

SEGMENT INSPECTION RECORD ORIGINAL

ADEC # K2-4

Shoreline Segment: FB-8

Shoreline Treatment Process(es) Completed for this Segment

Yards Signed Off

☐ Hot water wash	☐ Mechanical
☐ Warm water wash	☒ Non-mechanical
☐ Water deluge	☐ None

Exxon

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

Exxon Comments

Signature *Gayle Cannon*

Date 9/14/89

Time 1250

Printed Name Gayle Cannon

Existing Shoreline Condition As Visually Determined by USCG

Surface Oil

Percent	Degree of Oiling
☐	Heavy
☐	Medium
☐	Light
☒ 1%	Very Light
100%	

Subsurface Oil

☐ Yes ☒ No

Comment Below

Reassessment

☐ Yes - Necessary

☒ No - Not necessary unless re-oiled

ADEC Rep

Comments see comments on back

Signature *Scott Shelton*

Date 8/30/89 Time 5:10 P.M.

Printed Name Scott Shelton

FOSC Rep Demobilization approved/disapproved

Comments

Signature *EJ Madden*

Date 9/14/89 Time 1545

Printed Name EJ Madden

Copy: Exxon ADEC FOSC ISCC Return All Signed Originals to Exxon

ACE 6725907 F/S/HF

TYPE A SHORELINE CLEANUP WORK ORDER

Date 7/23/89

Shoreline Segment FB-2, 3,5,6,7,8,11,12,13,

Location (see map)

Foul Bay North Block

ADEC No. K2-4

Shoreline assessment date 5/18/89

Recommended cleanup activities

Manually remove oil coated seaweed drift , mousse, and tar balls from interial areas. Do not remov surface sediment or debris down into cobble beach. Surface removal of oiling & debris only. No cleanup recommended in FB-1,4,9,10,14. Light oil and high wave exposure.

Priority cosiderations

FB-2,3 None.

Fb-5 Class 5-B FB-6 Class 3-A FB-7 Class 5-A Suggest small crews & small boats for these small oiled locations. FB-8 Class 3-B Use small crew with intent to minimize traffic and impact in sandy inlet. Submerge mousse patties in lower intertidal zone. (Contd on next page.)

Ecological constraints

FB-2 Avoid areas of healthy fucus on rocks at each end of beach.

FB-3 Avoid small stream and areas of healthy vegetation at low tide on rocks. Clean on an ebbing tide. (Ecological Constraints continued on next page)

Archaeological constraints (from site survey)

FB-2 Restrict Access to terrace at southeast end of segment.

FB-3 Avoid mouth of small stream at west end of segment.

If any archaeological or historical sites or artifacts are discovered during the clean up activities they must remain undisturbed and the Exxon archaeologist Jim Haggarty contacted (486-5680). (take action prescribed in the "Guideline for Shoreline Cleanup" dated 4/21/89 as ammended).

Submitted by: *Clark*

Exxon

Date 8/3/89

Approved: *[Signature]*

Federal On-Scene Coordinator

Date 3 Aug 89

ACE 6725908

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 7/16/89

SHORELINE SEGMENT K2-4-FB-8

LOCATION: (see enclosed map) NE coast of Foul Bay - Afognak Bay

ADEC NO. _____ SHORELINE ASSESSMENT DATE: 7/15/89

Recommended Cleanup Activity(ies):

- Manual removal of mousse patties and oiled debris.
- Low pressure/warm water wash (with boom across inlet) of mousse coated areas.
- Wash or scrape/wipe oiled logs.

Priorities/Considerations: Class 3-B

- Use small crew with intent to minimize traffic and impact in sandy inlet.
- Submerged mousse patties in lower intertidal zone.

Ecological Constraints (from site survey):

- Do not wash oil into stream.
- Take appropriate measures to protect healthy lower intertidal areas.

Archaeological Constraints (from site survey):

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

J. David M. Mahan
State Historic Preservation Officer *

Date: 7/26/89

EXXON: _____

Date: _____

FOSC: _____

Date: _____

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

ACE 6725909

SHORELINE OIL EVALUATION FORM - KOL K

Date: 7/15/89 Time: 20:40Observer: G. MACDONALDSurveyed From: Foot/Boat/Helio/PlaneWeather: Sun/Cloud/Rain/Snow/Fog

LOCATION

LOCATION N.E. COAST of FOUL BAYSEGMENT I.D. K2-4, FB-8LENGTH OF SHORELINE SEGMENT: 700 mACCESS: Foot/Vehicle/Boat/Barge/Helio/Float Plane beach, boulders
SHALLOW DRAFT MOD. - rock.

SHORELINE:

Shoreline Type: SPI/BEA/COV/HLD/STRT/INLET Slope: LANG ~~SHARP~~ VERWave Exposure: High/Med/Low - V. NARROW FETCH ANGLE - V. HI. FETCH (> 10 miles)Sediment: B 10% / C 10% / P 35% / G 20% / S 15% / M 10% / R 10%Drift Debris on Beach: Yes/No Supra/Upper/Mid/Lower Type logs, seaweed

OIL

Degree of Oiling: Heavy/Moderate/Light/No Oil/Unobserved/Very LightTotal Area of Beach Impact: SU / SP / H / M / L

OIL DISTRIBUTION

Continuous: Y/N Segment % N 35% No. Bands 1 Width 4m - 10mSporadic: Y/N Segment % Min/Max Dia Impact Width Est. Oil Thickness where > 1cm: cm. SU / SP / UP / MID / LO

Depth below top sed

Est. Oil Penetration: 210 cm SU / SP / UP / MID / LOLayers? Yes/NO No. Layers Oil Weathering Drift Debris Oiled? Yes/No Supra/Upper/Mid/Lower Amount: H / M / L / VL

OIL MORPHOLOGY

Pooled Oil % "Free" Oil % COATED 80% M
Spattered 10% H/M/L/VL Sheen %
MOUSSE CAKES 10% L

OIL WEATHERING (OW)

Fresh Oil % SU/SP/VP/MID/LO Choc Mousse TRACE% SU/SP/VP/MID/LOPancake Mousse 20% SU/SP/VP/MID/LO Asphalt Mousse 10% SU/SP/VP/MID/LOTar Formation %

Comments:

SMALL INLET w/ ABUNDANT GRAVEL OUTWASH "FAN"
SUNKEN MOUSSE PANCAKES WIDESPREAD & BEYOND LOW
TIDE LEVEL - COULD BE COLLECTED EASILY w/ SMALL, LONG-
HANDLE DIPNET; CAKES ALSO COMMON ON SMALL BEACH TO
NORTH - COATED w/ SAND.

K 2-4 FB-8

DOCUMENTATION:

Map Aerial photo marking segment boundaries Attached

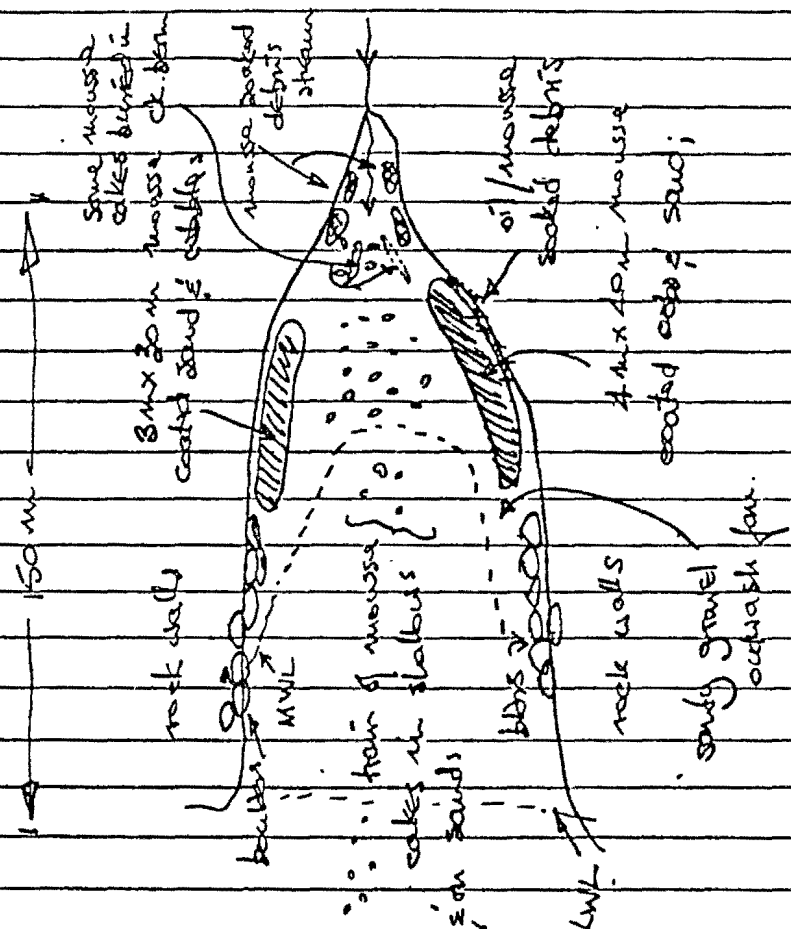
VTR: ☒ Y ☐ N Tape Number(s) UNKNOWN

Photography: ☒ Y ☐ N Roll Number(s) SWB-19 (7-15-89)

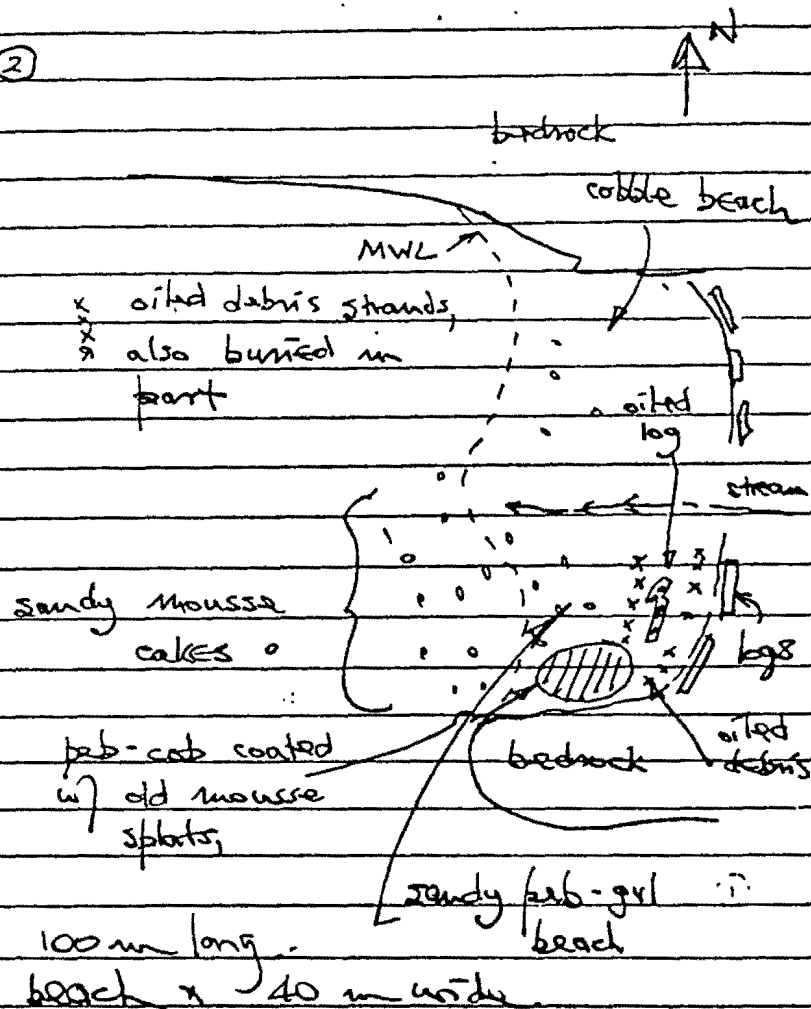
Sample Numbers Collected: None

20.40 HRS SEGMENT FB-8 7/15 p.m.

exposed tidal inlet of coarse sand & gravel outwash; small stream.



(2)



END of SEGMENT FB-8

21.30 HRS

ACE 6725912

ACE 6725913

FB-9

FB-8
7/15 pm

SEGMENT :

K2-4, FB-5 - 7/15 a.m.

FB-6 - 7/15 p.m.

no oil - steep rocky shore
w/ boulders & UHWC

ice-scoured
slopes w/ sud-
vl. pocket beaches

FB-7
7/15 p.m.

no oil

sand-grl beach w/
mousse soaked berm

10m x 10m coated
rocks

ck.

10m x 1/4 m asphalt
& HWL on rock + fences

low cliff (10m) w/
jumble bld. shore.

grl-sand beach

debris balls
@ UHWC

hi. cliff

boulders & cobbles under hi. cliff w/
80m long x 5m wide coated mousse

steep rock walls, no oil.

splots @
UHWC → MITZ.

FB-6

1/2 m x 30m @
HWL on
rock

no oil

ice scoured bedrock
coast w/ some cob-
grl. strands

sand bar

sand
beaches

U. intertidal grassy flatlands
@ head

thin, narrow
gravel shore @ L MWL

No oil

No FISH

ADF&G Notices.

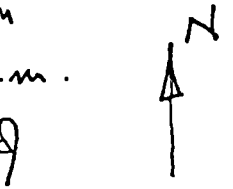
no oil

sheltered, steep
rock

FB-5

steep, low
relief rocky shore.
w/ some ...

Map of
heavy oil
moderate oil.
very light oil.



stream
① location -
SEE NOTES.

ACE 6725914

Foul Bay.

1 mile

ECOLOGICAL EVALUATION

LOCATION: Foul Bay SITE: N. Shore OBSERVER: SM BAN

LOCATION PREFIX: K2-4 SEG. NO.: FB-8 LENGTH: ~~100~~ 900 (M)

DATE: 7/15/89 TIME (HHMM): 2030 TIDE HT.: + 1 1/2 (M)

OILED ZONE: Splash High Medium Low

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

^{un-oiled} Clumps among gravel at stream margins - dense on boulders

Oiled high in ITZ - TOTAL area of oiled Fucus = 5m²

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

Dense subtidally - none oiled

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

Adults in upper ITZ oiled total area of oiled Balanus = 5m²

Littorina

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

Dense under Fucus fronds most not oiled

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

Few individuals seen - none oiled

OTHER OBSERVATIONS: Small Fish in water - many dead clam

shells in sandy lagoon - indicates rich clam beds

CLEANUP PRECAUTIONS: Do not wash oil into stream. Protect

areas of healthy vegetation on cobbles in lower ITZ.

Minimize disturbance to sandy bay when collecting mousse balls.

MAMMALS: Otters Harbor Seals Sea Lions Whales

Other None seen

BIRDS: gulls crows

GENERAL OBSERVATIONS: This small lagoon is oiled & mammals in
intertidal. Fucus and Balanus are impacted. Care must
be taken to protect the stream

(version of 4/29/89)

CULTURAL RESOURCE EVALUATION

Date 7-15-89 Location Afognak Is Site Foul Bay

Location Prefix FB Segment # FB-8 Length 700 m

Survey Method:

Air _____ (A - indicate on map) Boat ✓ (A - indicate on map)

Ground ✓ (G - indicate on map)

Known cultural resources (AHRS #) NONE Data Source _____

Oil conditions/beach visibility Heavy to moderate / excellent visibility

Width of beach zone surveyed 0-20 m Tree fringe surveyed 0-15 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 A small inlet with boulder shoreline and a gravel beach

Fresh Water Sources A small stream enters the inlet

Sea Exposure Open to Foul Bay on west

Access/Safety Easy access / no safety considerations

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

Monitoring during cleanup needed yes (no) collection yes (no)

Photos: Color Roll # _____ Frames _____

B/W Roll # _____ Frames _____

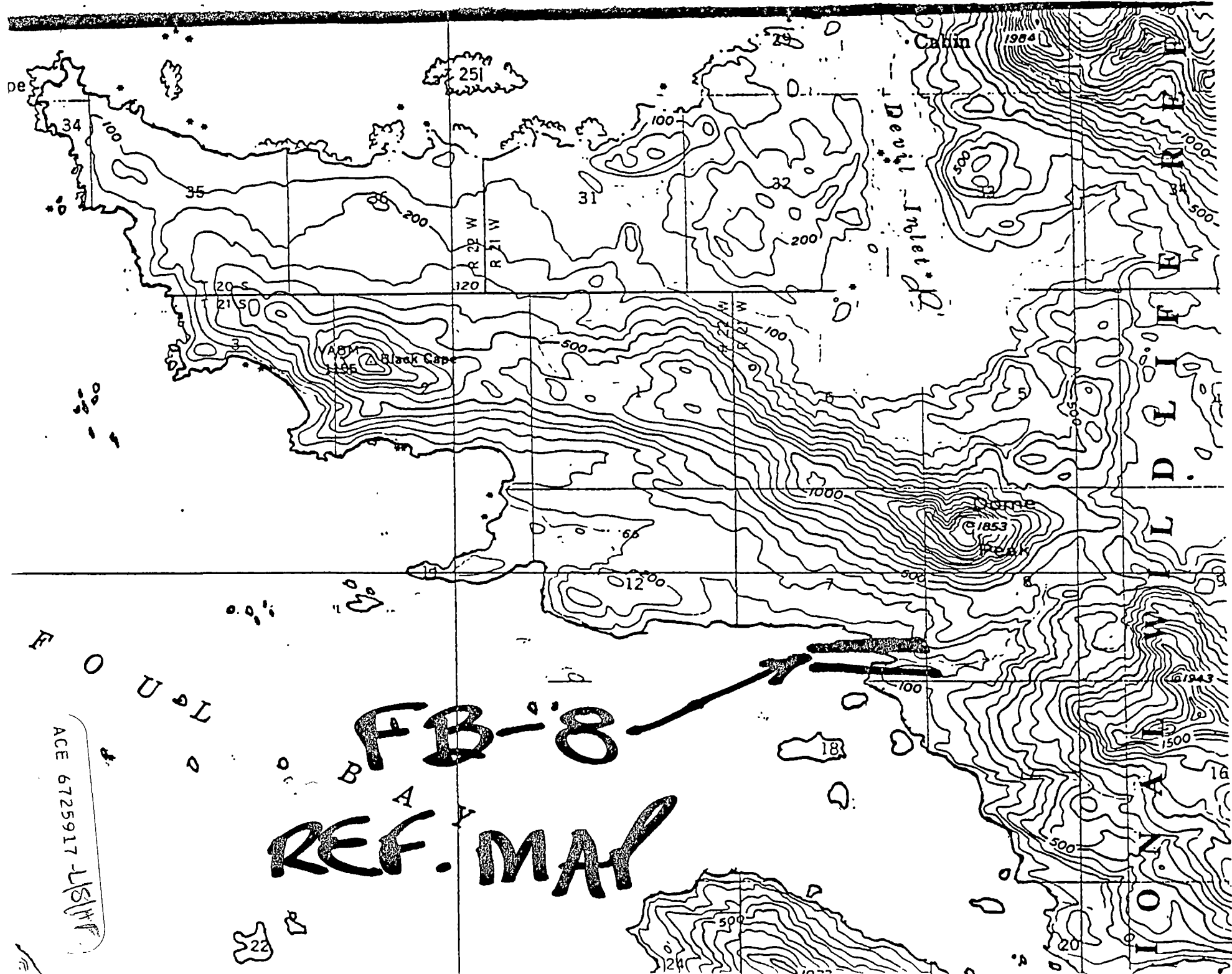
Observer(s) RE REANIER

Time survey started 1750 Time survey ended 1830

Cultural resource considerations/restraints:

If heretofore undiscovered cultural materials are
uncovered during cleanup activities contact Exxon
archaeologist. C. Mobley immediately

ACE 6725916



ACE 6725917 -L/S/H