

KN-5004      ASC 16956  
HERRING BAY

ACE 1369565

DOCUMENTS IN STREAM FILES

ASC# \_\_\_\_\_ Segment # \_\_\_\_\_

\_\_\_\_ '89 Intertidal Assessment Survey, Sport/Com. Fish  
\_\_\_\_ '89 Shoreline Clean-Up Program (SAT)  
\_\_\_\_ '89 Anadromous Fish Stream Authorization, for instream work  
\_\_\_\_ '89 Stream Treatment Reports  
\_\_\_\_ '89 Demobilization Reports \_\_\_\_ Bioremediation \_\_\_\_ other  
\_\_\_\_ '89 RLS Sheet \_\_\_\_ Oil sed. sample \_\_\_\_ Egg sample  
\_\_\_\_ '89 Fall Walk-a-thon Survey, ADEC  
\_\_\_\_ '89 Winter Assess. Study Site \_\_\_\_ Winter Stream Survey Form  
\_\_\_\_ '89 Other Documents \_\_\_\_\_

\_\_\_\_ '90 Pre-Anadscat Survey, multi-assessment form  
\_\_\_\_ '90 Anadscat Survey  
\_\_\_\_ '90 Anadromous Fish Stream Evaluation (work order)  
\_\_\_\_ '90 Anadromous Fish Stream Addendum to work order  
\_\_\_\_ '90 Shoreline Evaluation, SAT and work order for segment  
\_\_\_\_ '90 Anadromous Fish Stream Authorization, Title 16 permit  
\_\_\_\_ '90 Stream Treatment Report  
\_\_\_\_ '90 ADEC Demobilization Report for Bio  
\_\_\_\_ '90 ADF&G Oiling Condition Survey, for ASAP use (Aug. Surv.)  
\_\_\_\_ '90 ASAP Survey \_\_\_\_ ASAP Rec. \_\_\_\_ ADEC Rec. (Feb.)  
\_\_\_\_ '90 Other Documents \_\_\_\_\_

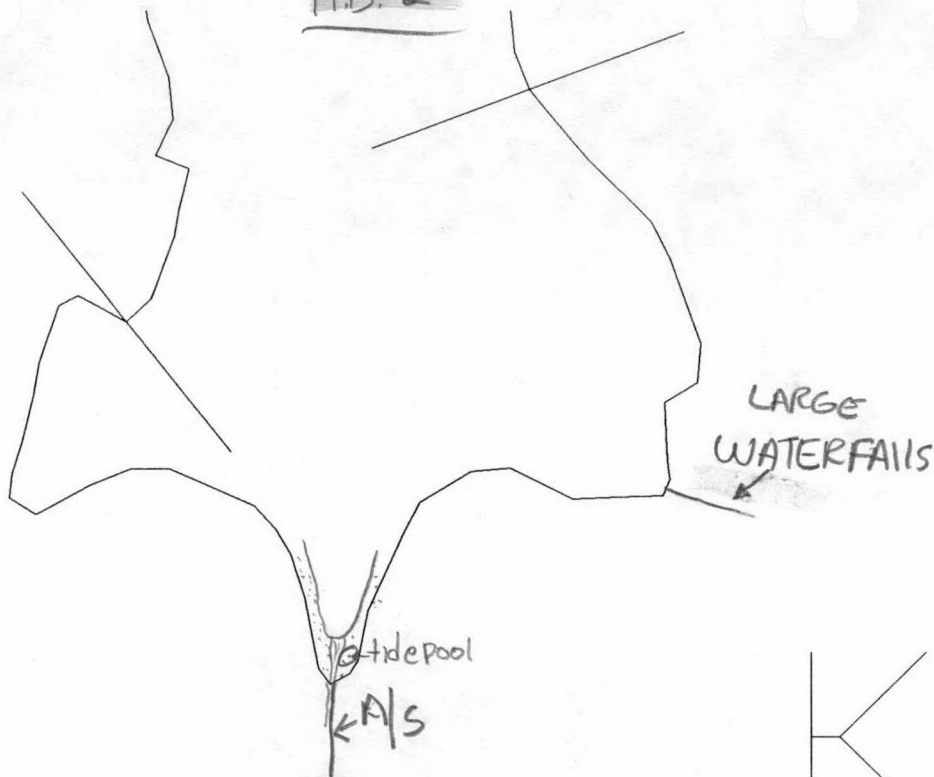
ACE 7379546/FF/-IS  
+1/F/S/LT/

HB. 2

HERRING BAY 9/16/89

UN-CAT A/S  
NO/OIL

100-DEAD PINKS



500.0

KN5004

ACE 6725614 +/-F/H

VIDEO 89ME006V

**ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT**

SEGMENT#: KN5004

DATE: 09/16/89

LOCATION: SE HERRING BAY, KNIGHT I.

TIME: 20:00

Survey Type: Boat, Ground

Team: D. Zobrist, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Sunny  
Sea State: Calm

Wind Direction: NW  
Knots: 0-15

|                 |            |                  |            |
|-----------------|------------|------------------|------------|
| Low Tide: 8:28  | Feet: -1.1 | High Tide: 14:42 | Feet: 14.  |
| Low Tide: 20:53 | Feet: -1.8 | High Tide: 2:23  | Feet: 13.5 |

SHORELINE DESCRIPTION

Shoretypes: H,LR

(H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)

Wave Exposure: L (H=high, M=moderate, L=low)

Shoreline Composition: R,B,C,G

(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL

(N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: H

(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)

Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 5%

Presence of Oiled Driftwood (y/n): -

Oil Types: none

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n

Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None

Bags Collected: 0

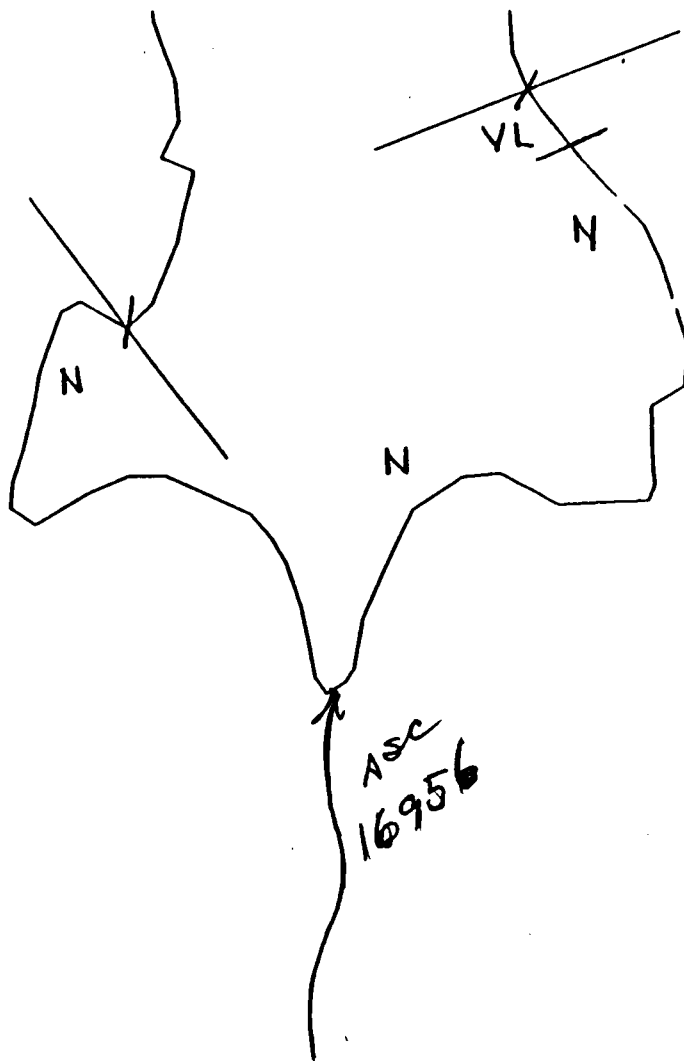
Draft

Printed: 12/12/89 11:38

ACE 7379547

Walk-a-thon

ACE 7379548  
+14C/RT



500.0

KN5004

| OILING             |              |
|--------------------|--------------|
| H                  | Heavy        |
| M                  | Moderate     |
| L                  | Light        |
| VL                 | Very Light   |
| N                  | None         |
| NS                 | Not Surveyed |
| Distance In Meters |              |

N

SEG <sup>KN</sup> 5004 INSPECTION # 1DATE 7/30/89

SEGMENT

## INSPECTION RECORD

Shoreline Treatment Process(es) Completed for this Segment

☐

Hot water wash

☐

Mechanical

☐

Warm water wash

☐

Non-mechanical

☐

Water deluge

☐

Other

Exxon

Treatment as indicated above has been completed. Request demobilization from this segment.

Comments No treatment was required for segment  
KN 5004Signature [Signature]Date: 7/31/89 Time: 2012Printed Name ROBERT L. MEALEY

Existing Shoreline Condition As Visually Determined by USCG

Surface Oil

Subsurface Oil

Percent Degree of Oiling

☒

Yes

☐

No

Heavy

Medium

Light

2%

Very Light

96%

None

100 %

Comments Very insubstantial

Reassessment

☒

Yes - necessary

☐

No - not necessary unless re-oiled

ADEC rep Comments JAN KASPER (ADEC) was present during inspection

Signature

Date: / / Time:

Printed Name

FOSC rep

Demobilization approved/disapprovedComments MOBILIZATION NOT PROCEEDS @ THIS TIME.Signature [Signature]Date: 7/30/89 Time: 2227Printed Name THOMAS D. HARRISON

(version 4/29/89)

SHORELINE CLEANUP PROGRAM

DATE 6/06/89

SHORELINE SEGMENT KN-5004

LOCATION: (see enclosed map) Herring Bay-Knight Island (East)

ADEC NO. \_\_\_\_\_ SHORELINE ASSESSMENT DATE: 6/03/89

Recommended Cleanup Activity(ies):

- No oiling. No recommended cleanup.

Priorities Considerations:

Ecological Constraints (from site survey): No cleanup  
recommended. No oiling observed.

Archeological Constraints (from site survey):

If cleanup is conducted and heretofore undiscovered cultural materials are uncovered, contact Exxon's Archeological Field Director and take actions prescribed in the Operational Guidelines for Shoreline Cleanup dated 4/21/89 as amended.

Charles Z. Horner  
State Historic Preservation Officer \*

Date: June 6, 1989

EXXON: \_\_\_\_\_

Date: \_\_\_\_\_

FOSC: \_\_\_\_\_

Date: \_\_\_\_\_

\* Signature required to satisfy stipulations in Alaska DNR land use permits for tide and submerged lands.

~~XXXXXXXXXX~~.

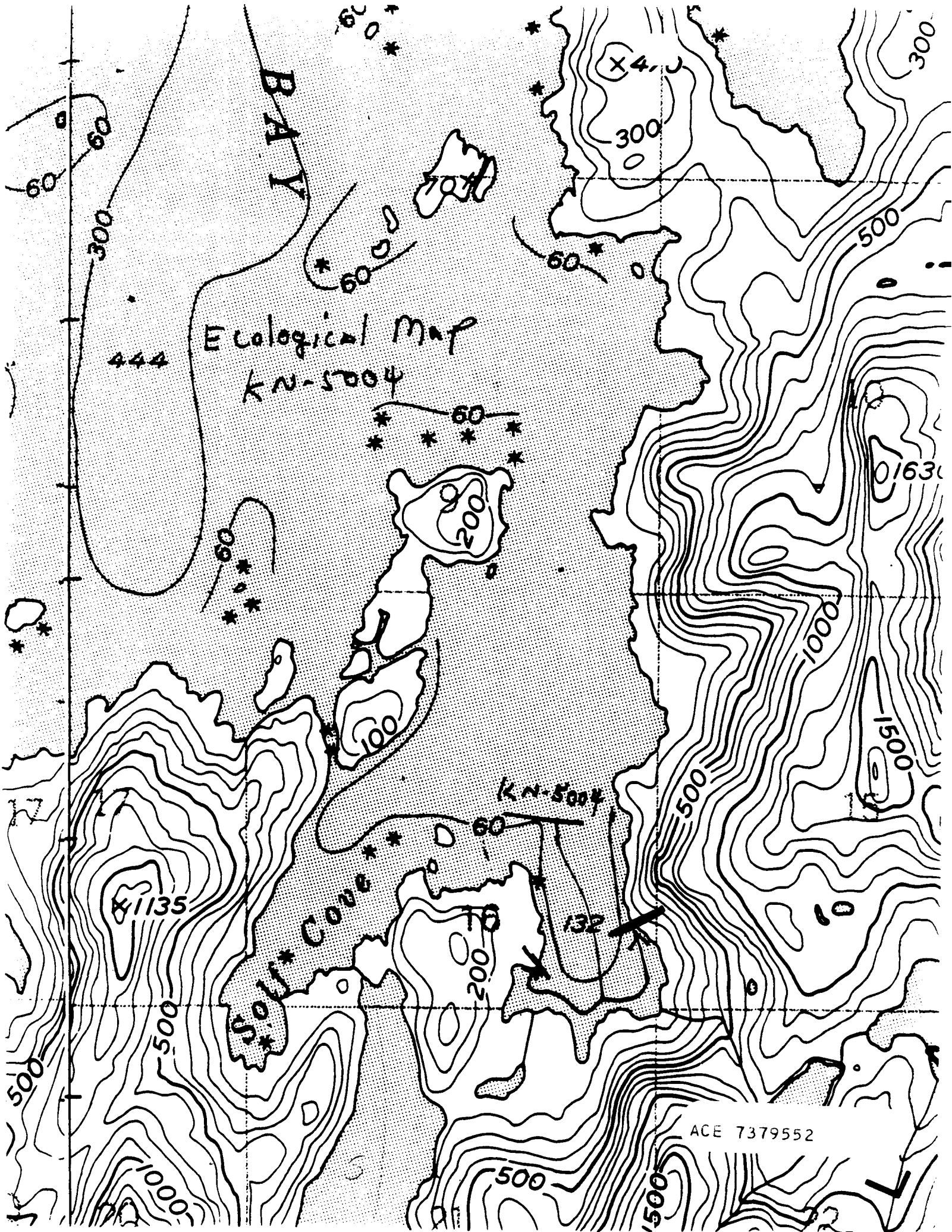
Map/Aerial photo markir segment boundaries \_\_\_\_\_

VTR: Y/N Tape Number(s) \_\_\_\_\_

Photography: Y/N Roll Number(s) \_\_\_\_\_

Sample Numbers Collected: \_\_\_\_\_





<sup>Knight + slugs</sup>  
LOCATION: Herring B. SITE: \_\_\_\_\_ SERVER: G Penn  
LOCATION PREFIX: KN SEG. NO.: 500 4 LENGTH: 1800 (M)  
DATE: 6/2/89 TIME (HHMM): 11:20 TIDE HT.: 1.4 (M)

OILED ZONE: Splash High Medium Low NONE

SUBSTRATUM Rocks Boulder Cobble Gravel Sand Mud

LIVE BIOTA

Fucus (algae): Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

No oiled Fucus observed

Mytilus (Mussels): Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

(+) Tactile Response

Balanus (Barnacles): Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

(+) Tactile Response

Littorina

Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

(+) Tactile Response

Limpets: Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

(+) Tactile Response

OTHER OBSERVATIONS: \_\_\_\_\_

CLEANUP PRECAUTIONS: No clean-up recommended - no oiled surface observed.

MAMMALS: Otters \_\_\_\_\_ Harbor Seals \_\_\_\_\_ Sea Lions \_\_\_\_\_ Whales \_\_\_\_\_  
Other \_\_\_\_\_

BIRDS: \_\_\_\_\_

GENERAL OBSERVATIONS: Area appears pristine.

(version of 4/29/89)

CULTURAL RESOURCE EVALUATION

Date 6-3-89 Location Knight Island/Herring Bay Site \_\_\_\_\_

Location Prefix KN Segment # 5004 Length 1800 m.

Survey Method:

Air \_\_\_\_\_ (A - indicate on map) Boat X (A - indicate on map)

Ground X (G - indicate on map)

Known cultural resources (AHRS #) \_\_\_\_\_ Data Source \_\_\_\_\_

Oil conditions/beach visibility NO oil

Width of beach zone surveyed 0-5 m Tree fringe surveyed 0-20 m.

Cultural resources observed in beach zone (AHRS code) NONE

Cultural resources observed in tree fringe (AHRS code) NONE

General observations justifying survey method and segment's site probability:

Shore Profile Variable w/ steep rock outcrops and pocket beaches.

Fresh Water Sources water falls and streams.

Sea Exposure Open to East, North, and West

Access/Safety good access

Probability of undiscovered sites in beach zone (circle one) 1 2 3 4 5

Monitoring during cleanup needed yes/no no Collection yes/no no

Photos: Color Roll # \_\_\_\_\_ Frames \_\_\_\_\_

B/W Roll # \_\_\_\_\_ Frames \_\_\_\_\_

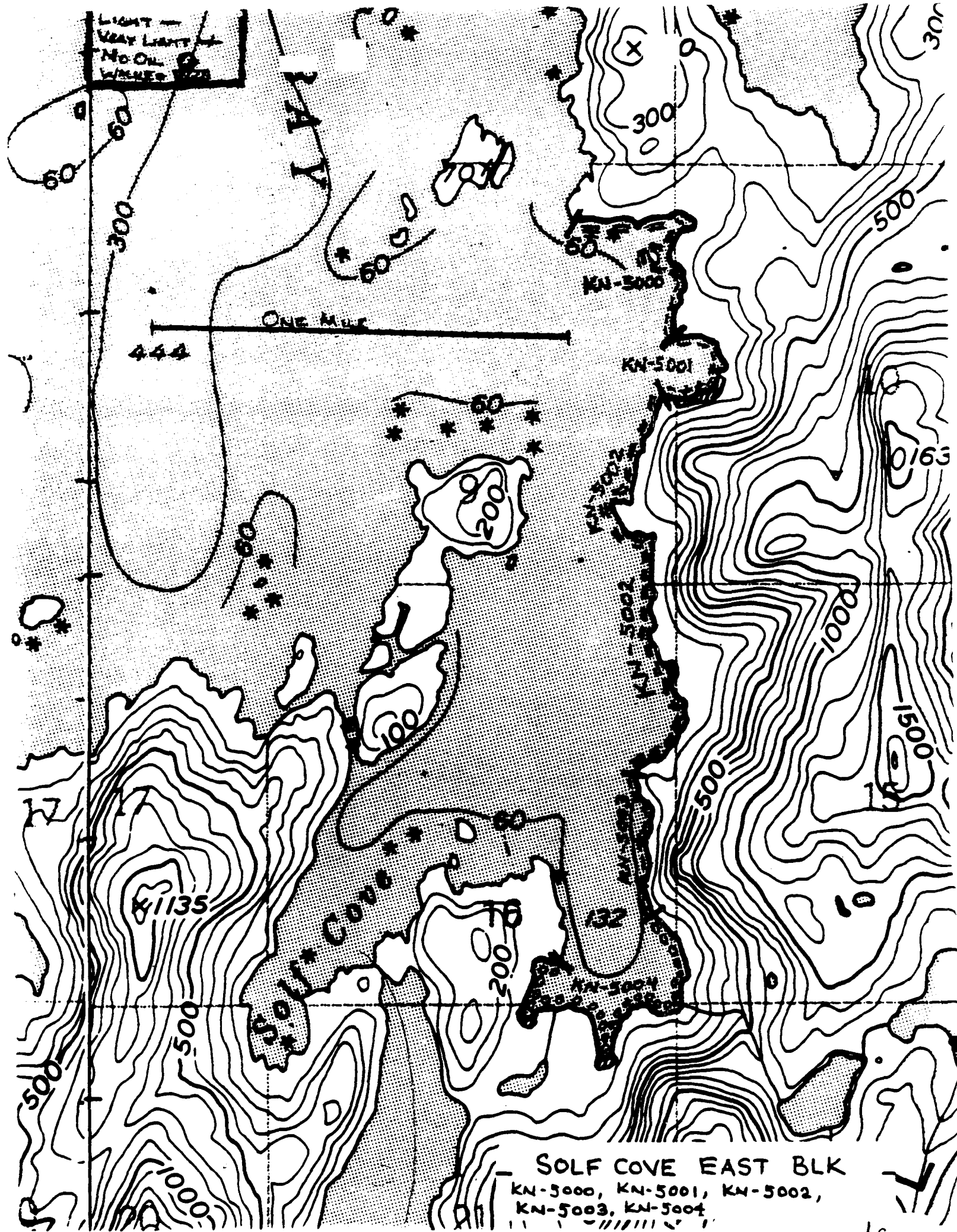
Observer(s) ANDREFSKY

Time survey started 11:20 AM Time survey ended 11:45 AM

Cultural resource considerations/restraints:

If heretofore unidentified cultural resources are discovered  
contact Exxon archeologists immediately.

LIGHT -  
GRAY LIGHT -  
NO OIL  
WINNER 1978



SOLF COVE EAST BLK  
KN-5000, KN-5001, KN-5002,  
KN-5003, KN-5004

(version 5/02/89)

**SHORELINE CLEANUP PROGRAM**

DATE 3 JUNE 1989

SHORELINE SEGMENT KN-5004

LOCATION: (see enclosed map) EAST SHORE HEERING Bay, KNIGHT  
ISLAND

ADEC NO. \_\_\_\_\_ SHORELINE ASSESSMENT DATE: 3. JUNE 1989

Recommended Cleanup Activity(ies):

NO OILING / NO RECOMMENDED CLEANUP

Priorities Considerations:

Ecological Constraints (from site survey): NO Cleanup  
Recommended - no oiling observed.

Archeological Constraints (from site survey):

If heretofore undiscovered cultural materials are uncovered during cleanup, contact Exxon's Archeological Field Director and take actions prescribed in the Operational Guidelines for Shoreline Cleanup dated 4/21/89 as amended.

\_\_\_\_\_  
State Historic Preservation Officer \*

Date: \_\_\_\_\_

EXXON: \_\_\_\_\_

Date: \_\_\_\_\_

FOSC: \_\_\_\_\_

Date: \_\_\_\_\_

\* Signature required to satisfy stipulations in Alaska DNR  
land use permits for tide and submerged lands .

ACE 7379556 +/5

**SHORELINE OIL EVALUATION**Date: 3 JUNE 89 Time: 1120Observer: BRYAN TRIMMSurveyed From: Foot/Boat/Helio/PlaneWeather: Sun/Cloud/Rain/Snow/Fog**LOCATION**LOCATION EAST SHORE, HEERING BAY, KNIGHT ISLANDSEGMENT NUMBER KN-5004LENGTH OF SHORELINE SEGMENT: 1800 mACCESS: Foot/Vehicle/Boat/Barge/Helio/Float Plane**SHORELINE:**Shoreline Type: SPI/BEA/COV/HLD/STRTSlope: LANG/HANG/VERWave Exposure: High/Med/LowSediment: B 2% / C 20% / P   % / G   % / S   % / M   % / R 60%Drift Debris on Beach: Yes/No Supra/Upper/Mid/Lower Type   **OIL**Degree of Oiling: Heavy/Moderate/Light/No Oil/Unobserved

Area of Beach Impact: SU / SP / H / M / L

Continuous: Y/N   % of Segment    Width of Band:    mSporadic: Y/N   % of Segment   Est. Oil Thickness where > 1cm:    cm Est. Oil Penetration:    cmPooled Oil:   % "Free" Oil:   % Coated: H   % / M   % / L   %Fresh   % Mousse   % Tar Formation:   %

Drift Debris Oiled? Yes/No Supra/Upper/Mid/Lower Amount: H/M/L/

Comments:

NO OIL / NO RECOMMENDED ACTION

DOCUMENTATION:

Map/Aerial photo marking segment boundaries \_\_\_\_\_

VTR: Y/N Tape Number(s) \_\_\_\_\_

Photography: Y/N Roll Number(s) \_\_\_\_\_

Sample Numbers Collected: \_\_\_\_\_

# ECOLOGICAL EVALUATION

Knight Island

LOCATION: Herring Bay SITE: \_\_\_\_\_ OBSERVER: G Penn  
 LOCATION PREFIX: KN SEG. NO.: 500 4 LENGTH: 1800 (M)  
 DATE: 6, 2, 89 TIME (HHMM): 11:20 TIDE HT.: 1.4 (M)

OILED ZONE: Splash High Medium Low NONE

SUBSTRATUM: Rocks Boulder Cobble Gravel Sand Mud

## LIVE BIOTA

**Fucus** (algae): Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

No oiled Fucus observed

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(+) Tactile Response

**Balanus** (Barnacles): Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

(+) Tactile Response

## **Littorina**

Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

(+) Tactile Response

**Limpets**: Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

(+) Tactile Response

OTHER OBSERVATIONS: \_\_\_\_\_

CLEANUP PRECAUTIONS: No clean-up recommended - no oiled surfaces observed.

MAMMALS: Otters \_\_\_\_\_ Harbor Seals \_\_\_\_\_ Sea Lions \_\_\_\_\_ Whales \_\_\_\_\_  
 Other \_\_\_\_\_

BIRDS: \_\_\_\_\_

GENERAL OBSERVATIONS: Area appears pristine.



(version of 4/29/89)

CULTURAL RESOURCE EVALUATION

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Probability of undiscovered sites in beach zone (circle one) 1 2 3 4 5

Monitoring during cleanup needed yes <sup>if clean up is required</sup> no Collection yes no

Photos: Color Roll # \_\_\_\_\_ Frames \_\_\_\_\_

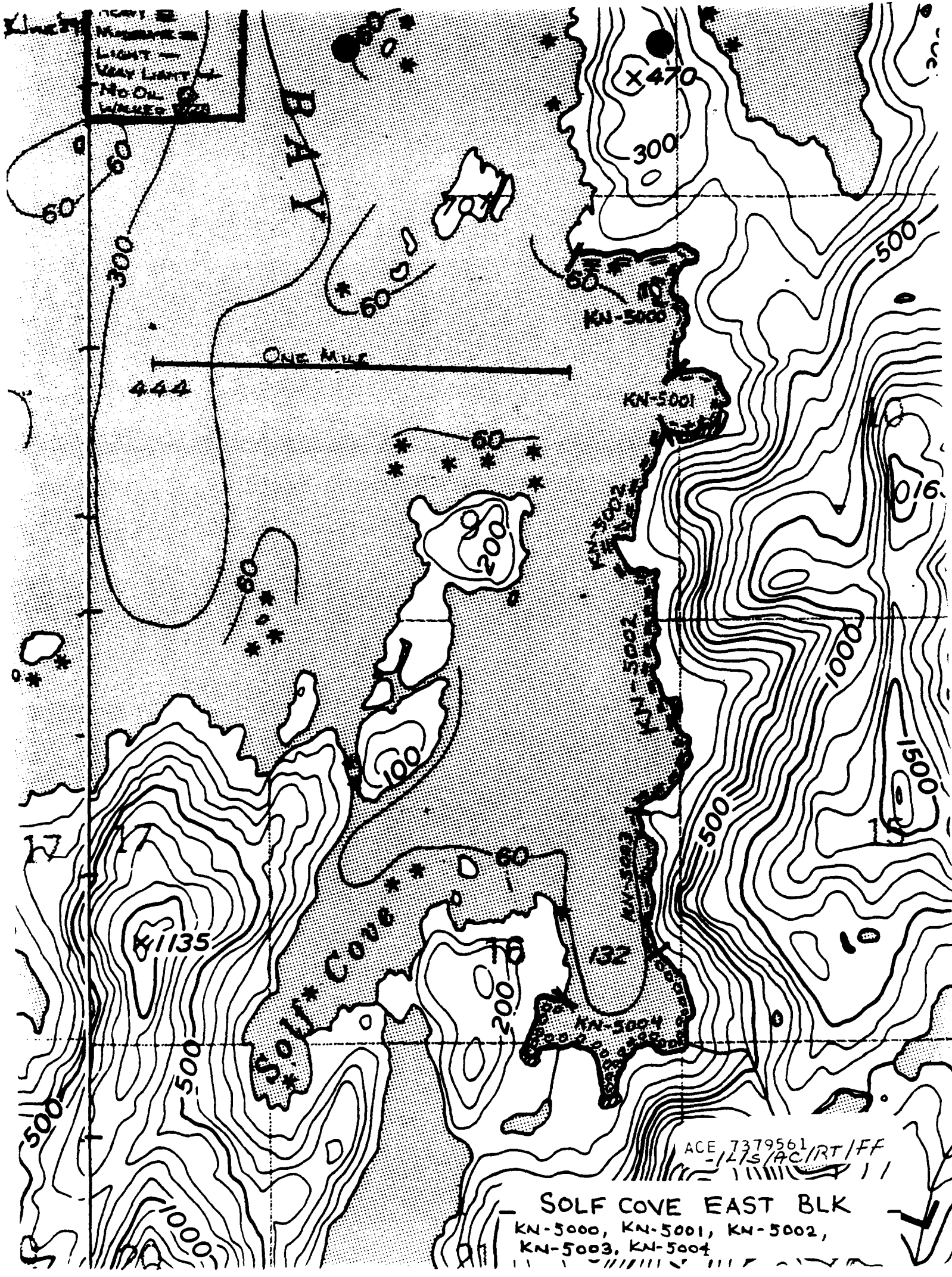
B/W Roll # \_\_\_\_\_ Frames \_\_\_\_\_

Observer(s) ANDREFSKY

Time survey started 11:20 AM Time survey ended 11:45 AM

Cultural resource considerations/restraints:

If heretofore unidentified cultural resources are discovered  
contact Exxon archeologists immediately.



LIGHT  
VERY LIGHT  
NO ON  
WATER

ONE MILE  
444

X 470  
300

X 1135

KN-5000  
KN-5001

KN-5002  
KN-5003

KN-5004  
132

ACE 7379561  
1/15/AC/RT/FF

SOLF COVE EAST BLK  
KN-5000, KN-5001, KN-5002,  
KN-5003, KN-5004