched

NOTES

Set on eggs *Anas platyrhynchos*
 T-veg 8 steps N of road.
 1 ft west of road

LOCATION SKETCH

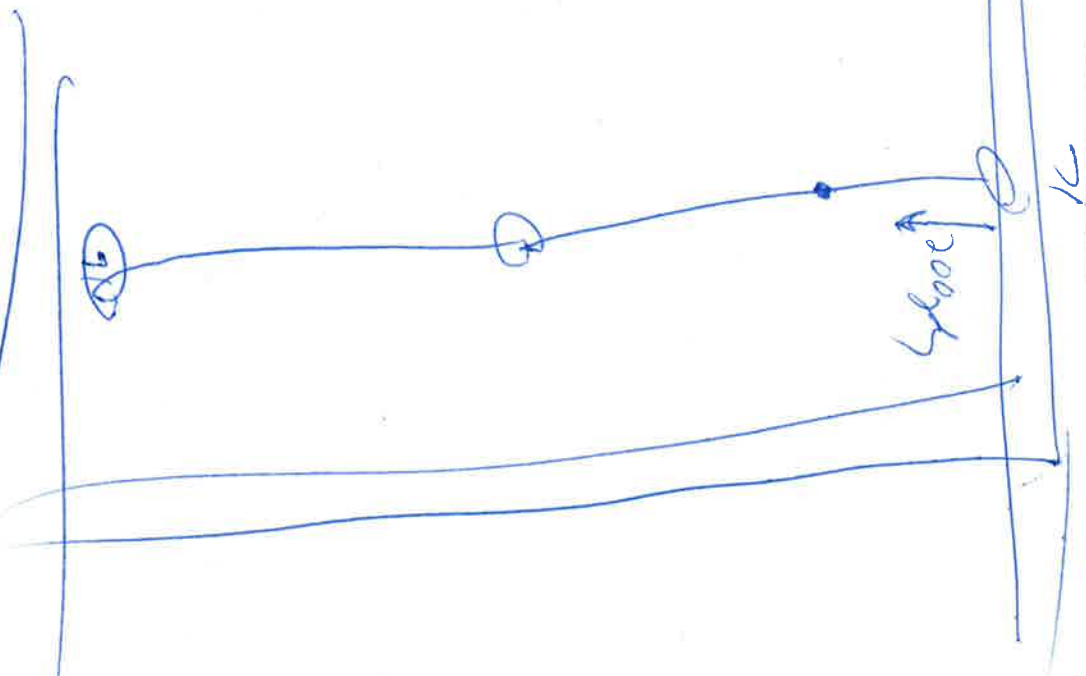


1981

Shank

LOCATION SKETCH

760-759



10.8

Observer: Todd Levin

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

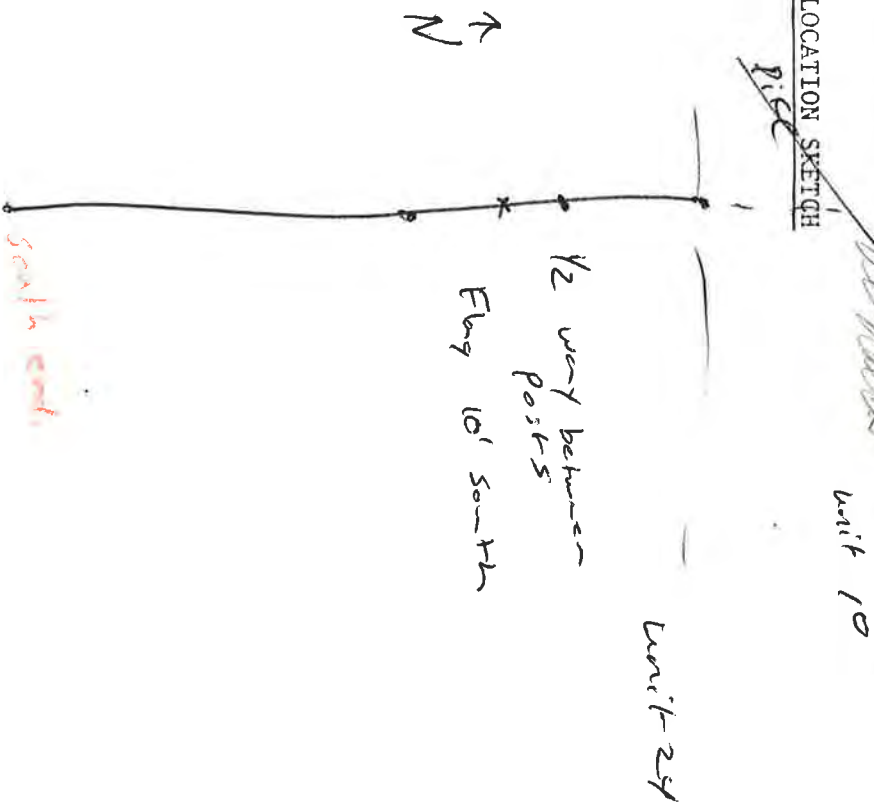
Year: 88

Unit No.		Transect No.		First Observation				Nest Status												Cover Type												Fate						
Unit No.		Transect No.		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Nx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
24	115	6-16-88	21	6-16-88	21	Canada	10		X							X														7/20	418							

NOTES

- Nest on transect and
preserved

LOCATION SKETCH



526

Form D-1

Field Form

Unit No.

24

Observer:

Rick Schmidt

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year:

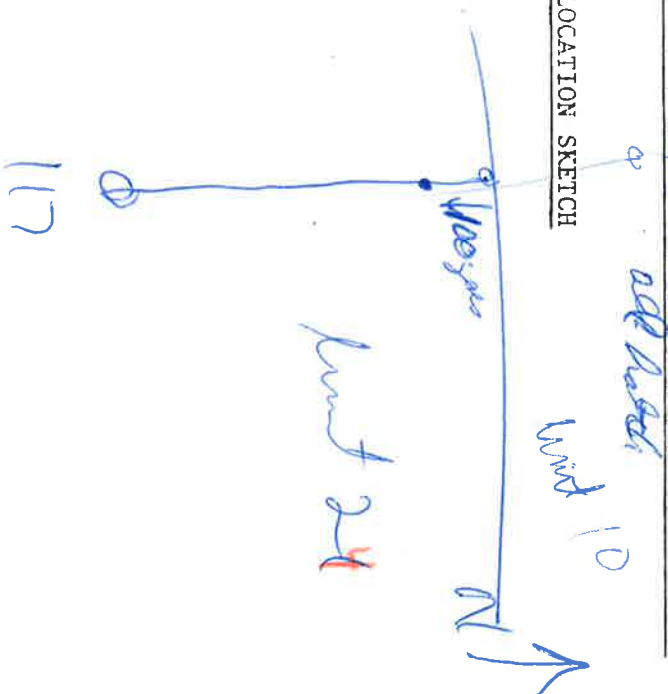
1988

Unit No.	Transect No.	First Observation				Nest Status														Cover Type														Fate				Remarks (No. & expl. on back)
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown				
24	117	6/16/88	5	Shore	28																							6/16/88	X	8								

NOTES

1. and Hatched
 approx 8 eggs
 Ground it to be a shore

LOCATION SKETCH



• ۲۲۲ •

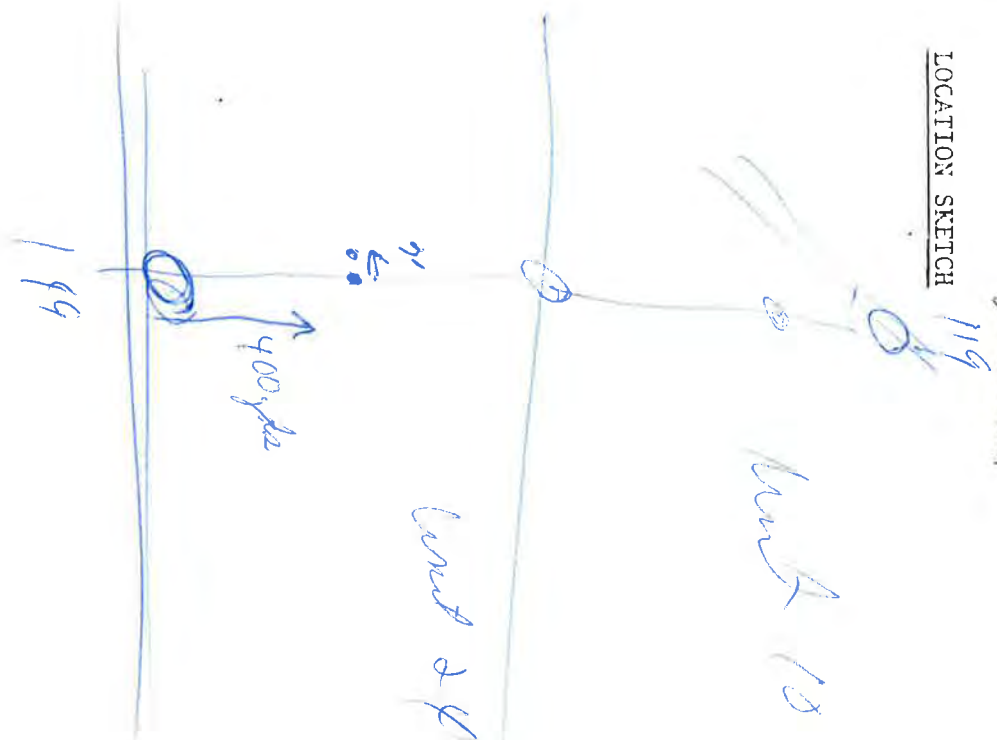
1988

Unit No.	Transect No.	First Observation			Nest Status		Cover Type										Fate																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		Date	Nest No.	Species	No. Eggs	Laying Incub.	Covered Desert. Destr. Flooded Unknown	Sx	Sve	Cry	Dist	Gx	Mof	Wx	Jba	Cx		Ix	Tla	Sva	Dike	Ditch	Flooded																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
24	119	6/16/88	555	MAL	8	✓																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

20 day

LOCATION SKETCH

Mal 8g 20mg/ml TAA reduced even
No. but 50% PAA spend
Aporotic increased and decrease
Growth and (PAA) with grass increase



28
28

524

Form D-1

Field Form

Date: 24

Observer: Rich Schneider

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1988

Unit No.		Transect No.		First Observation		Nest Status										Cover Type										Date		Fate								
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Lx	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
24	10	6/16/88	524	MAJ	6	✓															✓							7/20/88	✓							

NOTES

This is not a conventional looking up it's

shaped #224 will wear on the ground

Hill 6500 18 days in

Heavy sand - water

Good sand cover

Monticary pinus

F legs to deep 5 + 20 of Nest

LOCATION SKETCH



24

8

100

8831

		First Observation						Nest Status		Cover Type							Date																			
	Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	ry	Dst	Gx	Mof	Wx	Jba	Cx	Ix	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
2	119	01688	5-23	6-eel	9		☒							☒														7/20	☒							

LOCATION SKETCH

Thrupp

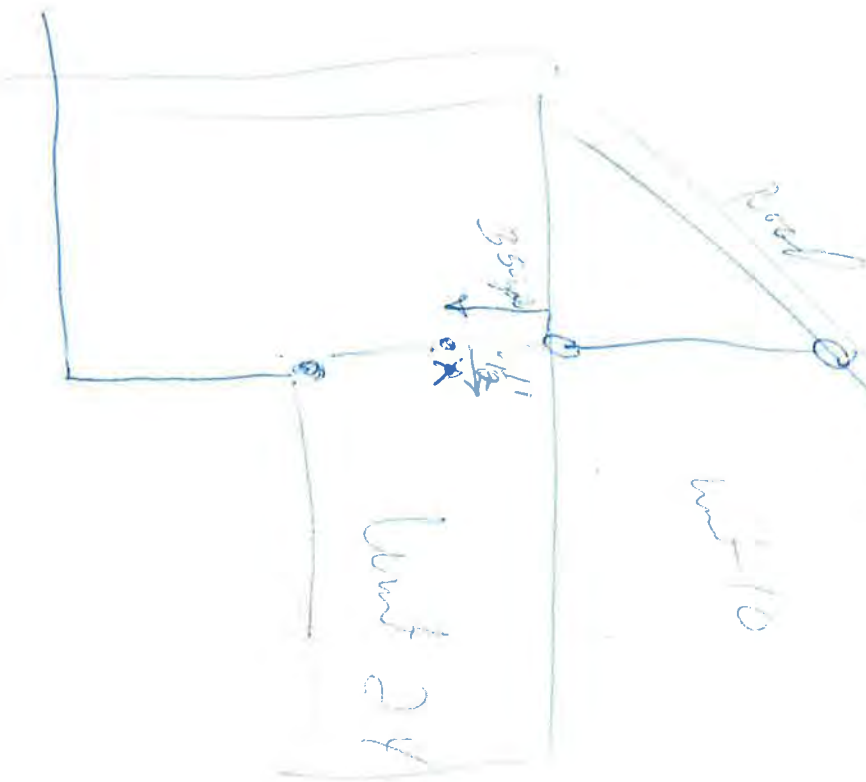
4 Oct Nov 1911

Squid Ink Juice, & Mustard
is more abundant

Handwritten: Handwritten

2. Left side we put circle with

There is 8 steps N and 21 west of west



Ala. Cup

22

Unit No. 28

Van Borselen

WHITEFOOT PRODUCTION SAFETY DECK & COOT MEETING DATA

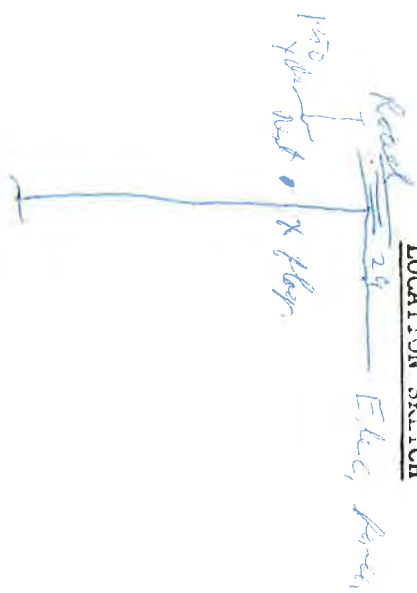
Year: 1884

[illegible]

NOTES

Nat. located in a herd of cattle in sparsa it is 11 ft from Nat. trap.

LOCATION SKETCH



1985-1988 Misc. Notes

SEP 20 1985

Name _____	
Address _____	
☐ Mardell _____	☐ _____
☐ Dennis _____	☐ _____
☐ Cassie _____	☐ _____
☐ _____	☐ _____
X Action ☆ Information	

Mel:

INFORMATION ON WHOOPING CRANE SIGHTING

Date: 9/21/85 - 11:35 a.m.

Location Township 10 S., Range 90 W

A mature (all white) whooping crane was seen, flying in a southerly direction, with 76 sandhill cranes. The birds were just east of Spruce Mountain & over the Clear Fork Basin. The whooper was readily visible thru binoculars, but the birds were high enough that the whooper could not be identified without binoculars. I watched the birds for several minutes thru the binoculars. Within the next 1/2 hour another flock of 40 sandhills & one 6 sandhills was first heard & then sighted following the same flight line.

Alan Foster
Animal Damage Control
529-25 1/2 Rd., Suite B-113
Grand Junction, CO 81501
(303) 245-9618

FIRST CRANE SIGHTED ON AUGUST 9, 1985 NEAR ALLEN GETZ'S PLACE.

- ✓ FIRST WHOOPER SIGHTED ON AUGUST 24, 1985 NEAR BRISTOL HEAD OUT OF CREEDE, COLORADO.
- 9/2/85 Alan Foster observed whooper in flight - see attached letter
- ✓ North of Unit 4 Unknown Whooper sighted 9/23/85 Ed Merrill

09/25/85 ~~83-1~~, ~~83-2~~ 83-3, PAT-14 83-8[?] Sighted by ✓
Donna at "Roost" 4:30 PM 9/25/85

09/26/85 Donna ID ~~83-5~~ blue-left, yellow right in ✓
Roost. Pat 3

9/29/85 DONNA SAW 83-19 AND PAT. 3 ON LARRY SHIVERS' PROPERTY. ✓

10/2/85 ED M. - Saw 83-19 Larry Shivers Property ✓
83-15 Pat 3 " "
UNIDENTIFIED " "

Pat #1 (?) JUST OFF N. BOUNDARY OF UNIT 4

10/3/85 Mel found Penelope killed S.H. crane (see attached sheet)

10/3/85 8:00 AM Adult whooper with white band on right leg in barley field in ✓
Unit 24 on M.V. NWA.

2:00 PM Juvenile whooper on 1/4 sec. south of Unit 19. Green-Right Blue-Left (83-24) ✓

2:05 PM Unidentified adult whooper in Unit 19 M.V. NWA.

Whooping Crane sightings

10/8/85 Donna called - She said that what she thought was ✓
83-15 was PAT 3.

10/8/85 Jim Bauer - Near Waverly School had an Adult whooper ✓
And a ~~juv~~ Juvenile on 10/6/85 (9-6045)

10/11/85 Donna observed PAT 6 & 85-6 went North of River saw ✓
⁴
whoopers
~~birds~~ - lots of Sandhills

10/20/85 Milt observed 83-8 on sugarbeet quarter ✓
north of unit-1 M.V. refuge.

10/23/85 ✓
83-3 In barley field E. of Larry Shriver's House (7 mile N. 160
83-8 " " " " (1 mile E County L.)
PAT-5 300 yds S.E. of Bill Gibson's House (SW of Unit 24)
PAT-16 200 yds S.W. of Keith Daniels' House (15 Rd, 4 E) (7 mile S. Rd)

11/4 84+22 South side of 8 mile just west of County Line
"Matt" Saw it both 11/2 & 11/3 - had problem
ID. - but says yellow on both legs -

2/18 - Unit 14 1/8 mi. East of Govt. Quarters - no leg bands

2/21 - GREEN band on right, white band on left and metal leg band on left.
located 200 yds. W. of county line rd. and 1/8 N. of 1 S Rd.

2/24 W.B. = 2 yellow leg bands observed just S. of eight mile rd
and 1/2 E. of 3 E rd.

Oct. 10, 1985

8-9 AM

MERRITT

Whooping Crane Sightings:

9.55/4 E

~~104~~ 10.5 S

1. Small white band on each leg. (1/4 mile SW of Keith Daniels house) ✓
2. Yellow band on right leg. (1/2 mile S. of Gary Noll's house) ✓ 85/30
3. Lrg. red band on left leg, lrg. white on right. (" ")
4. No leg bands (adult). (" ")
5. Green band on left leg. (" ") ✓
6. Imm. Bird, blue on right, green on left (Gary Noll's) ✓
7. Sm. yellow band (leg unk) (" ") ✓
8. Sm. white band on right leg (" ") ✓

WHOOPING CRANES KNOWN TO BE ALIVE - FALL 1987

<u>YEAR CLASS</u>	<u>I.D.</u>	<u>Left</u>	<u>Right</u>	<u>Notes</u>
1976	76-7	yellow	white (sm)	
1978	78-10		yellow (sm)	Metal band above yellow
1979	79-7		yellow (A16)	
1980	Pat-3	blue radio	<u>Metal</u> small orange	
1982	Pat-4	metal at knee		
1982	Pat-6	-unmarked-		large, tall bird
1982	Pat-7	green radio		small bird
1983	83-3		green	
1983	83-8	yellow	blue radio	
1983	83-19	-unmarked-		small bird
1983	Pat-9		large yellow (A32)	
1983	Pat-10	yel/red		
1983	Pat-12	sm. yel	small yellow	
1983	Pat-14		faded red (radio)	
1983	Pat-15	yellow	red/wh	
1984	84-21	green	yel (radio)	
1984	84-22	red radio	small white	
1984	Pat-16	white (sm)	white (small)	
1984	Pat-17	<u>Metal</u> orange	red radio	
1986	86-15	<u>Band (FWS)</u> sm. orange	dark red	
1987	87-6	blue radio	<u>Metal</u> small red	

Large Bands - 2-3 inches tall
Small Bands - 1½ inches tall

BANDS ARE LARGE UNLESS OTHERWISE NOTED.

-27 W

Fall 1987

~~SPRING 1986~~

WHOOPIING CRANES KNOWN TO BE ALIVE - ~~FALL 1985~~

YEAR CLASS	I.D.	LEFT	RIGHT	NOTES
✓ 1976	Homer	76-7 ✓	yellow	white (sm)
1978	78-1	yellow	gr/wh/gr	probably dead
1978	78-10 ✓		yel (sm)	metal band above yellow
1979	79-4 ✓	blue (radio)	yel (sm)	HIT Powerline Apr. 86
NM + 1979	79-7	^{Lost} bl/wh/bl	yel (A16)	
1979	79-10	yel	bl/wh	200 A16 captured - dead
shot but alive 1979	Pat-1 ✓	Have not sighted since Dec 86	white (sm)	injured in A.M. Jan. 86
1980	Pat-3 ✓	bl/yel blue radio	metal small orange	blue has slipped over yellow band
NM + 1982	Pat-4	metal at knee	yel (radio)	
1982	Pat-5 ✓	yel/bl	green (radio)	Dead Apr 86
1982	Pat-6 ✓?		- unmarked -	large, tall bird
1982	Pat-7 ✓?	Green radio	unmarked	small bird
1982	83-2 ?	unmarked	unmarked	
1983	83-3 ✓	white (radio)	green	
1983	83-8 ✓	yel (radio)	blue radio	
1983	83-19 ✓	gr/wh	unmarked (small bird)	green band has slipped over white
✓ 1983	Pat-9 ✓		large yellow (A32)	
1983	Pat-10 ✓	yel/red		
1983	Pat-12 ✓	^{small yellow} red (radio)	^{small yellow} white	
✓ 1983	Pat-14 ✓	lost white white	^{faded} red (radio)	orange
1983	Pat-15 ✓	yellow	red/wh	
1984	84-1	green	white (radio)	probably dead
1984	84-5 ?	- unmarked -		
1984	84-6 ?	- unmarked -		
1984	84-11	white	white (radio)	probably dead
1984	84-21 ✓	green	yel (radio)	
1984	84-22 ✓	yel red radio	yel (radio) small white	

Whooping Cranes Known to be Alive - Fall 1985
Page 2

YEAR CLASS	I.D.	LEFT	RIGHT	NOTES
1984	84-23 ✓	white (radio)	red/gr	Have not sighted since Oct 86
1984	Pat-16 ✓	white (sm)	white (sm)	
1984	Pat-17 ?	small metal orange - unmarked	red radio	
NM+ 1985	85-2	red (radio)	red	not sighted since Oct 86
1985	85-3 ✓	green (radio)	blue	(plastic on b. 11)
1985	85-5 ✓	b/yel/bl	yel (radio)	not sighted since April 86
1985	85-6 ✓	bl/yel/bl	white (radio)	
1985	85-10		red (sm)	
1985	85-14 ✓	red (sm)	blue (sm)	?
1985	85-18	red	green (sm)	? Probably dead
1985	85-21	blue (sm)	red (sm)	
1985	85-23	- unmarked -		
1985	85-24	blue (sm)	green (sm)	
1986	86-15	BAND (FWS) sm. Orange	Dark Red	
1986	86-17	Ly Red	Red	
1987	87-6	blue radio	small red metal	

Large bands - 2-3 inches tall

Small bands - 1½ inches tall

bands are large unless otherwise noted

At least 4 or maybe 5 unmarked Adults have been observed during Feb.-early March 1986

Crane Sightings 1986 - Fall

- 8/25 First Sandhills sighted on Monte Vista NWR - 2 seen
 9/3 4 Sandhills sighted along Conveyance Channel Alamosa Refuge
 8/31 A small flock of Sandhill Cranes landing at SW corner of pond on 6E
 South of 160
 9/2 Several Families also seen of Refuge
 9/19 First Whooping Crane Spotted (Mv-unit 3, Bill M.) 2 small white bands, PAT-16
 one on each leg.
 10/10 First Whooper located on Alamosa NWR
 11/3 84-22 Whooper on Alamosa NWR

Crane Sightings 1987 - Spring

- Feb 8 First Sandhills
 Feb 23 First Whooper (2 miles S. of Waverly - Lrg yellow band - RT Leg)
 ALSO 1100 Sandhills South & East of Waverly
 Feb. 26 Whooper 8 mile & 1/4 mile east of County line
 Feb 24 83-19 at Refuge Gravel Pit - (Dale Stalhecker)
 Mar 1 Unmarked Bird Helen Stilling
 March 1 on 8 mile road and Refuge (A-21-Pat 15) Donna
 March 1 Waverly 78-10? (small yellow, metal above it) Donna
 March 4 Unmarked Bird (Adult) Unit 24
 March 2 Unit 24 Green Band LT Leg Adult
 March 8 85-18² - Behind Armory Donna
 March 8 84-21² 2 mi W on 8 South of County Line Donna
 IN & County Line - large orange on right - 850 1/4 mile from 235 - yellow right
 March 10 Pat 9; 76-7; Unmarked Adult - on Refuges 3 Bob Rozinski
 March 12 Pat 9; 76-7; Unmarked Adult - on Refuges Georgia
 March 13 Pat 9; 76-7 Unmarked - on Refuge Georgia
 March 14 4 on Refuge; 2 10 miles; 2 at Armory - Georgia - Tours
 March 15 5 on Refuge; 1-10 miles; Juvenile - Red-R; Purple Left - Tour

April 10

Alamosa NWR Grain field

2 red bands

Crane Sightings Fall - 1987

Hobie Dixon - Sandhill Cranes 25 La Jara 9/14

About 50 Sandhill Cranes MV Refuge 8/28/87

Getz Rpt. 3 whoopers using his land to Bill McD. 9/16/87

Adult Whooper (No leg Bands) 9/22/87

Roberta Observed 3 whoopers on Getz (1 - no Bands
2 - sm wht bands all adult) 9/24/87
3 - 1 yellow
1 sm. wht

Whooper Bluff Overlook 9/25/87

2 whoopers STANLY RD & 10/1/87
105N

ADULT sm Red Right / leg yellow left

ADULT leg Red (Radio? Right / sm Red Left
& white or silver

FALL - 88

9-19-88 Noon 1 Whooping Crane with 20 Sandhills headed "our direction" sighted by Niel Ward Hotchkiss Fish Hatchery, Colorado

9-19-88 5pm Another whooper w/ 40-50 Sandhills flying over Hotchkiss Fish Hatchery toward SLU. Niel Ward

9-21-88 1 whooper (no bands visible) feeding with ≈ 1000 S cranes 83 + Empire

10/3/88 1 whooper Unit 16, no leg bands observed, dirty plumage alone (8:1 - 8:25 am 50% water/hunting insects)

10/9/88 1 whooper Alamosa South of Lowry ditch Hunter with good descrip.

10/23 1 whooper 1 mi East + 1 mi S of Jinet 105 + Gunbarrel

10/23 1 whooper 7pm roosting 50 yds from Gunbarrel Unit 19 

10/25 ^{8am} 1 whooper feeding jinet of 83 + Empire Canal (75 yds from road) 

10/25 5pm "

10/25 8pm whooper roosting 50 yards from Gunbarrel Unit 19 North drawdown pond

10/26 1 whooper feeding stubble 85 + Empire

10/26 1 whooper feeding stubble 85 2 mi E of Gunbarrel - unconfirmed

Spring 1988

Crane Sightings

- 2-4-88 Feb 1 - 50 sandhill cranes MV Refuge.
8mi 1/2 mile East of Hwy 15 whooping crane with 40 sandhills - Donna's Employee
Feb. 2 - 2 sandhill cranes grain field Alamogordo NW
Feb. 6 - 1 whooping crane in flight over section south of Unit 19.
Feb. 8 - 1 whooping crane came off roost in Unit 18. Feeding in barley field in Unit 20. lg. yellow band on right leg. nothing on left.
600 s.h. cranes mostly on so. side of M.V. area and south of the refuge.
Feb 16 1 whooper in Unit 22 John Saw

- March 4, Aerial Crane Survey 17,510 cranes counted
March 7 Individual called reporting sighting of whooper SN. on Hwy 17
March 28 - Still 7 whoopers in Valley - Rod Drewin

- 13 whoopers located in SLV spring of 1988.

May 12 - 1 unidentified whooping crane with 5 s.h. cranes 1 1/2 miles north of Rio Grande River on county line road. On west side of highway near Vali-Ai seed storage co. buildings.

May 13 - 1 unidentified whooping crane - same as above.

May 15 - whooping crane observed feeding. Flushed bird which flew approx. 1/2 mile and landed.

May 21 - whooping crane observed feeding - didn't see any s.h. cranes.

July 8 - whooping crane Unit 15 300 yds S of ^{North} road No leg bands observed.
crane walked across dike

July 14 whooping crane Unit 15 500 yds S of North town road No bands
Bird was feeding, slight harassment by stilts

July 26 whooping crane Unit 16

July 27 Peregrine Falcon Unit 15

8-5-88 whooper no band Unit 16

8-9-88 whooper Unit 16 P.C. meeting tour

9-7-88 - 1 whooper light colored band on each leg "New Bird" M.V. Allen Gilly Feeding am. stilts

And Unusual Sightings Spring 1988

Date	Species	Location	Number Observed
Feb 1	Sandhill Cranes	MV Refuge	about 50
Feb. 29	BW Teal	Alamasa Refuge	about 500 Mumm Well
March 1	Sandhill Crane	San Luis Valley	about 14000 in valley
March 1	BW Teal + Pintails	Monte Vista NWR	about 15,000 new birds
March 1	Bald Eagle	MV NWR	Most have left 10 remaining
Prior to 3-1	Can. Redhead Bufflehead, Ringneck Am. Merganser Gadwall	MV NWR	6 can 10 Red head 2 Bufflehead 225 mergansers 3 Ringneck 15 gadwall
3-1	Ruddy Duck	MV NWR	3
3/4	Bald Eagles	Alamasa NWR	20 (Aerial census)
3/21	"	"	still about 25
3/25	"	"	about 60 on refuge
3/26	Sandhill cranes	Large migration out of valley	
3/28	Bald Eagles	only about 6 left on Alamasa - left w/ south wind today	
5/2	1 st Canada Goose brood	observed MV NWR	
8/24	Sandhill Cranes	Alamasa Refuge	Only heard them
9/15	Sandhill crane	7 on hill lot meadow or Alamasa NWR	7
9/18	sandhill cranes	150 below Hansen Bluff	150
9/20	Whooper	(Hilly) just w of switch road Priv Land N of Unit 1 MV NWR	1 TLW
10/20	C. Goose	Approx. 200 C. Goose feeding in grain on Alamasa NWR	200



Horde Vista Shop

Wildlife & Phenology Observations

88

Date	No.	Species	Location	Initials
8-24-88	4	Sandhill Crane	14 F1	TH
9-1	200	Crows + 1 Whooper	Alan Metz grain field	Bene
9-2	30	Turkey Vultures	Unit 18	Bene
9-2	75	Crows	Unit 18	Bene
10/25	22	Clk Caneen	Unit 19	Bene
11/18	2	Bald Eagles	19	TH
	2	Golden Eagles		
11/29	56	Chlora Birds	Unit 19	RS
1/29	1 oct	Fox Tracks	Unit 19	RS
1/29/88	2	Great Blue Heron	Unit 15	RS
2-8-89	6	Short ear. owls	Unit - 16	Bene
2-8-89	16	Sandhill Cranes	Unit 24	Bene
3-6-89	1	ERMIN	24 F2	TH
3-14-89	3	Turkey Vultures	8 mile Road 4 1/2 East	TH
4-19-89	1	Peregrine Falcon	Empire Canal Unit 9	Bene
4-21-89	1	Boat Tail Gracial	MV Shop	Bene
4-26-89	1	Elk calf dead in fence	Unit 14 (winter)	RS
4/25	1	Black Crownd Night Heron	Unit 17	RS
4/25	1	bees with 1 young	Unit 19	RS
4/25	1	bees with 5 young	Unit 18	BM
4/25	1	Am Butler	Unit 19	RS
4/25	10	bees nesting on islands	Unit 16	RS
4/27	1	Raven sitting on crane structure (feeding)	Unit 19	BM
4/27	1	Raven flying with gosling in back	Unit 19	RS
5/10	1	Goose (3)	Unit 19	TH
5/10	2	Goose (3) (5)	Unit 19	RS
5/10	1	Goose (1-Thought)	shop	RS
6/12	1	Black Bear	Long into Unit 6	Bene
6/16	2	Clk Bull-1 cow	MV	RS
6-26	6	Bull Elk	McNails on west side of Highway	TH
6-30	1	R. S.	LEARNING	TH
8-23	1	Barn owl	old Barn at Shop	Bene
8-25	10	Sandhill Cranes	Metz Ranch	Bene
8-25	1	ERMIN (CARRYING COTONTAIL)	COUNTY LINE AT UNIT 10	TH

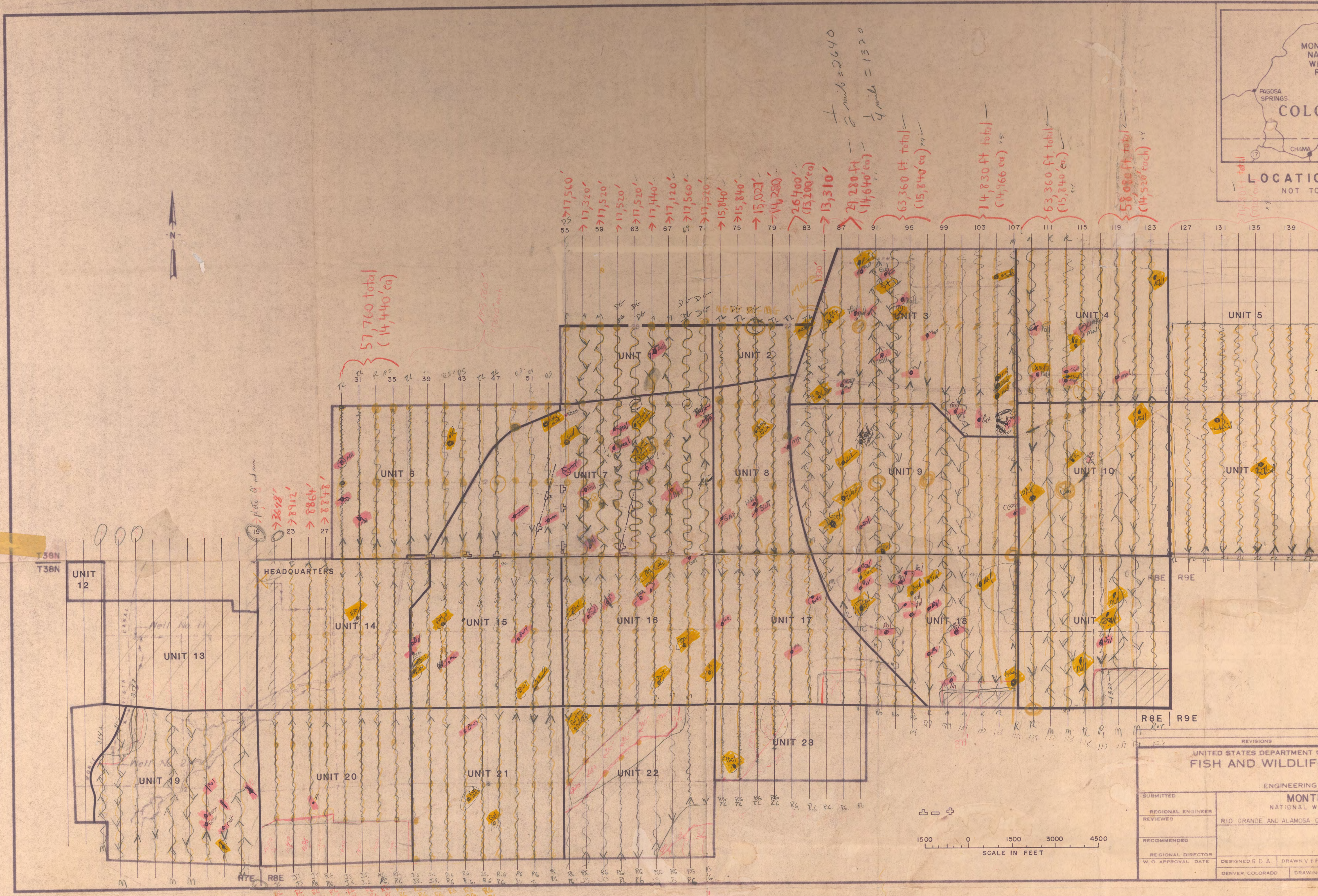


Wildlife & Phenology Observations

88

Date	No.	Species	Location	Initial
8-8-88	1	Double Crested Cormorant	M.V. Unit 6	RS
8-5-88	1	Woodhill cow elk	M.V. Unit 4 not countered 85	RS
8-4-88	1	Bull Elk leaving fence	M.V. Unit 5.1	RS
8-7-88	220	Black breasted crow	Hemlock M.V. road level	RS
8-14-88	drop & fewer birds	(Buckhorn Broadtail)	Temp 37° on Friday 8-12-88	RS
8-17-88	1	4pt Bull Elk dead - 1st	Along fence previously Monte Vista Canal	C 350
8-17-88	500	Small flocks - mostly groups of Mallards	Along the road M.V.	RS
8-17-88	500	Tree swallows singing	1st St. across from	RS
8-19-88	Flocks 10	Sandhill Crane	Heard	BS
8-22	sign increase	# of Western Kingbird observed abundant valley		RS
8-25	1	Band of Pigeons killed in under some pine trees near town		RS
8/26	2	Bull Elk	Unit 20 M.V.	SB
8/24	50	Turkey Vultures	Unit 18 drawdown	SB
8/24	3	Sandhill cranes	Alamosa Office	SB
8/27	1	Bull Elk 505 death by arrow	Coyotes River	RS
9/7	1	Whisper (2 light colored birds - 1 on each leg)	allan betz	RS
9/7	260	Sandhill Crane	allan betz	RS
9/6	10%	Cottonwood - turning color	M.V.	RS
9/6	none	Aspen still green	mtain	RS
9/6	thousands	Tree Swallows singing	M.V.	RS
9/6	numerous	Mallards + Gadwall becoming very vocal	M.V.	RS
9/6	decline	in Bluewing number	M.V. Refuge	RS
9/6	-	suspect to frost in SO valley		RS
9/3-9/5	no bulls	Dead breeding apt		RS
9/8	2	Osprey	Ala Ref along river	RS
9/9	1	Wood duck	Alamosa NWK behind shop	SB
9/5	-	dog bone in full color	Booth refuge	RS
9/11	-	Aspen starting to turn	Upper Rock Creek	RS
9/9	1	Rattlesnake 3'	M.V. Research road	RS
9/16	1	Kayfisher	Near Ditch	RS
9/15	1	Head frost	M.V.	RS
9/16-18	-	Frost	M.V.	RS
9/19	2	Osprey	M.V.	RS
9/19-9/22	Amphur	Sandhill Crane + other birds	more birds on Refuge Montey morning after being gone to birds and worked	RS
9/19	-	Aspen 20% color		RS
9/12/88	1	Cow Elk death by arrow	Coyotes River	SB
9/30	3000	Sandhill Crane	C. River + RS	RS
9/20	50	S. Cranes	3/4 mile S of Ala County line	RS
9/20	?	Birds singing	Unit 10	RS
10/9	1	Whisper	Near bridge between river + ground	RS
10/13	1000	Swallow	Northern Parula along river	RS
10/17	27	Mule deer	Alamosa River S of	RS
10/24	numerous	Duck been Grouse	Fishing ditch at drawdown behind shop M.V.	RS
10/24	decline	Crane	M.V.	RS
10/25	3000, 1500, 11000	Elk	Unit 19	RS
10/20	1	Surf Scoter	M.V. Refuge	CT

Map: Duck Nests



REVISIONS		4-25	RJS
		DATE	DRAWN
UNITED STATES DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE			
ENGINEERING			
MONTE VISTA NATIONAL WILDLIFE REFUGE			
REGIONAL ENGINEER		RIO GRANDE AND ALAMOSA COUNTIES, COLORADO	
REVIEWED			
RECOMMENDED			
REGIONAL DIRECTOR			
W.O. APPROVAL DATE		DESIGNED G.D.A. DRAWN V.F.F. DATE 9-76 CHECKED	
DENVER, COLORADO		DRAWING NO.	