

ALASKA LEGISLATURE SPECIAL COMMITTEE / SUBJECT FILES 8672

1073 SCOMM 28: JOINT GAS PIPELINE COMMITTEE, 1981-82

Docket No. CP78-123, et al.



THE FEDERAL INSPECTOR
ALASKA NATURAL GAS TRANSPORTATION SYSTEM
ROOM 2413, POST OFFICE BUILDING
1200 PENNSYLVANIA AVENUE
WASHINGTON, D.C. 20044

August 4, 1980

Honorable Charles B. Curtis
Chairman, Federal Energy
Regulatory Commission
825 N. Capitol Street, N.E.
Room 9000 Washington, D.C. 20426

Dear Chairman Curtis:

I have attached a copy of formal diplomatic notes, exchanged between the United States and Canada on June 10, 1980. This exchange of notes effectuates reciprocal procedures governing the procurement in Canada and the United States of designated items for the Alaska Highway Gas Pipeline, the U.S. portions of which represent the Alaska Natural Gas Transportation System. These procedures, by their terms, are to be administered by my office and the Northern Pipeline Agency.

Of particular interest to the Federal Energy Regulatory Commission is the following aspect of the U.S. diplomatic notes:

It is understood that the procedures in the Annex are subject to regulatory approval in the United States, specifically the amendment of the conditional certificates of the Alaskan Northwest Natural Gas Transportation Company, of the Pacific Gas Transmission Company, and of the Northern Border Pipeline Company by the Federal Energy Regulatory Commission of the United States.

In this regard the Office of the Federal Inspector, as the administering agency in the U.S., is requesting that the Commission incorporate these reciprocal procedures as conditions to the aforementioned conditional certificates issued by the Commission on December 16, 1977, in Docket Nos. CP78-123, et al. In this manner these officially established and currently effective procurement review procedures may be administered by this agency also through Section 102(d) of Reorganization Plan No. 1 of 1979.

Docket No. CP78-123, et al.

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Thank you for your assistance in this manner.

Sincerely yours,


John T. Rhett
Federal Inspector

cc: John Adger
FERC
Michael Lucy
State Department
Darrell MacKay
Northwest Alaskan
Philip Reynolds
PGT
Carl Schulz
Northern Border
Trish Lortie
Canadian Embassy
Barry Yates
Northern Pipeline Agency

THE FOLLOWING DOCUMENT(S) MAY NOT FILM
LEGIBLY BECAUSE OF POOR QUALITY OF THE
ORIGINAL.

Enclosure 1

Docket No. CP78-123, et al.

Canadian Embassy



Ambassade du Canada

No. 226

10 June, 1980

Sir,

I have the honour to refer to your Note of today's date concerning procurement procedures designed to implement the provisions of the Agreement between Canada and the United States of America on Principles Applicable to a Northern Natural Gas Pipeline, signed at Ottawa on September 20, 1977.

I have the honour to inform you that these proposals are acceptable to the Government of Canada, and to confirm that your Excellency's Note, together with the attached statement on Procedures Governing the Procurement in Canada and the United States of America of Certain Designated Items for the Alaska Highway Gas Pipeline, and this reply, which is equally authentic in English and French, shall constitute an agreement between our two governments which shall enter into force on the date of this reply.

Accept, Sir, the renewed assurances of my highest consideration.

The Secretary of State
Washington, D.C.

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DEPARTMENT OF STATE
WASHINGTON

June 10, 1980

Excellency:

I have the honor to refer to Paragraph 7 of the Agreement between Canada and the United States on the Principles Applicable to a Northern Natural Gas Pipeline (Pipeline Agreement) and the recent discussions between representatives of the Government of the United States of America and representatives of the Government of Canada regarding procedures to ensure procurement on a generally competitive basis for the Alaskan Natural Gas Transportation System.

As a result of these discussions, the Government of the United States agrees to enter into an agreement with the Government of Canada permitting the mutual and reciprocal implementation of procedures governing the purchase of specified items for the Alaskan Natural Gas Transportation System.

In fulfillment of this agreement, the United States agrees to adopt the procurement procedures contained in the Annex to this note. It is understood that the procedures in the Annex are subject to regulatory approval in the United States, specifically the amendment of the conditional certificates of the Alaskan Northwest Natural Gas

His Excellency,

Peter Tove,

Ambassador of Canada.

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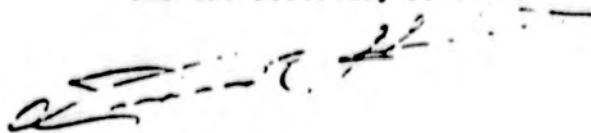
Transportation Company, of the Pacific Gas Transmission Company, and of the Northern Border Pipeline Company by the Federal Energy Regulatory Commission of the United States. It is further understood that Canada will also adopt the procurement procedures contained in the Annex to this note, and bring them into force with Canadian regulatory process.

In the event of disputes regarding implementation of the procurement procedure in the United States of America or in Canada, either country may request consultations in accordance with paragraphs 7 (b) and 8 of the Pipeline Agreement.

If the foregoing is acceptable to the Government of Canada, this note and its Annex, together with your note in reply, shall constitute an agreement between the two Governments with effect from the date of your reply.

Accept, Excellency, the renewed assurances of my highest consideration.

For the Secretary of State:



Enclosure:

Annex: Procurement Procedures for
the Alaskan Natural Gas
Transportation System

PROCEDURES GOVERNING THE PROCUREMENT IN
CANADA AND THE UNITED STATES OF AMERICA
OF CERTAIN DESIGNATED ITEMS
FOR THE ALASKA HIGHWAY GAS PIPELINE

Introduction

The Agreement between Canada and the United States of America on Principles Applicable to a Northern Natural Gas Pipeline, which was signed in Ottawa on September 20, 1977, states in its preamble that one of the principal objectives of the project is to "maximize related industrial benefits of each country." It further states in Clause 7(a) that "having regard to the objectives of this Agreement, each Government will endeavor to ensure that the supply of goods and services to the Pipeline will be on generally competitive terms." The same clause stipulates that the elements to be taken into account in weighing competitiveness will include price, reliability, servicing capacity and delivery schedules. Clauses 7(b) and 8 provide for coordination and consultation between the two governments with respect to the achievement of the objectives of the Agreement with respect to procurement.

In order to implement these principles, the Governments of Canada and the United States of America agree that the following procedures with respect to the procurement of certain designated items of supply for the Alaska Highway Gas Pipeline will be adopted on a reciprocal basis by the appropriate regulatory authority in each country, namely, the Northern Pipeline Agency in Canada (NPA) and the Office of the Federal Inspector in the United States (OFI).

1. Qualification of Bidders

The project companies in each country will submit a list of qualified bidders they propose to invite to tender

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on any of the items designated in Schedule 1 to the appropriate domestic regulatory authority, which will expeditiously convey copies of any such lists to the regulatory authority of the other country both directly and through normal diplomatic channels. The regulatory authority of the other country will have 14 calendar days following its receipt in which to review the bidders' list and to propose to its counterpart the addition of any firm or firms which it considers should also be invited to tender. If any such modification is proposed, it is to be communicated to the originating project sponsor by the responsible regulatory authority in that country. Should the project sponsor not be prepared to accept the additional bidder or bidders proposed by the regulatory authority of the other country, the reasons for its position shall be communicated to that authority by the responsible domestic authority.

The project sponsors may, but are not required to, place advertisements inviting interested suppliers to prequalify as bidders for particular supplies. In the event that such advertisements are decided on for designated items, they shall be placed in appropriate trade journals or other publications in both Canada and the United States.

2. Technical Specifications and Tendering Documents

Prior to the actual solicitation of bids on designated items listed in Schedule 1, the project sponsors in each country will submit technical specifications and tendering documents to the appropriate domestic regulatory authority, which will first expeditiously review the solicitation information for possibly restrictive language that would prohibit open competition and then expeditiously convey

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copies of such information on a confidential basis to the regulatory authority of the other country both directly and through normal diplomatic channels. The regulatory authority of the other country will have 14 calendar days following its receipt to review such information and to submit any proposed modifications in the technical specifications or tender document to the responsible regulatory authority, which in turn will communicate such representations to the originating project sponsor. Should the project sponsor not be prepared to accept the modification of the technical specifications or tender document proposed by the regulatory authority of the other country, the reasons for its position shall be communicated to that authority by the responsible domestic authority.

3. Recommended Decisions to Purchase or Negotiate

Following the receipt and evaluation of bids on designated items listed in Schedule 1, the project sponsor will submit its conclusions in a report satisfactory to the domestic regulatory authority with respect to the purchase of supply, or of entering into negotiation with one or more firms for the purpose of reaching contract agreement, to the responsible domestic regulatory authority. After expeditiously reviewing these submissions for general competitiveness, the domestic regulatory authority shall prepare and submit to the regulatory authority of the other country a meaningful summary of the report and of its conclusions. Such information shall include an outline of the factors which were taken into account by the project sponsor in arriving at its conclusions, and, in cases where consideration of industrial benefit were involved, demonstrate that they came within the framework of general competitiveness.

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While maintaining the confidentiality of proprietary commercial information, including the tender prices of individual bidders, such summaries should be designed to make possible an assessment of the extent to which the proposed procurement conforms with the stated objectives of the Canada-United States Agreement. In cases where bids submitted by either Canadian or United States firm on tenders called by sponsoring companies in the other country have been rejected or accepted only in part, the conclusions of the project sponsor and the reasons for them as outlined in the project sponsor's report will be communicated by the responsible domestic regulatory authority to the regulator authority of the other country as part of the meaningful summary.

In the event the regulatory authority in the other country wishes to raise questions with respect to the conclusions or the summary containing the factors which led to those conclusions, or wishes to initiate formal consultations as provided for under Clause 7(b) of the Canada-United States Agreement on Principles, it will be required to provide notification to the responsible domestic regulatory authority within a period of 14 calendar days.

Should consultations as provided for under the Agreement be invoked with respect to any aspect of the procurement process, it is recognized by the Governments of both Canada and the United States that they should proceed expeditiously so as to avoid causing any undue delay in the timely completion of the project.

4. Award of Contract

Although no specific requirement for consultation should be necessary at this time in view of the extensive provisions at earlier stages, a short delay may be required to advise the other country's regulatory authority of any significant changes that resulted during negotiations with the selected vendor(s).

Docket No. CP78-123, et al.

Schedule 1

Designated Items

1. Line Pipe - Main Line Pipe 36 inches and over.
2. Gas Turbine/Compressor Packages.
3. Valves - 20 inches interior diameter and over
(both block valves and station valves).
4. Pipe Fittings - 20 inches interior diameter and over.

**PLEASE NOTE: THE PRECEDING PAGES WERE TREATED
AS A UNIT IN THE ORIGINAL DOCUMENT.**

UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION

In the Matter of:	)	
	)	Docket No. CP80-435
Alaskan Northwest Natural	)	
Gas Transportation Company	)	

**ANSWER OF NORTHWEST ALASKAN PIPELINE
COMPANY TO COMMISSION STAFF MOTION TO COMPEL**

Pursuant to Section 1.12(c) of the Commission's Regulations, Northwest Alaskan Pipeline Company herewith files its answer to the motion of the Commission staff seeking to compel a reply, in writing, to staff interrogatories directed to Northwest Alaskan on October 21, 1980 and November 6, 1980. Staff asserts that Northwest Alaskan has not responded to the interrogatories.

Staff is in error. The questions posed in the interrogatories relevant to the matters before the Commission for decision -- resolution of the outstanding IROR matters, including approval of a CCE and center point -- have been answered either in writing or at the technical conferences authorized by the Commission's August 1, 1980 order in Docket No. CP80-435. 1/

The August 1, 1980 order established a special procedure to address the issues presented by the July 1st filing. The focus of this procedure was a series of technical conferences, and the process agreed on was to hold informational discussions off-the-record with a summary of these exchanges provided for the record by the presiding officer. The questions posed by the October 21, 1980 set of interrogatories were asked by the staff during the technical conferences and answered by Northwest Alaskan at that time. An examination by staff of its notes on the informal discussions and a review of the conference transcripts will provide staff with the information it seeks.

1/ Staff states in footnote 1 of its motion that it has served an additional set of interrogatories (December 5, 1980) and that the "time for response has not yet elapsed." Upon review of these particular interrogatories, Northwest Alaskan notes that these interrogatories as well were discussed at the technical conferences which the Alaskan Delegate commenced on September 3 and concluded on November 20, 1980.

The remaining questions posed by staff in the two sets of interrogatories go beyond the "limited purview of the subproceeding" as staff itself recognizes. Staff Motion at 1. As noted in its July 1, 1980 filing, Alaskan Northwest has not yet filed its financing plan and related economic materials. In its August 1, 1980 order the Commission "defer[red] such matters to a final certification proceeding which will be initiated upon submission of the financing plan." August 1 Order at 4-5 (footnote omitted). Since staff's unanswered questions relate to these types of concerns, Northwest Alaskan is unable to reply to questions that pertain to matters that are not part of the filed application. Northwest Alaskan will respond to the remaining questions at such time as it is able and when the questions posed correspond to the issues before the Commission.

Staff has filed a motion to compel replies to questions that Northwest Alaskan has already answered. Staff has received the information relevant to the certificate matters now pending before the Commission for decision. Therefore, since the relevant interrogatories have been answered, and the remaining questions are not ripe for Commission determination, the staff motion to compel should be denied.

Respectfully submitted,

William J. Grealis

Akin, Gump, Hauer & Feld
1333 New Hampshire Avenue, N.W.
Suite 400
Washington, D.C. 20036

Attorney for Northwest Alaskan
Pipeline Company

VERIFICATION

DISTRICT OF COLUMBIA) ss.

WILLIAM J. GREALIS being duly sworn, on oath, says that he is an attorney for Northwest Alaskan Pipeline Company; that he has read the foregoing Answer of Northwest Alaskan Pipeline Company to Commission Staff Motion to Compel and he is familiar with the contents thereof; that as an attorney, he has executed the same for and on behalf of said Company with full power and authority to do so; and that the matters set forth therein are true to the best of his information, knowledge and belief.

William J. Grealis

SUBSCRIBED AND SWORN TO before me this 29th day of December, 1980.

Sheila Lowenstein

Notary Public

My Commission Expires:

My Commission Expires April 30, 1984

CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing document upon all parties of record in Docket No. CP80-435 in accordance with the requirements of §1.17 of the Rules of Practice and Procedure.

Dated at Washington, D.C. this 29th day of December, 1980.

William J. Grealis

NORTHWEST ALASKAN PIPELINE COMPANY

1120 20th Street, N.W.
Suite S-700
Washington, D.C. 20036
(202) 872-0280
REA-80-1091

December 15, 1980

Mr. John B. Adger, Jr.
Alaskan Delegate to the
Federal Energy Regulatory Commission

Mr. Richard Berman
Director, Office of Cost
and Audit Analysis
Office of the Federal Inspector

Re: Alaskan Northwest Natural Gas Transportation Company
Docket No. CP80-435

Gentlemen:

On October 7, 1980, at Alaskan Northwest Natural Gas Transportation Company ("Alaskan Northwest") technical conference, the Office of the Federal Inspector ("OFI") presented two documents addressed to John Adger, Alaskan Delegate, wherein the subject matter was the Outstanding Design Issues Related to Alaskan Leg. The two documents reflected a total of twenty-five (25) issues.

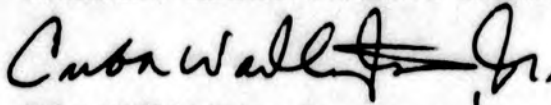
The OFI stated in the documents as well as orally that the design issues were the type of issues which Alaskan Northwest should consider during the detailed final design process.

Enclosed, pursuant to your request, is a copy of the Alaskan Northwest response to the detailed final design issues raised for consideration by the OFI.

If you have any questions regarding the enclosed material, please contact me.

Very truly yours,

NORTHWEST ALASKAN PIPELINE COMPANY



Cuba Wadlington, Jr.
Director, Regulatory Affairs

Enclosure

cc: Restricted Service List Docket No. CP80-435

RDM Index A SUBSIDIARY OF NORTHWEST ENERGY COMPANY

RESPONSES TO OFI SUMMARY REPORT
ON MAJOR OUTSTANDING DESIGN ISSUES
OCTOBER 1980

1. Design Criteria

We agree that definitive criteria for design of the gas pipeline are required wherever the alignment is adjacent to existing facilities. Criteria for the preliminary design are contained in the FERC filing and have been used as the starting point for the development of definitive criteria, which is now underway. These definitive criteria are required for all portions of the route.

2. 1980 Field Program

Field Programs, detailed procedures and concepts are developed primarily to support the design effort. They are important to the resolution of technical issues, particularly the frost heave testing, and the results will be applied to final design. The 1980 programs are almost completed as of this writing and the results are being utilized in design. The 1981 Field Programs are in the planning stage and the schedule for output from these tasks are being blended with the design schedule to make certain that the data acquisition is timely for final design.

3. Frost Heave Design

The criteria used to classify the existence and degree of frost heave potential and reported in the FERC filing documents, were on a preliminary basis. Work is continuing in this area - in the lab, in the field and in the office. The criteria are being confirmed so that a high degree of confidence can be placed in the definition of the extent of frost heave potential.

4. Steady-state Thermohydraulic Simulation

The steady-state thermohydraulic simulation program has been upgraded by coupling it with a geothermal program so that heat transfer in the soil can be calculated on a broader base. Also the input is improved as new data is received. As changes are made, the cost implications are evaluated and will be incorporated into the final design estimate.

5. Ditch Design and Stability

We agree that the number of miles of each ditch design type may conceivably change. Detail design is underway at the

present time. One purpose of this detail design effort is to "fine tune" the location of the different ditch types and assess the impacts on materials quantities and costs. Both plus and minus differences are anticipated with minimal net effect on the final cost.

6. Pipe Selection Criteria

The mainline pipe materials were discussed in the FERC Conferences and are recorded in Transcript Volume from October 23, 1980 pages 18 to 26.

7. Workpad Design

The separation distance of 200 feet between the gas pipeline and TAPS has been incorporated into the Reroute Filing submitted to the Alaskan Delegate in October 1980. The impact on the design of the pad and the changes in the quantities of materials are in this same filing. A thermal workpad is more costly than a structural workpad (\$437,000 per mile vs. \$150,000 per mile) and therefore the structural pad was selected for design. The criteria for the workpad, both north and south of the Brooks Range will be reviewed during the detail design phase.

8. Major River Crossings

We agree that major rivers require special designs. The field programs to collect data on these streams is 90 percent completed, and data is already being used by the design engineers. The design of the crossings and the protective structures is underway and will be completed during final design.

9. Minor Stream Crossings

Minor stream crossings are being analyzed in the detail design phase to assess the probabilities for the formation of frost bulbs around the pipe. If a set of conditions is found that would result in the blockage of a stream, design alternatives will be utilized to avoid this situation. These alternatives include deeper burial and overhead structures

10. Thaw Settlement

Criteria for limiting thaw settlement during the dormant period have been developed and ditch configurations have been designed to control the thaw during this period. Type II A ditch will utilize a layer of insulation 1-1/2 to 3-1/2 inches thick in the ditch to control thaw. It also is a

shallow ditch with a berm over the top of the pipe. It will be used on the North Slope to minimize disturbance of permafrost. Type II B ditch will utilize a 5-inch layer of insulation in the ditch in permafrost areas south of the Brooks Range where the active layer is deeper than on the North Slope.

11. Special Construction Sites

Designs for special sites are being developed in the detail design phase. The Atigun Tunnel is under study. Two boreholes have been completed along the trace of the primary site for this tunnel and several additional boreholes are scheduled to be drilled in 1981. The present design contemplates installing the pipeline over Atigun Pass. The estimated cost of a section of the system is \$43.7 million dollars in 1980 dollars. It is considered feasible to continue with this plan and meet necessary safety requirements. However, the tunnel will be thoroughly studied as a possible alternative to provide additional reliability at an acceptable cost.

The Yukon River Bridge is designed to accommodate at least one more pipeline. Negotiations are currently in progress with Aleyska and the State to utilize this bridge for the natural gas pipeline. Considerations which will be balanced are design, security, cost, and any potential delay arising from possible litigation. The alternative is a separate bridge.

12. Temporary Facilities

The renovation or replacement of the existing sewage treatment plants at the TAPS camps is under study in detail.

13. Winter Construction

The utilization of snow and ice materials for workpads and access roads has been analyzed and was discussed at the FERC Conferences (Transcript Volume from November 18, 1980.)

14. Compressor Stations

All aspects of the compressor station design are being given further considerations in the detail design phase including pressure relief, emergency blow downs, foundations, and valving. The cost effectiveness of the design will be analyzed during this phase also.

15. Communication System

The possible utilization of portions of existing communications systems is being considered in the detail design phase.

16. Proximity to the TAPS

The filing of a reroute with the Alaskan Delegate in October, 1980 implemented the 200-foot separation from TAPS. There are about 5 miles (in total) of the route that require a variance from this 200-foot requirement because the gas pipeline crosses TAPS or the terrain restricts the space available for the gas pipeline. These areas do require special attention and they have been discussed with TAPS. The detail design will reflect design to resolve any concerns.

17. Proximity to the Fuel Gas Line

The workpad has been designed to protect the fuel gas line from damage during construction. Blasting criteria have been discussed with TAPS and that issue has been resolved.

18. Location of Metering/Compressor Station

Combining the metering station at the Yukon border with the compressor station in that area raises the following problems:

- a. This is the custody transfer meter from NWA to Foothills and should take place as near the border as possible in order to properly establish responsibility for any lost or unaccounted for gas volumes. While it may not be possible to locate it exactly on the border because of soils conditions and access problems, the further west this station is moved, the more difficult it is to establish proper volumeter control and responsibility.
- b. Seven compressor stations are scheduled to be constructed initially. Compressor Station No. 15 (MP 685) will be the closest to the Yukon border initially. When Compressor Station No. 16 is constructed at MP 731 in the future, the meter station must be moved if it is initially located at No. 15.

Costs will not necessarily be reduced by locating the meter station at a compressor station. Site work must be studied in detail before the cost impact can be determined and the cost of one set of pig traps would be more than offset by the moving of the station from No. 15 to No. 16 in the future.

19. Cross Flow of Groundwater

The pipeline is designed to accommodate the passage of water across it. Surface water will be controlled by drainage structures. The passage of sub-surface water is being analyzed on a site specific basis to assess the probabilities for the formation of aufeis or ice dams. Where the indications are that the consequences will adversely impact adjacent structures or the environment, mitigative designs will be utilized such as deeper burial, sub-surface drainage structures or overhead structures for pipeline crossings of smaller streams.

20. Impact of Conditioning Plant Design on the Entire System

The processing and conditioning plant design is being coordinated with the pipeline system design. The most critical variables are pressure, temperature, gas quality and equipment reliability. The pressure and temperature are defined. Studies are in progress to assure that the plant and compression equipment on the pipeline are properly matched to provide appropriate reliability to meet service contractual requirements.

The gas quality is resolved with the exception of the permissible carbon dioxide content. The highest acceptable limit is approximately 3 percent without incurring undue corrosion risks and economic penalties. The lowest reasonable design level is about 1 percent. Therefore, studies are evaluating the optimum level between 1 and 3 percent.

21. Valve Spacing

Valve spacing cannot be increased because of the requirements of the Federal Code (49 CFR 182).

22. Additional Compressor Station Design Issues

The utilization of exhaust heat has been studied and maximized. In order to utilize the energy in the exhaust heat, an intermediate process would be necessary to convert it to a driving force for the refrigeration system. This would not be cost effective.

The use of the larger, more fuel efficient turbines create problems such as foundation requirements that make it more cost effective to use the lighter aircraft derivative drivers.

ORGANIZATIONAL AND SCHEDULE
RELATED ISSUES

1. Construction Management

During construction, multiple levels of the PMC organization with NWA oversight at these levels are necessary in order to have timely response to construction problems. Decision making about problems will be placed as close to the actual work as possible. This involves both PMC and NWA personnel. If a certain problem cannot be solved at a given level because of its size or complexity, and requires action at the next higher level, both PMC and NWA need representation there also so that time is not lost passing the problem through the entire organization.

2. Construction Schedules

The schedule for construction in ice rich soils has been planned for shoulder months and is shown on the March Charts along with the scheduling for the other construction. The limited time window for this activity has been taken into account. The construction across fish streams has also been scheduled in similar detail.

3. QA/QC Authorities

The QA/QC organization does not establish or modify specifications. They review specifications prepared by technical experts in each discipline, assess the quality requirements and recommend changes to the originator to clarify or simplify inspection requirements.

**PLEASE NOTE: THE FOLLOWING PAGES WERE TREATED
AS A UNIT IN THE ORIGINAL DOCUMENT**

STATE OF ALASKA

DEPARTMENT OF NATURAL RESOURCES

MINERALS AND ENERGY MANAGEMENT

019 PM
APR 29 1982
JAY S. HAMMOND, GOVERNOR

555 CORDOVA STREET
POUCH 7-005
ANCHORAGE, ALASKA 99510
(907) 276-2653

Phone: 276-2653

April 22, 1982

-NOTICE-

FINAL DECISION AND FINDING UNDER AS 38.05.035(a)(14) REGARDING PROPOSED OIL AND GAS LEASE SALE 37 Middle Tanana and Copper River Basins

The Department of Natural Resources, Division of Minerals and Energy Management (DMEM), gives formal notice under AS 38.05.345(a)(3) of its intention to make a final decision under AS 38.05.035(a)(14) regarding the sale of oil and gas leases in proposed Competitive Oil and Gas Lease Sale 37 (Middle Tanana and Copper River Basins). Before the sale may be held, the Director of the Division of Minerals and Energy Management must make a written final decision that the sale is in the best interest of the state. This decision, issued pursuant to AS 38.05.035(a)(14), will set out the facts and applicable law upon which the Director bases her determination that the sale of oil and gas leases in proposed sale 37 will or will not best serve the interests of the state. This final decision is expected to be available to the public in June, 1982.

A preliminary analysis of the potential effects of proposed sale 37 and the means by which they may be mitigated is now available at DMEM, 555 Cordova Street, Anchorage, Alaska. Copies of the analysis may be obtained by writing to DMEM at Pouch 7-005, Anchorage, Alaska, 99510. The public is invited to comment on any aspect of the sale including any proposed term or condition. Comments must be received at DMEM by May 21, 1982 in order to be considered in the final decision of whether or not to hold this sale. A preliminary tract map of the area also is available at DMEM. The social, economic, and environmental analysis (SEEA) of Sale 37 will be available on May 3, 1982 at DMEM.

Proposed sale 37 includes an area of approximately 861,000 acres. The sale is divided into two areas: the Middle Tanana Basin, including about 632,000 acres in the Nenana area; and the Copper River Basin, which includes about 228,000 acres west of Glennallen in the Lake Louise area.

The Tanana portion of the sale contains 156 proposed tracts. Communities near the Tanana tracts include the first class city of Nenana, the second class city of Anderson, the villages of Minto, Manley, Tanana, and the Clear military reservation. Access to the area is provided via the Parks Highway, the Alaska Railroad, and several "winter" roads.

The Copper River portion of Sale 37 contains 61 tracts. Eureka and Glennallen are near the sale area. Road access to the area is available from the Glenn Highway and the Lake Louise Road.

If a decision is made that the proposed sale is in the best interest of the state, an "Information to Bidders" packet will be sent to all persons on the DMEM mailing list in June, 1982. If a decision is made to hold the sale, it is tentatively scheduled to occur at the Travelers Inn in Fairbanks on August 24, 1982 in accordance with AS 38.05.180. If you want to place your name on the DMEM mailing list, contact DMEM at (907) 276-2653, extension 4247.



Kay Brown
Director

STATE OF ALASKA

SALE 37

**Middle Tanana Basin
and Copper River Basin**

PRELIMINARY TRACT LEGAL DESCRIPTIONS

April 22, 1982

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				100000	00-600	1TV	*2	0071000
				100000	00-600	1TV	*3	0071000

T. J. E., A. 7 E., MICHIGAN (1900)

[illegible]

Only these countries 1999-15 were not or less:

INDEX 57-663

T. A. L., A. O. L., PALMISTON HOSPITAL

Section 13, ALI, 600.00 each.
This tract contains 600.00 acres more or less.
TRACT 37-400
T. 1 S., R. 9 E., PLAINFIELD TOWNSHIP

[illegible][illegible]

DATE OF INFO.

INVEST 37-000

T. J. E., R. J. W., FALCONER HEDLEY

Section 19	Pre-2000	41	36	00	000000
Section 20	Pre-2000	41	41	00	000000
Section 21	Pre-2000	41	41	00	000000
Section 22	Pre-2000	41	44	00	000000
Section 23	Pre-2000	41	44	00	000000
Section 24	Pre-2000	41	41	00	000000
Section 25	Pre-2000	41	41	00	000000
Section 26	Pre-2000	41	41	00	000000
Section 27	Pre-2000	41	41	00	000000
Section 28	Pre-2000	41	41	00	000000
Section 29	Pre-2000	41	41	00	000000
Section 30	Pre-2000	41	41	00	000000
Section 31	Pre-2000	41	41	00	000000
Section 32	Pre-2000	41	41	00	000000

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T. J. S., R. 10 W., PALMER PARK

133

Section 21	44,888
Section 22	44,888
Section 23	44,888
Section 24	44,888

SortLen 22	ProctLen 41	ColLen 64	ColLen 64
SortLen 23	ProctLen 41	ColLen 64	ColLen 64
SortLen 24	ProctLen 41	ColLen 64	ColLen 64
SortLen 25	ProctLen 41	ColLen 64	ColLen 64
SortLen 26	ProctLen 41	ColLen 64	ColLen 64
SortLen 27	ProctLen 41	ColLen 64	ColLen 64
SortLen 28	ProctLen 41	ColLen 64	ColLen 64
SortLen 29	ProctLen 41	ColLen 64	ColLen 64
SortLen 30	ProctLen 41	ColLen 64	ColLen 64

1998

INVESTIGATION

Section 19, 300.00 annual
 Section 20, 440.00 annual
 Section 21, 440.00 annual
 Protection, All, 300.00 annual
 Protection, All, 440.00 annual
 Protection, All, 440.00 annual

1990-1991

T. 2 S., R. 9 W., PARKERSBURG MERIDIAN

This trust contains 250.00 acres more or less.

T. 2 S., R. 9 W., FARMING HERDSMAN

This trust contains 2500.00 euros more or less.

T. 2 S., R. 9 W., FARMERS MERIDIAN

This tract contains 2491.00 acres more or less.

T. 2 S., R. 9 W., FARMERS MERIDIAN

This tract contains 2900.00 acres or less.

T. 2 S., R. 9 W., FAIRBANKS MERIDIAN

This tract contains 2562.00 acres more or less.

T. 2 S., R. 9 W., FAIRBANKS MERIDIAN

This tract contains 2560.00 acres more or less.

T. 2 S., R. 10 W., FAIRMOUNT MERIDIAN

This tract contains 2362.00 acres more or less.

T. 2 S., R. 10 W., FARMERS MERIDIAN

This trust contains 250.00 acres more or less.

T. 2 S., R. 10 W., PARKERSBURG, IOWA

This tract contains 2400.00 acres more or less.

T. 2 S., R. 10 W., FAIRBANKS MERIDIAN

This trust contains 2000.00 acres more or less.

T. 2 S., R. 10 W., FAIRBANKS MERIDIAN

This tract contains 2500.00 acres more or less.

T. 2 S., R. 10 W., FRANKLIN MERIDIAN

This tract contains 2500.00 acres more or less.

T. 2 S., R. 10 W., FAIRBANKS MERIDIAN

This trust contains 2343.00 acres more or less.

T. 2 S., R. 10 W., FAIRBANKS MERIDIAN

This tract contains 2500.00 acres more or less.

T. 2 S., R. 10 W., PARKS MERIDIAN

This tract contains 2000.00 acres more or less.

T. 2 S., R. 11 W., FAIRBANKS MERIDIAN

Section 1,	Protectant,	All,	648.00	cents
Section 2,	Protectant,	All,	648.00	cents
Section 3,	Protectant,	All,	648.00	cents
Section 10,	Protectant,	All,	648.00	cents
Section 11,	Protectant,	All,	648.00	cents
Section 12,	Protectant,	All,	648.00	cents
Section 13,	Protectant,	All,	648.00	cents
Section 14,	Protectant,	All,	648.00	cents
Section 15,	Protectant,	All,	648.00	cents

1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 26

R. J. E., R. M. E., R. M. E.

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T. Z. S., A. L. K., M. S. S.

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T. J. E., R. J. H., J. H. H., J. H. H.

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7.25. A. H. H., PAVLOVOE KOLLEKUM

Section 4	Permitted	41	44.00	00000
Section 5	Permitted	41	44.00	00000
Section 6	Permitted	41	47.00	00000
Section 7	Permitted	41	47.00	00000
Section 8	Permitted	41	44.00	00000
Section 9	Permitted	41	44.00	00000

T. J. G., R. H. W., P. A. S.

This trust contains 3794.00 acres more or less.

INDEX 17-0000

T. J. S., R. L. W., FALCONER, M. J.

Section 17.	protected.	All.	440.00	same.
Section 18.	protected.	All.	421.00	same.
Section 19.	protected.	All.	427.00	same.
Section 20.	protected.	All.	440.00	same.

T. J. S., R. L. W., FARMERS MARKET

THIS COURT ORDERS \$254.00 AWARDS EACH OF LOSS.

INDEX 37-030

T. J. S., A. L. W., FALCONER MEMORIAL

T. J. S., R. L. W., FALCONER HERRING

Section 15,	Protestant,	All,	640.00	620001
Section 16,	Protestant,	All,	640.00	620001
Section 21,	Protestant,	All,	640.00	620001
Section 22,	Protestant,	All,	640.00	620001
			640.00	620001

INCE 37-001

T. J. S., R. L. W., FARMERS UNION

Section 15.	Protestant.	All.	640.00	20000
Section 16.	Protestant.	All.	640.00	20000
Section 23.	Protestant.	All.	640.00	20000
Section 24.	Protestant.	All.	640.00	20000

T. J. S., R. L. W., FALCONER KENDALL

Section 23.	Proctarian, All.	640.00	actro1
Section 24.	Proctarian, All.	640.00	actro1
Section 35.	Proctarian, All.	640.00	actro1
Section 36.	Proctarian, All.	640.00	actro1

T. J. S., A. L. H., FADREDOUS MORTIMER

INVEST 37-002

This great savings ends 12:00 AM on Nov. 15.

T. J. S., R. H. H., PATRICK HENNING

This basket contains 2500.00 euros more or less.

T. J. S., R. L. W., FARMING MICHIGAN

This trust contains \$100.00 more or less.

T. 3 S., R. 12 W., PARKERSBURG MERIDIAN

This trust contains 2012.00 acres more or less.

T. 3 S., R. 12 W., FAIRBANKS MERIDIAN

This trust contains 2500.00 shares each of 1000.

T. 3 S., R. 12 W., FAIRBANKS MERIDIAN

This trust contains \$240.00 more than or less.

T. 3 S., R. 12 W., FAIRBANKS MERIDIAN

this trust contains \$1042.00 seven four or less.

T. 3 S., R. 12 W., FAIRBANKS MERIDIAN

THIS COURT REPORTER 3187 ON APRIL FOUR OF 1968

T. 4 S., R. 9 W., FRANKLIN COUNTY

This trust contains 5702.00 acres more or less.

T. A. S., R. 9 W., FAIRBANKS DISTRICT

This trust contains \$734.00 or less or none.

T. 4 S., R. 9 W., FARMING MEADOWS

This trust contains 5763.00 acres more or less.

T. 4 S., R. 9 W., FAIRBANKS MERIDIAN

Section 22, All, as shown on State of Alaska Supplemental Township plat, prepared April 1982, 640.00 acres;
Section 23, All, as shown on State of Alaska Supplemental Township plat, prepared April 1982, 640.00 acres;
Section 24, All, as shown on State of Alaska Supplemental Township plat, prepared April 1982, 640.00 acres;
Section 25, All, as shown on State of Alaska Supplemental Township plat, prepared April 1982, 640.00 acres;
Section 26, All, as shown on State of Alaska Supplemental Township plat, prepared April 1982, 640.00 acres;
Section 27, All, as shown on State of Alaska Supplemental Township plat, prepared April 1982, 640.00 acres;
Section 34, All, as shown on State of Alaska Supplemental Township plat, prepared April 1982, 640.00 acres;
Section 35, All, as shown on State of Alaska Supplemental Township plat, prepared April 1982, 640.00 acres;
Section 36, All, as shown on State of Alaska Supplemental Township plat, prepared April 1982, 640.00 acres.

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T. 4 S., R. 11 W., RANGE 10E

[illegible]

This tract contains 5731.00 acres more or less.

WGET 37-071

T. A. S., R. L. W., FARMERS' MEDICAL

Section	Pre-1920s	1920s-1940s	1940s-1960s	1960s-1980s	1980s-2000s	2000s-Present
Section 22	11	11	11	11	11	11
Section 23	11	11	11	11	11	11
Section 24	11	11	11	11	11	11
Section 25	11	11	11	11	11	11
Section 26	11	11	11	11	11	11
Section 27	11	11	11	11	11	11
Section 28	11	11	11	11	11	11
Section 29	11	11	11	11	11	11
Section 30	11	11	11	11	11	11

This trust contains \$700.00 cash more or less.

TRACT 57-072

T. & S.: R. 12 W., RANGERS HILL

Section 1, Protected, All, 640.00 acres;
Section 2, Protected, All, 640.00 acres;
Section 11, Protected, All, 640.00 acres;
Section 12, Protected, All, 640.00 acres.

This tract contains 2500.00 acres more or less.

TWIST 37-0773

T. A. S., R. 12 W., FAIRBANKS, ALASKA

Section 3,	Pre-treated,	All,	640.00	acres;
Section 4,	Pre-treated,	All,	640.00	acres;
Section 9,	Pre-treated,	All,	640.00	acres;
Section 10,	Pre-treated,	All,	640.00	acres.

This trust contains 250.00 shares more or less.

TRACT 37-07A

T. & S., R. 12 W., FAIRBANKS, ALASKA

Section 5,	Pre-treated,	All,	640.00	acres;
Section 6,	Pre-treated,	All,	67.00	acres;
Section 7,	Pre-treated,	All,	63.00	acres;
Section 8,	Pre-treated,	All,	640.00	acres.

This tract contains 2340.00 acres more or less.

TMGT 37-973

T. A. S., R. 12 W., FARMERS HOMELAND

Section 17.	Protracted, All.	640.00 acres.
Section 18.	Protracted, All.	63.00 acres.
Section 19.	Protracted, All.	63.00 acres.
Section 20.	Protracted, All.	640.00 acres.

This tract contains 2346.00 acres more or less.

TRACT 37-976

T. O'S. - R. 12 W. - FAIRBANKS, MINN.

Section 15, Pretestes, All, 640.00 acres;
Section 16, Pretestes, All, 640.00 acres;
Section 21, Pretestes, All, 640.00 acres;
Section 22, Pretestes, All, 640.00 acres.

TRACT 37-077

T. 4 S., R. 12 W., FAIRBANKS MERIDIAN

Section 13, Pretrustered, All, 640.00 acres;
 Section 14, Pretrustered, All, 640.00 acres;
 Section 23, Pretrustered, All, 640.00 acres;
 Section 24, Pretrustered, All, 640.00 acres.

This tract contains 2560.00 acres more or less.

TRACT 37-078

T. 4 S., R. 12 W., FAIRBANKS MERIDIAN

Section 25, Pretrustered, All, 640.00 acres;
 Section 26, Pretrustered, All, 640.00 acres;
 Section 35, Pretrustered, All, 640.00 acres;
 Section 36, Pretrustered, All, 640.00 acres.

This tract contains 2560.00 acres more or less.

TRACT 37-079

T. 4 S., R. 12 W., FAIRBANKS MERIDIAN

Section 27, Pretrustered, All, 640.00 acres;
 Section 28, Pretrustered, All, 640.00 acres;
 Section 33, Pretrustered, All, 640.00 acres;
 Section 34, Pretrustered, All, 640.00 acres.

This tract contains 2560.00 acres more or less.

TRACT 37-080

T. 4 S., R. 12 W., FAIRBANKS MERIDIAN

Section 29, Pretrustered, All, 640.00 acres;
 Section 30, Pretrustered, All, 637.00 acres;
 Section 31, Pretrustered, All, 639.00 acres;
 Section 32, Pretrustered, All, 640.00 acres.

This tract contains 2596.00 acres more or less.

TRACT 37-081

T. 4 S., R. 13 W., FAIRBANKS MERIDIAN

Section 1, Pretrustered, All, 640.00 acres;
 Section 12, Pretrustered, All, 640.00 acres.

This tract contains 1280.00 acres more or less.

TRACT 37-082

T. 4 S., R. 13 W., FAIRBANKS MERIDIAN

Section 15, Pretrustered, All, 640.00 acres;
 Section 22, Pretrustered, All, 640.00 acres.

This tract contains 1280.00 acres more or less.

TRACT 37-083

T. 4 S., R. 13 W., FAIRBANKS MERIDIAN

Section 13, Pretrustered, All, 640.00 acres;
 Section 14, Pretrustered, All, 640.00 acres;
 Section 23, Pretrustered, All, 640.00 acres;
 Section 24, Pretrustered, All, 640.00 acres.

This tract contains 2560.00 acres more or less.

TRACT 37-084

T. 4 S., R. 13 W., FAIRBANKS MERIDIAN

Section 25, Pretrustered, All, 640.00 acres;
 Section 26, Pretrustered, All, 640.00 acres;
 Section 35, Pretrustered, All, 640.00 acres;
 Section 36, Pretrustered, All, 640.00 acres.

This tract contains 2560.00 acres more or less.

TRACT 37-085

T. 5 S., R. 9 W., FAIRBANKS MERIDIAN

Section 37, All, 640.00 acres.

This tract contains 640.00 acres more or less.

TRACT 37-086

T. 5 S., R. 9 W., FAIRBANKS MERIDIAN

Section 1, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres;
 Section 2, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres;
 Section 3, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres;
 Section 10, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres.

This tract contains 2572.00 acres more or less.

TRACT 37-087

T. 5 S., R. 9 W., FAIRBANKS MERIDIAN

Section 4, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 642.00 acres;
 Section 5, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 641.00 acres;
 Section 6, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 614.00 acres;
 Section 7, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 618.00 acres;
 Section 8, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres;
 Section 9, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres.

This tract contains 3797.00 acres more or less.

TRACT 37-088

T. 5 S., R. 9 W., FAIRBANKS MERIDIAN

Section 16, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres;
 Section 17, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres;
 Section 18, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 620.00 acres;
 Section 19, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 622.00 acres;
 Section 20, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres;
 Section 21, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres.

This tract contains 3882.00 acres more or less.

TRACT 37-089

T. 5 S., R. 9 W., FAIRBANKS MERIDIAN

Section 13, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres;
 Section 14, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres;
 Section 15, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres;
 Section 22, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres;
 Section 23, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres;
 Section 24, All, as shown on State of Alaska Supplemental Township
 plat prepared April, 1982, 640.00 acres.

This tract contains 3840.00 acres more or less.

T. S. L. R. S. L. PROGRESS REPORT

This trust contains 2040.00 hours more or less.

T. 3 S., R. 9 W., FAIRBANKS MERIDIAN

This trust contains 1263.00 acres more or less.

T. 5 S., R. 10 W., FAIRBANKS MERIDIAN

This tract contains 3840.00 acres more or less.

T. 5 S., R. 10 W., FAIRBANKS MERIDIAN

This tract contains 3840.00 acres more or less.

T. 5 S., R. 10 W., FAIRBANKS MERIDIAN

This tract contains 3006.00 acres more or less.

T. 3 S., R. 20 W., FRANKLIN COUNTY, IOWA

This tract contains 4342.00 acres more or less.

T. 2 S., R. 10 W., FARMING MEXICAN

This tract contains 3840.00 acres more or less.

T. 9 S., R. 10 W., FAIRBANKS MERIDIAN

This tract contains 3840.00 acres more or less.

T. 9 S., R. 11 W., FAIRBANKS MERIDIAN

This tract contains 5760.00 acres more or less.

T. 9 S., R. 11 W., FAIRMONT MERIDIAN

This tract contains 565.37 acres more or less.

T. J. E., R. H. B., M. J. B.

THIS TRACT CONTAINS 3643.00 ACRES MORE OR LESS.

T. J. S., R. L. W., FALCONER HUNTER

THIS TRACT CONTAINS 3768.00 ACRES MORE OR LESS.

TRACT 37-102

T. J. S., R. 12 W., PALMER PARK

THIS TRACT CONTAINS 5760.00 ACRES MORE OR LESS.

INVEST 57-100

T. J. S., A. L. M., P. J. S. M. J.

This Trust contains \$673.00 or more or less.

INDEX 37-106

T. J. S., R. 12 W., 7th Ave. N. E.

THE TRUST CONTAINS \$643.00 NET OF LOSS.

INVEST 57-103

T. J. S., R. L. W., FARMERS UNION

This tract contains 5760.00 acres more or less.

T. G. S., R. D. H., FARMERS' UNION

THIS TRUCK CARRIES 3,000.00 GALLONS OF LUB.

THIS TRUCK CONTAINS 3400.00 GROSS WEIGHT OF LUMBER.
INVEST 37-107

T. 63, R. 20 W., PLANNED RESERVATION

This Trust contains \$64.00 more or less.

INCE 57-108

T. 6 S., R. 10 W., T12N24W

This Trust contains \$679.00 or more or less.

INVEST 37-109

T. G. S., R. D. W., FARMERS HOLDING

This Trust contains \$760.00 or more or less.

INDEX 37-110

T. 6 S., R. 11 W., RANGE 100TH

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INDEX 37-1111

T. 6 S., R. 11 W., TARRANTS NEIGHBORHOOD

1. 32, 2. 32, 3. 32, 4. 32, 5. 32, 6. 32, 7. 32, 8. 32, 9. 32, 10. 32, 11. 32, 12. 32, 13. 32, 14. 32, 15. 32, 16. 32, 17. 32, 18. 32, 19. 32, 20. 32, 21. 32, 22. 32, 23. 32, 24. 32, 25. 32, 26. 32, 27. 32, 28. 32, 29. 32, 30. 32, 31. 32, 32. 32, 33. 32, 34. 32, 35. 32, 36. 32, 37. 32, 38. 32, 39. 32, 40. 32, 41. 32, 42. 32, 43. 32, 44. 32, 45. 32, 46. 32, 47. 32, 48. 32, 49. 32, 50. 32, 51. 32, 52. 32, 53. 32, 54. 32, 55. 32, 56. 32, 57. 32, 58. 32, 59. 32, 60. 32, 61. 32, 62. 32, 63. 32, 64. 32, 65. 32, 66. 32, 67. 32, 68. 32, 69. 32, 70. 32, 71. 32, 72. 32, 73. 32, 74. 32, 75. 32, 76. 32, 77. 32, 78. 32, 79. 32, 80. 32, 81. 32, 82. 32, 83. 32, 84. 32, 85. 32, 86. 32, 87. 32, 88. 32, 89. 32, 90. 32, 91. 32, 92. 32, 93. 32, 94. 32, 95. 32, 96. 32, 97. 32, 98. 32, 99. 32, 100. 32, 101. 32, 102. 32, 103. 32, 104. 32, 105. 32, 106. 32, 107. 32, 108. 32, 109. 32, 110. 32, 111. 32, 112. 32, 113. 32, 114. 32, 115. 32, 116. 32, 117. 32, 118. 32, 119. 32, 120. 32, 121. 32, 122. 32, 123. 32, 124. 32, 125. 32, 126. 32, 127. 32, 128. 32, 129. 32, 130. 32, 131. 32, 132. 32, 133. 32, 134. 32, 135. 32, 136. 32, 137. 32, 138. 32, 139. 32, 140. 32, 141. 32, 142. 32, 143. 32, 144. 32, 145. 32, 146. 32, 147. 32, 148. 32, 149. 32, 150. 32, 151. 32, 152. 32, 153. 32, 154. 32, 155. 32, 156. 32, 157. 32, 158. 32, 159. 32, 160. 32, 161. 32, 162. 32, 163. 32, 164. 32, 165. 32, 166. 32, 167. 32, 168. 32, 169. 32, 170. 32, 171. 32, 172. 32, 173. 32, 174. 32, 175. 32, 176. 32, 177. 32, 178. 32, 179. 32, 180. 32, 181. 32, 182. 32, 183. 32, 184. 32, 185. 32, 186. 32, 187. 32, 188. 32, 189. 32, 190. 32, 191. 32, 192. 32, 193. 32, 194. 32, 195. 32, 196. 32, 197. 32, 198. 32, 199. 32, 200. 32, 201. 32, 202. 32, 203. 32, 204. 32, 205. 32, 206. 32, 207. 32, 208. 32, 209. 32, 210. 32, 211. 32, 212. 32, 213. 32, 214. 32, 215. 32, 216. 32, 217. 32, 218. 32, 219. 32, 220. 32, 221. 32, 222. 32, 223. 32, 224. 32, 225. 32, 226. 32, 227. 32, 228. 32, 229. 32, 230. 32, 231. 32, 232. 32, 233. 32, 234. 32, 235. 32, 236. 32, 237. 32, 238. 32, 239. 32, 240. 32, 241. 32, 242. 32, 243. 32, 244. 32, 245. 32, 246. 32, 247. 32, 248. 32, 249. 32, 250. 32, 251. 32, 252. 32, 253. 32, 254. 32, 255. 32, 256. 32, 257. 32, 258. 32, 259. 32, 260. 32, 261. 32, 262. 32, 263. 32, 264. 32, 265. 32, 266. 32, 267. 32, 268. 32, 269. 32, 270. 32, 271. 32, 272. 32, 273. 32, 274. 32, 275. 32, 276. 32, 277. 32, 278. 32, 279. 32, 280. 32, 281. 32, 282. 32, 283. 32, 284. 32, 285. 32, 286. 32, 287. 32, 288. 32, 289. 32, 290. 32, 291. 32, 292. 32, 293. 32, 294. 32, 295. 32, 296. 32, 297. 32, 298. 32, 299. 32, 300. 32, 301. 32, 302. 32, 303. 32, 304. 32, 305. 32, 306. 32, 307. 32, 308. 32, 309. 32, 310. 32, 311. 32, 312. 32, 313. 32, 314. 32, 315. 32, 316. 32, 317. 32, 318. 32, 319. 32, 320. 32, 321. 32, 322. 32, 323. 32, 324. 32, 325. 32, 326. 32, 327. 32, 328. 32, 329. 32, 330. 32, 331. 32, 332. 32, 333. 32, 334. 32, 335. 32, 336. 32, 337. 32, 338. 32, 339. 32, 340. 32, 341. 32, 342. 32, 343. 32, 344. 32, 345. 32, 346. 32, 347. 32, 348. 32, 349. 32, 350. 32, 351. 32, 352. 32, 353. 32, 354. 32, 355. 32, 356. 32, 357. 32, 358. 32, 359. 32, 360. 32, 361. 32, 362. 32, 363. 32, 364. 32, 365. 32, 366. 32, 367. 32, 368. 32, 369. 32, 370. 32, 371. 32, 372. 32, 373. 32, 374. 32, 375. 32, 376. 32, 377. 32, 378. 32, 379. 32, 380. 32, 381. 32, 382. 32, 383. 32, 384. 32, 385. 32, 386. 32, 387. 32, 388. 32, 389. 32, 390. 32, 391. 32, 392. 32, 393. 32, 394. 32, 395. 32, 396. 32, 397. 32, 398. 32, 399. 32, 400. 32, 401. 32, 402. 32, 403. 32, 404. 32, 405. 32, 406. 32, 407. 32, 408. 32, 409. 32, 410. 32, 411. 32, 412. 32, 413. 32, 414. 32, 415. 32, 416. 32, 417. 32, 418. 32, 419. 32, 420. 32, 421. 32, 422. 32, 423. 32, 424. 32, 425. 32, 426. 32, 427. 32, 428. 32, 429. 32, 430. 32, 431. 32, 432. 32, 433. 32, 434. 32, 435. 32, 436. 32, 437. 32, 438. 32, 439. 32, 440. 32, 441. 32, 442. 32, 443. 32, 444. 32, 445. 32, 446. 32, 447. 32, 448. 32, 449. 32, 450. 32, 451. 32, 452. 32, 453. 32, 454. 32, 455. 32, 456. 32, 457. 32, 458. 32, 459. 32, 460. 32, 461. 32, 462. 32, 463. 32, 464. 32, 465. 32, 466. 32, 467. 3

[illegible]

This book contains 200.00 words over 6 levels.

INDEX 57-144

T. S. S., R. 13 W., PAUMotu DISTRICT

Section 17	Procedural	AI	3/26/09
Section 28	Procedural	AI	3/26/09
Section 15	Procedural	AI	3/26/09
Section 34	Procedural	AI	3/26/09

67-15 1500

T. S. S. R. 13 N., PALMERS HILL

Section 25,	Protestant	111	110.00	10001
Section 25,	Protestant	111	108.00	10002
Section 21,	Protestant	111	103.00	10003
Section 25,	Protestant	111	100.00	10004

This trust contains 200.00 units more or less.

INVEST 57-146

T. 6 S., R. 13 W., PAJUNAWAN DISTRICT

Section 1 _a	Predictions	All	GAS CO access
Section 2 _a	Predictions	All	GAS CO access
Section 3 _a	Predictions	All	GAS CO access
Section 10 _a	Predictions	All	GAS CO access
Section 11 _a	Predictions	All	GAS CO access
Section 12 _a	Predictions	All	GAS CO access
Section 13 _a	Predictions	All	GAS CO access
Section 14 _a	Predictions	All	GAS CO access
Section 15 _a	Predictions	All	GAS CO access

This treat contains 5700.00 cards more or less.

TRACET 57-147

T. G. S., A. L. W., FARMERS' MARK

Section 4,	Pretestes,	All,	640.00	correct
Section 5,	Pretestes,	All,	640.00	correct
Section 6,	Pretestes,	All,	640.00	correct
Section 7,	Pretestes,	All,	640.00	correct
Section 8,	Pretestes,	All,	640.00	correct
Section 9,	Pretestes,	All,	640.00	correct
Section 10,	Pretestes,	All,	640.00	correct
Section 11,	Pretestes,	All,	640.00	correct
Section 12,	Pretestes,	All,	640.00	correct
Section 13,	Pretestes,	All,	640.00	correct
Section 14,	Pretestes,	All,	640.00	correct
Section 15,	Pretestes,	All,	640.00	correct
Section 16,	Pretestes,	All,	640.00	correct
Section 17,	Pretestes,	All,	640.00	correct
Section 18,	Pretestes,	All,	640.00	correct

TRACT 37-140

This trust contains \$641.00 euros more or less.

Section 19. Pretreated, All, \$11.00 each;

TRACT 32-141

T. S. S. N. 13 W., FAIRBANKS MARILAN

Section 19	Pretest on	All	41.1.00	correct
Section 20	Pretest on	All	64.0.00	correct
Section 21	Pretest on	All	64.0.00	correct
Section 22	Pretest on	All	64.0.00	correct
Section 23	Pretest on	All	64.0.00	correct
Section 24	Pretest on	All	64.0.00	correct
Section 25	Pretest on	All	64.0.00	correct
Section 26	Pretest on	All	64.0.00	correct
Section 27	Pretest on	All	64.0.00	correct
Section 28	Pretest on	All	64.0.00	correct
Section 29	Pretest on	All	64.0.00	correct
Section 30	Pretest on	All	64.0.00	correct
Section 31	Pretest on	All	41.3.00	correct
Section 32	Pretest on	All	64.0.00	correct
Section 33	Pretest on	All	64.0.00	correct

This treat contains \$679.00 across more or less.

INAC 37-149

T. 63. N. 13 W., RANGE 13 N. 13 W.

Section 22	Pre-Tested	All	640.00	62991
Section 23	Pre-Tested	All	640.00	62992
Section 24	Pre-Tested	All	640.00	62993
Section 25	Pre-Tested	All	640.00	62994
Section 26	Pre-Tested	All	640.00	62995
Section 27	Pre-Tested	All	640.00	62996
Section 28	Pre-Tested	All	640.00	62997
Section 29	Pre-Tested	All	640.00	62998
Section 30	Pre-Tested	All	640.00	62999

This limited warranty shall be null and void if the product is used for any purpose other than that intended by the manufacturer.

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T. J. M., R. G. W., C. W. W.

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Full Time: contains 100.00 cases min or less.

2017

T. 3 N., R. 6 W., CORNER SIXTH AND

Section 14	Protestant	All	648.00	600000
Section 17	Protestant	All	648.00	600000
Section 18	Protestant	All	648.00	600000
Section 19	Protestant	All	653.00	600000
Section 20	Protestant	All	648.00	600000
Section 21	Protestant	All	648.00	600000

This Trust contains \$250.00 more than of Last.

72-173

T. S. M., R. 6 W., COWLEY ALVER HARBOR

Section 13,	Protestant,	All,	640.00	none;
Section 14,	Protestant,	All,	640.00	none;
Section 15,	Protestant,	All,	640.00	none;
Section 22,	Protestant,	All,	640.00	none;
Section 23,	Protestant,	All,	640.00	none;
Section 24,	Protestant,	All,	640.00	none.

This tract contains 340.00 acres more or less.

TWIST 37-173

T. 3 N., R. 6 W., COPPER RIVER DISTRICT

Section 25,	Pre-treated,	Al,	640.00	none;
Section 26,	Pre-treated,	Al,	640.00	active;
Section 27,	Pre-treated,	Al,	640.00	neutral
Section 33,	Pre-treated,	Al,	640.00	none;
Section 34,	Pre-treated,	Al,	640.00	none;
Section 36,	Pre-treated,	Al,	640.00	active.

This Trust contains \$640.00 across more or less.

INVEST 57-170

T. S. M., R. 6 W., COPPER RIVER DISTRICT

Section 28,	Protrusion,	Al.,	640.00	acres;
Section 29,	Protrusion,	Al.,	640.00	acres;
Section 30,	Protrusion,	Al.,	637.00	acres;
Section 31,	Protrusion,	Al.,	639.00	acres;
Section 32,	Protrusion,	Al.,	640.00	acres;
Section 33,	Protrusion,	Al.,	640.00	acres.

This Tract contains 3036.00 acres more or less.

TWIST 37-173

T. S. M., A. 7 W., COPPER RIVER MOUNTAINS

Section 1.	Protrusion.	All.	60.00	acres.
Section 2.	Protrusion.	All.	60.00	acres.
Section 3.	Protrusion.	All.	60.00	acres.
Section 4.	Protrusion.	All.	60.00	acres.
Section 5.	Protrusion.	All.	60.00	acres.
Section 6.	Protrusion.	All.	60.00	acres.
Section 7.	Protrusion.	All.	60.00	acres.
Section 8.	Protrusion.	All.	60.00	acres.
Section 9.	Protrusion.	All.	60.00	acres.
Section 10.	Protrusion.	All.	60.00	acres.
Section 11.	Protrusion.	All.	60.00	acres.
Section 12.	Protrusion.	All.	60.00	acres.
Section 13.	Protrusion.	All.	60.00	acres.
Section 14.	Protrusion.	All.	60.00	acres.
Section 15.	Protrusion.	All.	60.00	acres.

This Trust contains 5760.00 acres more or less.

T. 5 M., R. 7 M., CUPPER RIVER MOUNTAIN

This Trust contains \$736.58 more or less.

T. 5 N., R. 7 W., COPPER RIVER MERIDIAN

This tract contains 5731.00 acres more or less.

T. 5 N., R. 7 W., COPPER RIVER MERIDIAN

This tract contains 5760.00 acres more or less.

T. S. M., R. & W., COPPER RIVER MERIDIAN

This tract contains 3040.00 acres more or less.

T. S. M., R. S. W., COPPER RIVER MERIDIAN

This tract contains 3840.00 acres more or less.

T. S. N., R. S. W., COPPER RIVER MERIDIAN

This tract contains 3014.03 acres more or less.

T. S. M., R. O. M., CUPPER ACERVA MEXICANA

This trust contains \$331.00 minus more or less.

T. S. N., R. S. W., COPPER RIVER MERIDIAN

This tract contains 3840.00 acres more or less.

T. 5 N., R. 8 W., COPPER RIVER MERIDIAN

This tract contains 3840.00 acres more or less.

T. 5 N., R. 9 W., COPPER RIVER MERIDIAN

This tract contains 3840.00 acres more or less.

T. 5 N., R. 9 W., COPPER RIVER MERIDIAN

This tract contains 3622.00 acres more or less.

T. 5 N., R. 9 W., CLIPPER RIVER MERIDIAN

This tract contains 3039.00 acres more or less.

TRACT 37-148

T. 5 N., R. 9 W., COPPER RIVER MERIDIAN

Section 13, Pretracted, All, 640.00 acres;
Section 14, Pretracted, All, 640.00 acres;
Section 15, Pretracted, All, 640.00 acres;
Section 22, Pretracted, All, 640.00 acres;
Section 23, Pretracted, All, 640.00 acres;
Section 24, Pretracted, All, 640.00 acres.

This tract contains 3840.00 acres more or less.

TRACT 37-149

T. 5 N., R. 9 W., COPPER RIVER MERIDIAN

Section 25, Pretracted, All, 640.00 acres;
Section 26, Pretracted, All, 640.00 acres;
Section 27, Pretracted, All, 640.00 acres;
Section 34, Pretracted, All, 640.00 acres;
Section 35, Pretracted, All, 640.00 acres;
Section 36, Pretracted, All, 640.00 acres.

This tract contains 3840.00 acres more or less.

TRACT 37-150

T. 5 N., R. 9 W., COPPER RIVER MERIDIAN

Section 28, Pretracted, All, 640.00 acres;
Section 29, Pretracted, All, 640.00 acres;
Section 30, Pretracted, All, 637.00 acres;
Section 31, Pretracted, All, 639.00 acres;
Section 32, Pretracted, All, 640.00 acres;
Section 33, Pretracted, All, 640.00 acres.

This tract contains 3836.00 acres more or less.

TRACT 37-151

T. 4 N., R. 7 W., COPPER RIVER MERIDIAN

Section 1, Pretracted, All, 640.00 acres;
Section 2, Pretracted, All, 640.00 acres;
Section 11, Pretracted, All, 640.00 acres;
Section 12, Pretracted, All, 640.00 acres.

This tract contains 2560.00 acres more or less.

TRACT 37-152

T. 4 N., R. 7 W., COPPER RIVER MERIDIAN

Section 3, Pretracted, All, 640.00 acres;
Section 4, Pretracted, All, 640.00 acres;
Section 5, Pretracted, All, 640.00 acres;
Section 6, Pretracted, All, 998.00 acres;
Section 7, Pretracted, All, 399.00 acres;
Section 8, Pretracted, All, 640.00 acres;
Section 9, Pretracted, All, 640.00 acres;
Section 10, Pretracted, All, 640.00 acres.

This tract contains 5037.00 acres more or less.

TRACT 37-153

T. 4 N., R. 7 W., COPPER RIVER MERIDIAN

Section 14, Pretracted, All, 640.00 acres;
Section 17, Pretracted, All, 640.00 acres;
Section 18, Pretracted, All, 641.00 acres;
Section 19, Pretracted, All, 603.00 acres;
Section 20, Pretracted, All, 640.00 acres;
Section 21, Pretracted, All, 640.00 acres.

This tract contains 3764.00 acres more or less.

TRACT 37-154

T. 4 N., R. 7 W., COPPER RIVER MERIDIAN

Section 13, Pretracted, All, 640.00 acres;
Section 14, Pretracted, All, 640.00 acres;
Section 15, Pretracted, All, 640.00 acres;
Section 22, Pretracted, All, 603.00 acres;
Section 23, Pretracted, All, 640.00 acres;
Section 24, Pretracted, All, 640.00 acres.

This tract contains 3840.00 acres more or less.

TRACT 37-155

T. 4 N., R. 7 W., COPPER RIVER MERIDIAN

Section 25, Pretracted, All, 640.00 acres;
Section 26, Pretracted, All, 640.00 acres;
Section 27, Pretracted, All, 640.00 acres;
Section 34, Pretracted, All, 640.00 acres;
Section 35, Pretracted, All, 640.00 acres;
Section 36, Pretracted, All, 640.00 acres.

This tract contains 3840.00 acres more or less.

TRACT 37-156

T. 4 N., R. 7 W., COPPER RIVER MERIDIAN

Section 28, Pretracted, All, 640.00 acres;
Section 29, Pretracted, All, 640.00 acres;
Section 30, Pretracted, All, 605.00 acres;
Section 31, Pretracted, All, 607.00 acres;
Section 32, Pretracted, All, 640.00 acres;
Section 33, Pretracted, All, 640.00 acres.

This tract contains 3772.00 acres more or less.

TRACT 37-157

T. 2 N., R. 8 W., COPPER RIVER MERIDIAN

Section 1, Pretracted, All, 640.00 acres;
Section 2, Pretracted, All, 640.00 acres;
Section 3, Pretracted, All, 640.00 acres;
Section 10, Pretracted, All, 640.00 acres;
Section 11, Pretracted, All, 640.00 acres;
Section 12, Pretracted, All, 640.00 acres.

This tract contains 3840.00 acres more or less.

TRACT 37-158

T. 2 N., R. 8 W., COPPER RIVER MERIDIAN

Section 4, Pretracted, All, 640.00 acres;
Section 5, Pretracted, All, 640.00 acres;
Section 6, Pretracted, All, 640.00 acres;
Section 7, 3734A, 4824 and 5437 within Section 6, 365.50 acres;
Section 8, Pretracted, All, 621.00 acres;
Section 9, Pretracted, All, 640.00 acres;
Section 10, Pretracted, All, 640.00 acres.

This tract contains 3766.50 acres more or less.

TRACT 37-159

T. 2 N., R. 8 W., COPPER RIVER MERIDIAN

Section 17, Pretracted, All, 640.00 acres;
Section 18, Pretracted, All, 623.00 acres;
Section 19, Pretracted, All, 623.00 acres;
Section 20, Pretracted, All, 640.00 acres.

This tract contains 2528.00 acres more or less.

TRACT 37-160

T. 2 N., R. 8 W., COPPER RIVER MERIDIAN

Section 13, Pretracted, All, 640.00 acres;
Section 16, Pretracted, All, 640.00 acres;
Section 21, Pretracted, All, 640.00 acres;
Section 22, Pretracted, All, 640.00 acres.

This tract contains 2560.00 acres more or less.

TRACT 37-20E

T. 2 N., R. 8 W., COPPER RIVER MERIDIAN

Section 13, Pretracted, All, 640.00 acres;
Section 14, Pretracted, All, 640.00 acres;
Section 23, Pretracted, All, 640.00 acres;
Section 24, Pretracted, All, 640.00 acres.

This tract contains 2560.00 acres more or less.

TRACT 37-20E

T. 2 N., R. 8 W., COPPER RIVER MERIDIAN

Section 25, Pretracted, All, 640.00 acres;
Section 26, Pretracted, All, 640.00 acres;
Section 33, Pretracted, All, 640.00 acres;
Section 34, Pretracted, All, 640.00 acres.

This tract contains 2560.00 acres more or less.

TRACT 37-20D

T. 2 N., R. 8 W., COPPER RIVER MERIDIAN

Section 27, Pretracted, All, 640.00 acres;
Section 28, Pretracted, All, 640.00 acres;
Section 33, Pretracted, All, 640.00 acres;
Section 34, Pretracted, All, 640.00 acres.

This tract contains 2560.00 acres more or less.

TRACT 37-20A

T. 2 N., R. 8 W., COPPER RIVER MERIDIAN

Section 29, Pretracted, All, 640.00 acres;
Section 30, Pretracted, All, 626.00 acres;
Section 31, Pretracted, All, 628.00 acres;
Section 32, Pretracted, All, 640.00 acres.

This tract contains 2534.00 acres more or less.

TRACT 37-20S

T. 4 N., R. 9 W., COPPER RIVER MERIDIAN

Section 1, Pretracted, All, 640.00 acres;
Section 2, Pretracted, All, 640.00 acres;
Section 3, Pretracted, All, 640.00 acres;
Section 10, Pretracted, All, 640.00 acres;
Section 11, Pretracted, All, 640.00 acres;
Section 12, Pretracted, All, 640.00 acres.

This tract contains 3840.00 acres more or less.

TRACT 37-20S

T. 4 N., R. 9 W., COPPER RIVER MERIDIAN

Section 4, Pretracted, All, 640.00 acres;
Section 5, Pretracted, All, 640.00 acres;
Section 6, Pretracted, All, 598.00 acres;
Section 7, Pretracted, All, 599.00 acres;
Section 8, Pretracted, All, 640.00 acres;
Section 9, Pretracted, All, 640.00 acres.

This tract contains 3737.00 acres more or less.

TRACT 37-20T

T. 4 N., R. 9 W., COPPER RIVER MERIDIAN

Section 14, Pretracted, All, 640.00 acres;
Section 17, Pretracted, All, 640.00 acres;
Section 18, Pretracted, All, 603.00 acres;
Section 19, Pretracted, All, 603.00 acres;
Section 20, Pretracted, All, 640.00 acres;
Section 21, Pretracted, All, 640.00 acres.

This tract contains 3764.00 acres more or less.

TRACT 37-20B

T. 4 N., R. 9 W., COPPER RIVER MERIDIAN

Section 13, Pretracted, All, 640.00 acres;
Section 14, Pretracted, All, 640.00 acres;
Section 15, Pretracted, All, 640.00 acres;
Section 22, Pretracted, All, 640.00 acres;
Section 23, Pretracted, All, 640.00 acres;
Section 24, Pretracted, All, 640.00 acres.

This tract contains 3840.00 acres more or less.

TRACT 37-20D

T. 4 N., R. 9 W., COPPER RIVER MERIDIAN

Section 25, Pretracted, All, 640.00 acres;
Section 26, Pretracted, All, 640.00 acres;
Section 27, Pretracted, All, 640.00 acres;
Section 34, Pretracted, All, 640.00 acres;
Section 35, Pretracted, All, 640.00 acres;
Section 36, Pretracted, All, 640.00 acres.

This tract contains 3840.00 acres more or less.

TRACT 37-21D

T. 4 N., R. 9 W., COPPER RIVER MERIDIAN

Section 28, Pretracted, All, 640.00 acres;
Section 29, Pretracted, All, 640.00 acres;
Section 30, Pretracted, All, 605.00 acres;
Section 31, Pretracted, All, 607.00 acres;
Section 32, Pretracted, All, 640.00 acres;
Section 33, Pretracted, All, 640.00 acres.

This tract contains 3772.00 acres more or less.

TRACT 37-21I

T. 2 N., R. 9 W., COPPER RIVER MERIDIAN

Section 1, Pretracted, All, containing that portion of U.S.S. 3637 and ACH within Section 1, 627.01 acres;
Section 2, Pretracted, All, 640.00 acres;
Section 3, Pretracted, All, 640.00 acres;
Section 10, Pretracted, All, 640.00 acres;
Section 11, Pretracted, All, 640.00 acres;
Section 12, Pretracted, All, 640.00 acres.

This tract contains 3827.01 acres more or less.

TRACT 37-21J

T. 2 N., R. 9 W., COPPER RIVER MERIDIAN

Section 4, Pretracted, All, containing U.S.S. 2919, 4862 Lots 1 and 3, and 3346, Lots 3, 4 and 5, and 161/4661/4, 489.21 acres;
Section 5, Pretracted, All, containing 61/2621/4621/4, 620.00 acres;
Section 6, Pretracted, All, containing that portion of U.S.S. 3637 within Section 6, 603.15 acres;
Section 7, Pretracted, All, 621.00 acres;
Section 8, Pretracted, All, 640.00 acres;
Section 9, Pretracted, All, 640.00 acres.

This tract contains 3535.36 acres more or less.

TRACT 37-21J

T. 2 N., R. 9 W., COPPER RIVER MERIDIAN

Section 17, Pretracted, All, 640.00 acres;
Section 18, Pretracted, All, 623.00 acres;
Section 19, Pretracted, All, 623.00 acres;
Section 20, Pretracted, All, 640.00 acres.

This tract contains 2528.00 acres more or less.

This tract contains 1894.00 acres more or less.

Section 29, Forested, All, 640.00 acres;
Section 30, Forested, All, 626.00 acres;
Section 31, Forested, All, 628.00 acres.

T. 2 N., R. 9 W., OPEN RIVER NEIGHBOR

TRACT 37-217

This tract contains 2340.00 acres more or less.

Section 32, Forested, All, 640.00 acres;
Section 33, Forested, All, 640.00 acres;
Section 34, Forested, All, 640.00 acres;
Section 35, Forested, 11/2, 120.00 acres.

T. 2 N., R. 9 W., OPEN RIVER NEIGHBOR

TRACT 37-218

This tract contains 1000.00 acres more or less.

Section 36, Forested, All, 640.00 acres;
Section 37, Forested, All, 640.00 acres;
Section 38, Forested, All, 640.00 acres;
Section 39, Forested, All, 640.00 acres;
Section 40, Forested, All, 640.00 acres;
Section 41, Forested, All, 640.00 acres.

T. 2 N., R. 9 W., OPEN RIVER NEIGHBOR

TRACT 37-219

This tract contains 2000.00 acres more or less.

Section 42, Forested, 11/2, 120.00 acres;
Section 43, Forested, All, 640.00 acres;
Section 44, Forested, All, 640.00 acres;
Section 45, Forested, All, 640.00 acres;
Section 46, Forested, All, 640.00 acres;
Section 47, Forested, All, 640.00 acres.

T. 2 N., R. 9 W., OPEN RIVER NEIGHBOR

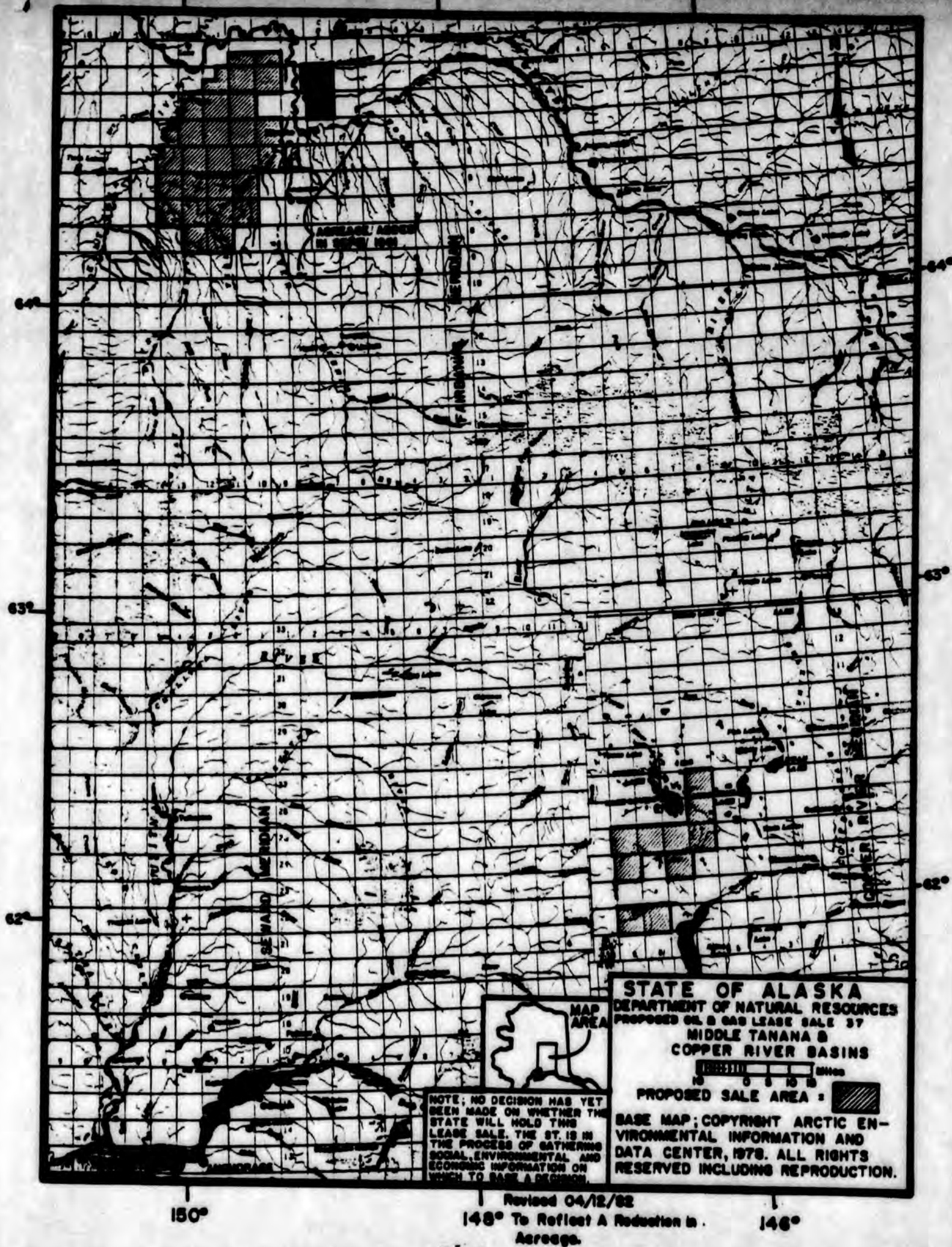
TRACT 37-220

STATE OF ALASKA

SALE 37
Middle Tanana Basin
and Copper River Basin

UNOFFICIAL TRACT MAPS

April 22, 1982



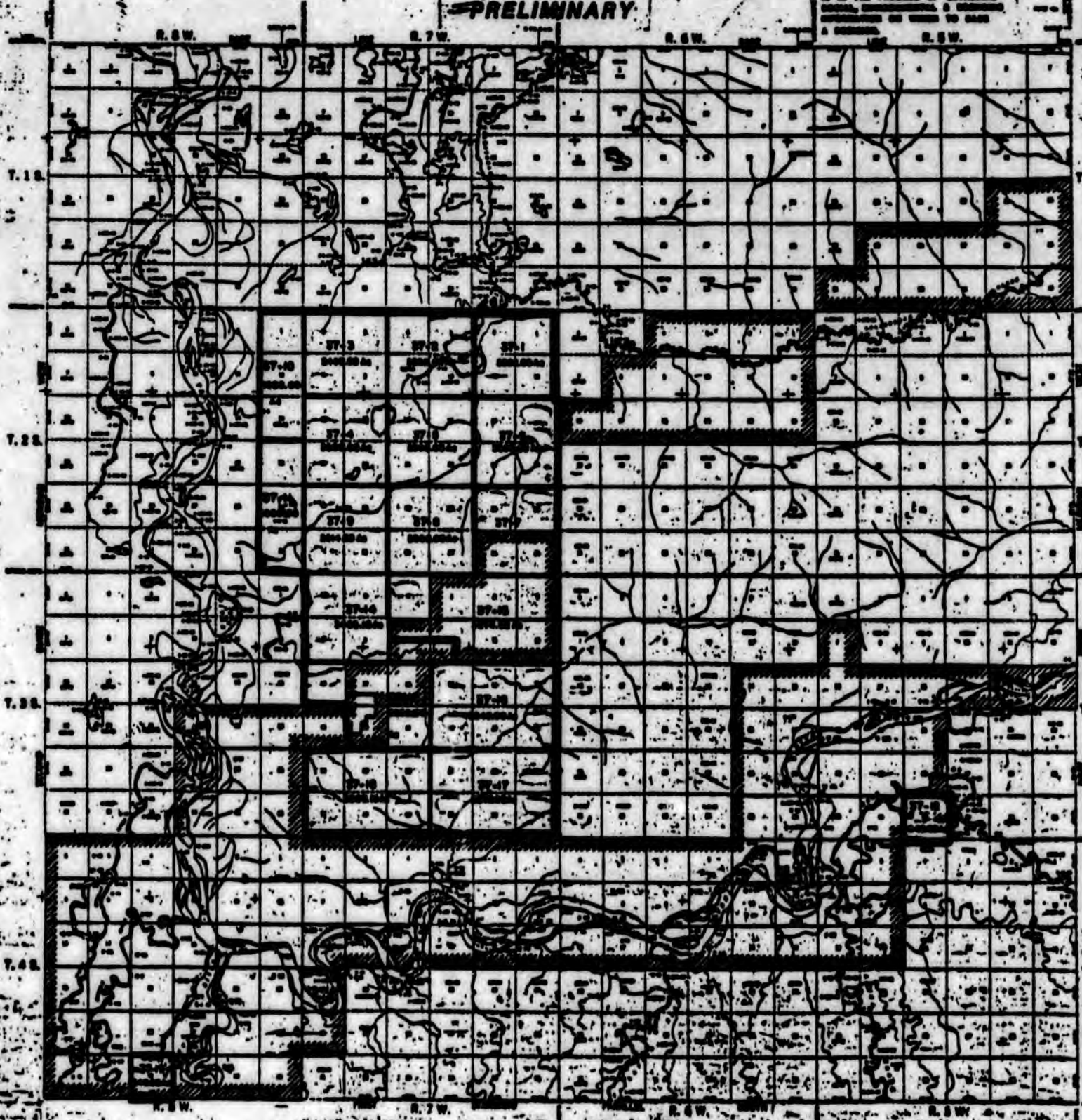
TOWNSHIPS 1 TO 4 SOUTH, RANGES 5 TO 8 WEST, FAIRBANKS MERIDIAN, ALASKA

PROTRACTED (UNSURVEYED)

REVISED DIAGRAM

PRELIMINARY

NOTE: NO RECORDS FOR THE LANDS OF THE STATE OR FEDERAL GOVERNMENT ARE SHOWN ON THIS MAP. THE ONLY RECORDS OF THE LANDS OF THE STATE OR FEDERAL GOVERNMENT ARE SHOWN ON THIS MAP. THE ONLY RECORDS OF THE LANDS OF THE STATE OR FEDERAL GOVERNMENT ARE SHOWN ON THIS MAP.



STATE OF ALASKA, COMPETITIVE
OIL & GAS LEASE SALE 37

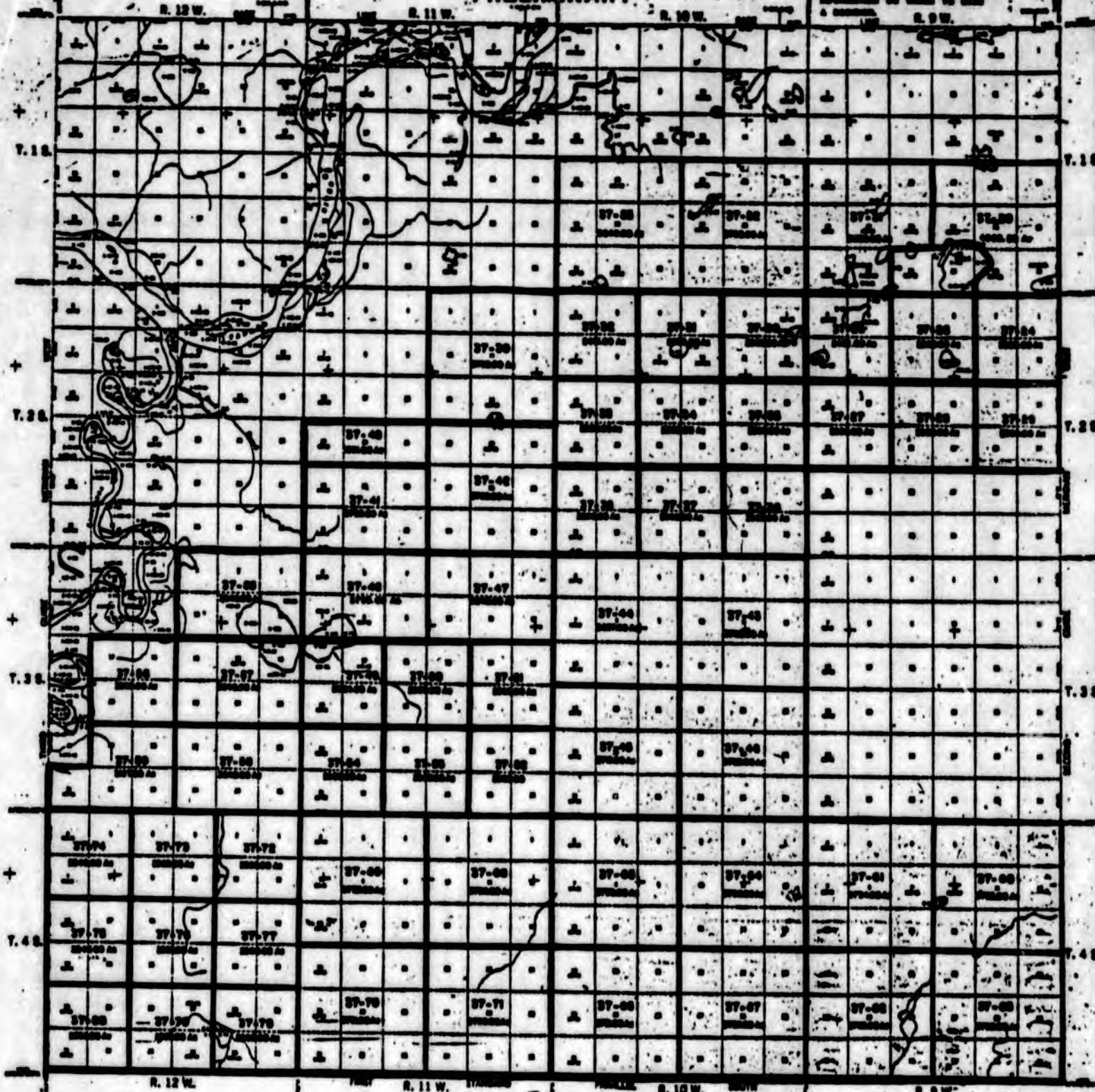
NOTE: The map is a preliminary diagram and is not a final survey map. It is intended to show the general location of the lands to be sold. The actual location of the lands will be determined by a final survey map. The map is a preliminary diagram and is not a final survey map. It is intended to show the general location of the lands to be sold. The actual location of the lands will be determined by a final survey map.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. 20240

TOWNSHIPS 1 TO 4 SOUTH, RANGES 9 TO 12 WEST, FAIRBANKS MERIDIAN, ALASKA
PROTRACTED (UNSURVEYED)

REVISED DIAGRAM
PRELIMINARY

NOTE: NO OTHERS ARE TO BE
MADE OR CHANGED THE STATE
OF THE LANDS. THE STATE
IS IN THE PROCESS OF OFFERING
SOME, PROBABLY A NUMBER
OF THEM TO THE
A. C. C. C.



STATE OF ALASKA COMPETITIVE
OIL & GAS LEASE SALE 37

NOTE: Surveyed lands refer to official survey plans
to the area.
Unsurveyed lands refer to unsurveyed. Section numbers 040 only.
Portions of land area in each section designated
by letters A, B, C, etc.
This map is each section designated by letter A.
This map based upon U.S.G.S. contours
1:62 500 scale.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WASHINGTON OFFICE, D.C.

This diagram represents the official boundaries
of the competitive oil and gas lease sale and is
not to be used for any other purpose.

For the Director

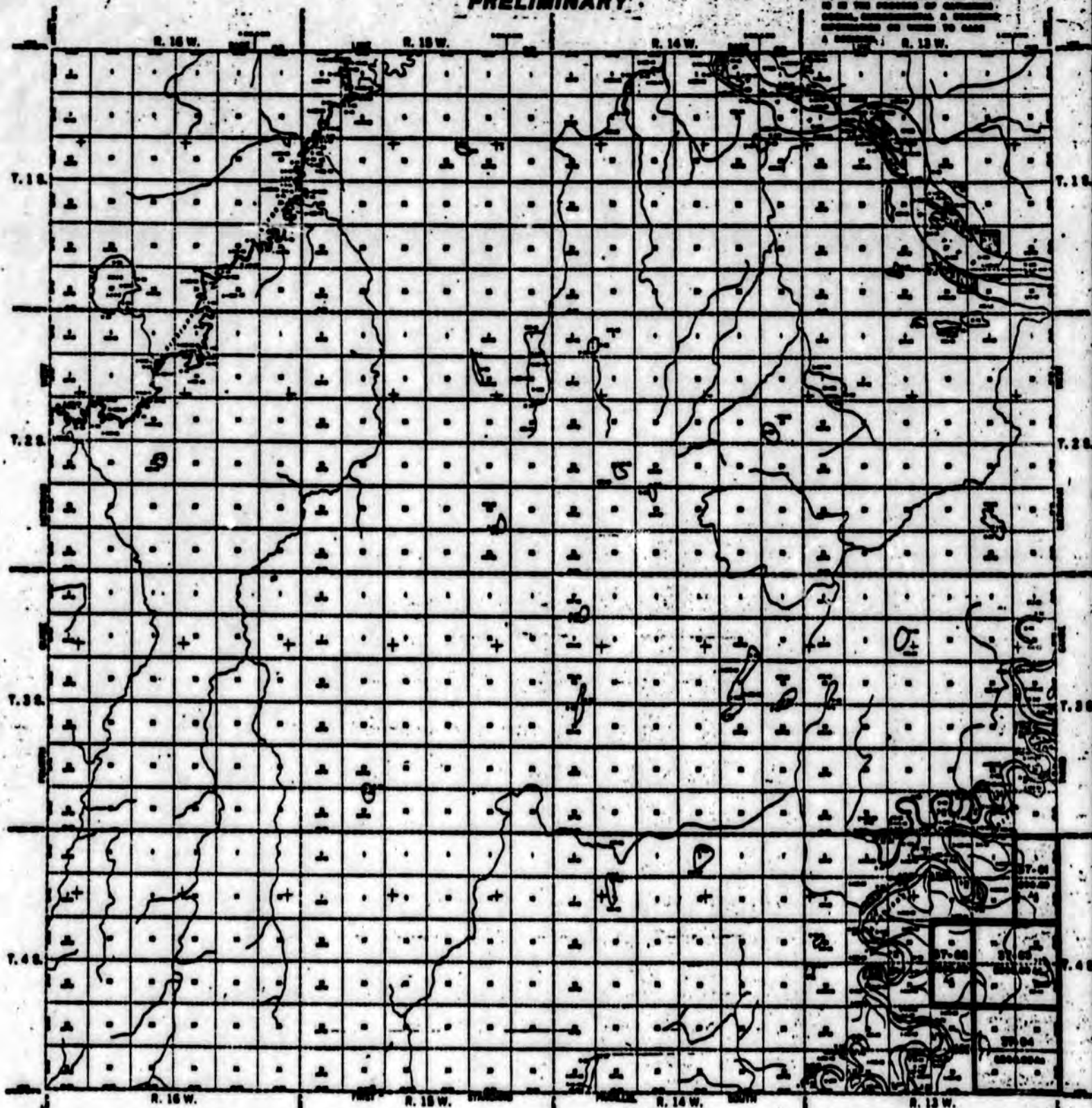
John F. Thompson

Chief Clerk, Department of the Interior

TOWNSHIPS 1 TO 4 SOUTH, RANGES 13 TO 16 WEST, FAIRBANKS MERIDIAN, ALASKA
PROTRACTED (UNSURVEYED)

PRELIMINARY

NOTE: IN ORDER TO BE USED
THIS MAP MUST BE USED IN
CONJUNCTION WITH THE
STATE OF ALASKA OIL & GAS
LEASE ACT, AS AMENDED,
AND THE REGULATIONS OF THE
BUREAU OF LAND MANAGEMENT,
DEPARTMENT OF THE INTERIOR,
WASHINGTON, D.C.



NOTE: Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

**STATE OF ALASKA COMPETITIVE
OIL & GAS LEASE SALE 37**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WASHINGTON, D.C. APRIL 16, 1968

This diagram contains the official publication
of the competitive system of leasing and is
subject to change.

For the Director

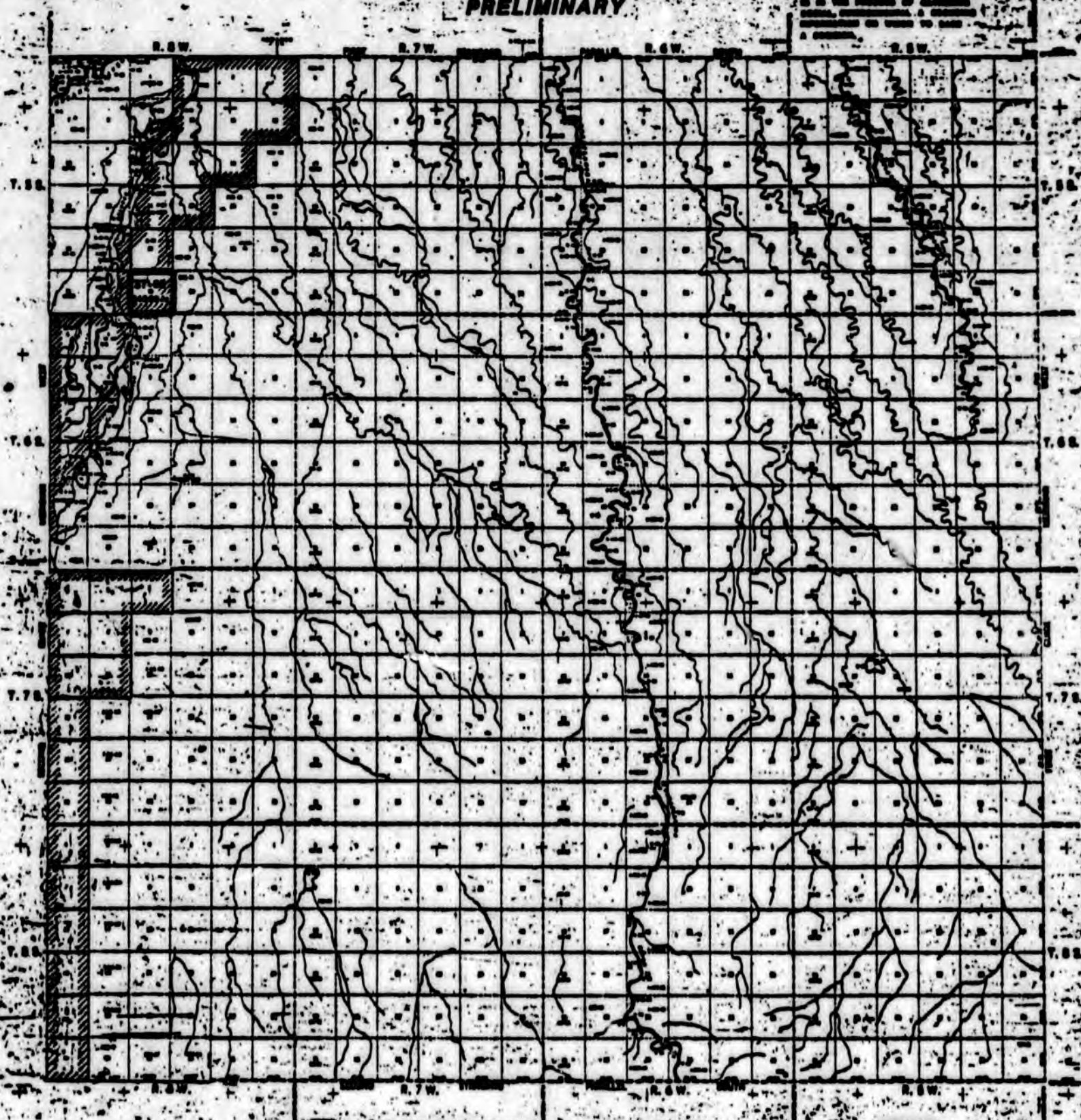
General Engineering and Construction

TOWNSHIPS 5 TO 8 SOUTH, RANGES 5 TO 8 WEST, FAIRBANKS MERIDIAN, ALASKA

PROTRACTED (UNSURVEYED)

PRELIMINARY

NOTE: This map was prepared from the original survey records and is not a reproduction of the original survey records. It is not a legal document and should not be used for legal purposes. It is a preliminary map and should not be used for legal purposes.



STATE OF ALASKA COMPETITIVE
OIL & GAS LEASE SALE 37

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WASHINGTON, D.C. SEPTEMBER 1, 1980
This document represents the official statement of the Department of the Interior and is hereby approved.

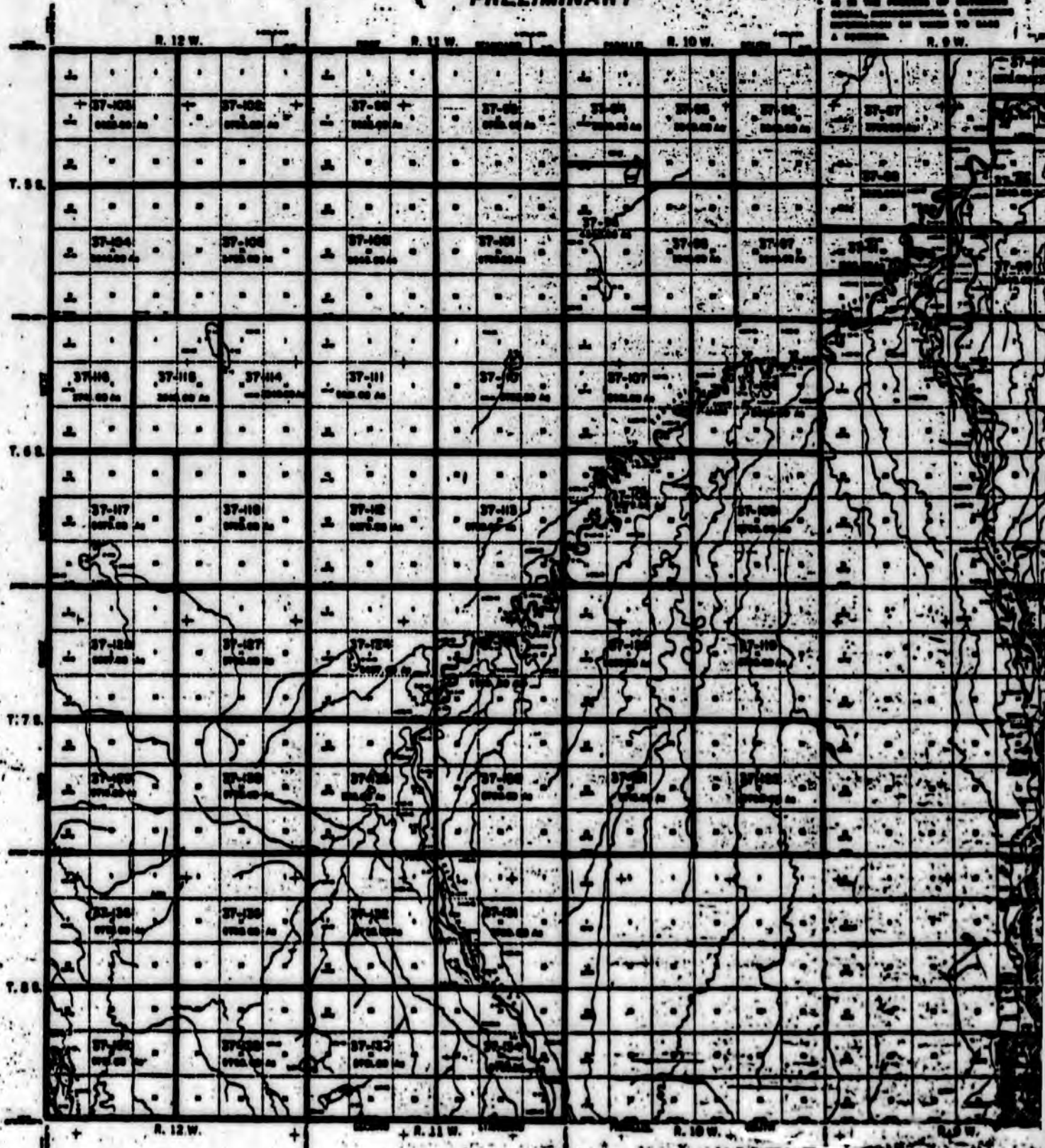
NOTE: This map was prepared from the original survey records and is not a reproduction of the original survey records. It is not a legal document and should not be used for legal purposes. It is a preliminary map and should not be used for legal purposes.

1. This map was prepared from the original survey records and is not a reproduction of the original survey records. It is not a legal document and should not be used for legal purposes. It is a preliminary map and should not be used for legal purposes.

TOWNSHIPS 5 TO 8 SOUTH, RANGES 9 TO 12 WEST, FAIRBANKS MERIDIAN, ALASKA
PROTRACTED (UNSURVEYED)

PRELIMINARY

NOTE: NO RECORDS HAS YET BEEN MADE ON WHETHER THE STATE WILL HOLD THE LANDS SALE. THE STATE IS IN THE POSSESSION OF SURVEYING, RECORDING, & RECORDS INFORMATION ON WHEN TO SELL A SECTION.



STATE OF ALASKA COMPETITIVE
OIL & GAS LEASE SALE 37

NOTE: Section lines refer to official survey maps for this area.
Unless otherwise stated, each section contains 360 acres.
Fractional portions of townships and sections designated by letters A, B, C, etc.
Survey data for each section designated by letter W.
Survey data based upon G.S. & C. coordinates
1:62,500 scale.

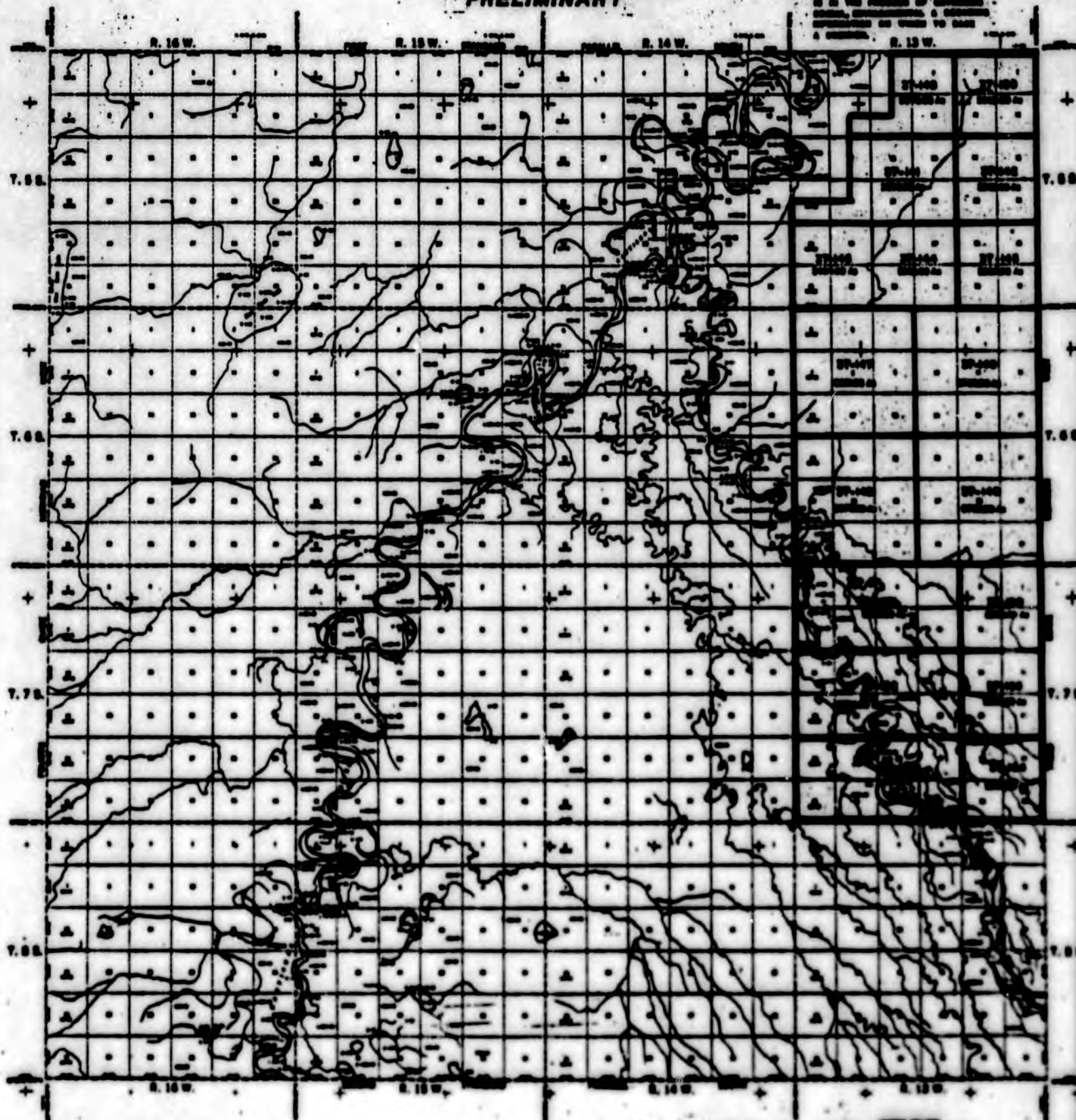
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. 20250

This document contains the official record of the competitive lease sale of oil and gas rights in the State of Alaska.

TOWNSHIPS 5 TO 8 SOUTH, RANGES 13 TO 16 WEST, FAIRBANKS MERIDIAN, ALASKA
PROTRACTED (UNSURVEYED)

PRELIMINARY

WATER IN CHINA AND THE GULF
MADE ON WHETHER THE STATE WILL
HOLD THE LEASES. THE STATE
IS IN THE POSSESSION OF OIL
FIELDS, INFORMATION, A COUNTRY
INFORMATION ON THE WAY TO OIL

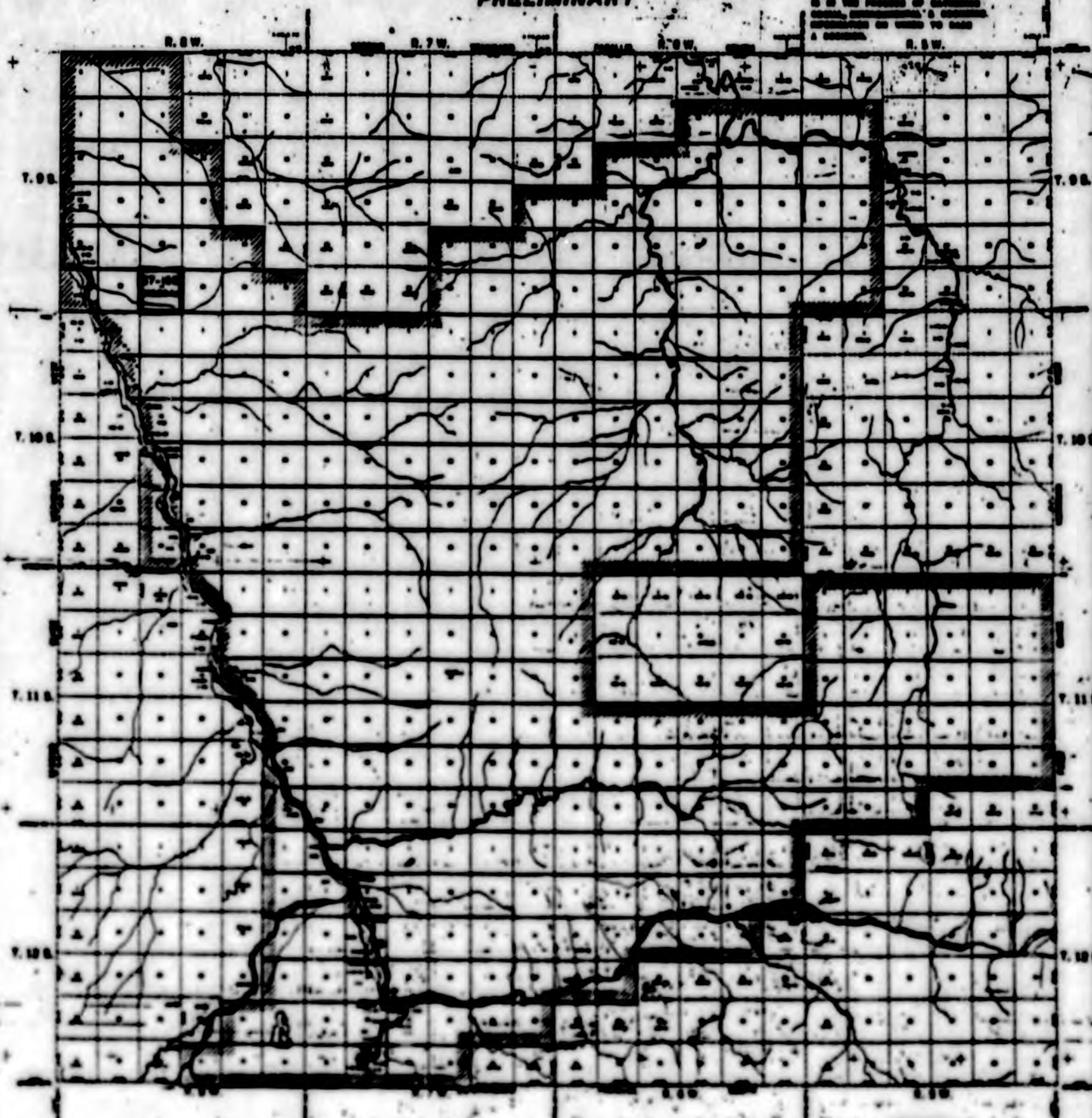
[illegible]

STATE OF ALASKA, COMPETITIVE
OIL & GAS LEASE SALE 37

UNITED STATES
 DEPARTMENT OF THE ARMY
 OFFICE OF THE ADJUTANT GENERAL
 WASHINGTON, D. C. 20315
 FORM NO. 10-64 (Rev. 1-64)
 THIS FORM IS PREPARED BY THE ADJUTANT GENERAL
 AND IS USED TO REPORT THE RESULTS OF THE
 ADJUTANT GENERAL'S INSPECTION OF THE
 ADJUTANT GENERAL'S OFFICE

TOWNSHIPS 9 TO 12 SOUTH, RANGES 5 TO 8 WEST, FAIRBANKS, MERIDIAN, ALASKA
PROTRACTED (UNSURVEYED)
PRELIMINARY

NOTE: TO DETERMINE HOW THE CASE
WAS ON WHETHER THE STATE WOULD
HOLD THE LEAD CASE. THE STATE
IS IN THE PROCESS OF OBTAINING
LEGAL, ENVIRONMENTAL & COMMUNITY
INFORMATION ON WHO TO CALL
A COUNCIL.



STATE OF ALASKA COMPETITIVE
OIL & GAS LEASE SALE 37

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

2. Next, gather relevant data and information. This can be done through research, interviews, or other methods. It is important to ensure that the data is accurate and reliable.

3. Once the data is gathered, it needs to be analyzed. This involves looking for patterns, trends, and relationships between the data points. Statistical methods can be used to help with this process.

4. After analysis, the results need to be interpreted. This means putting the findings into context and understanding what they mean for the problem at hand. It is important to consider any limitations or caveats.

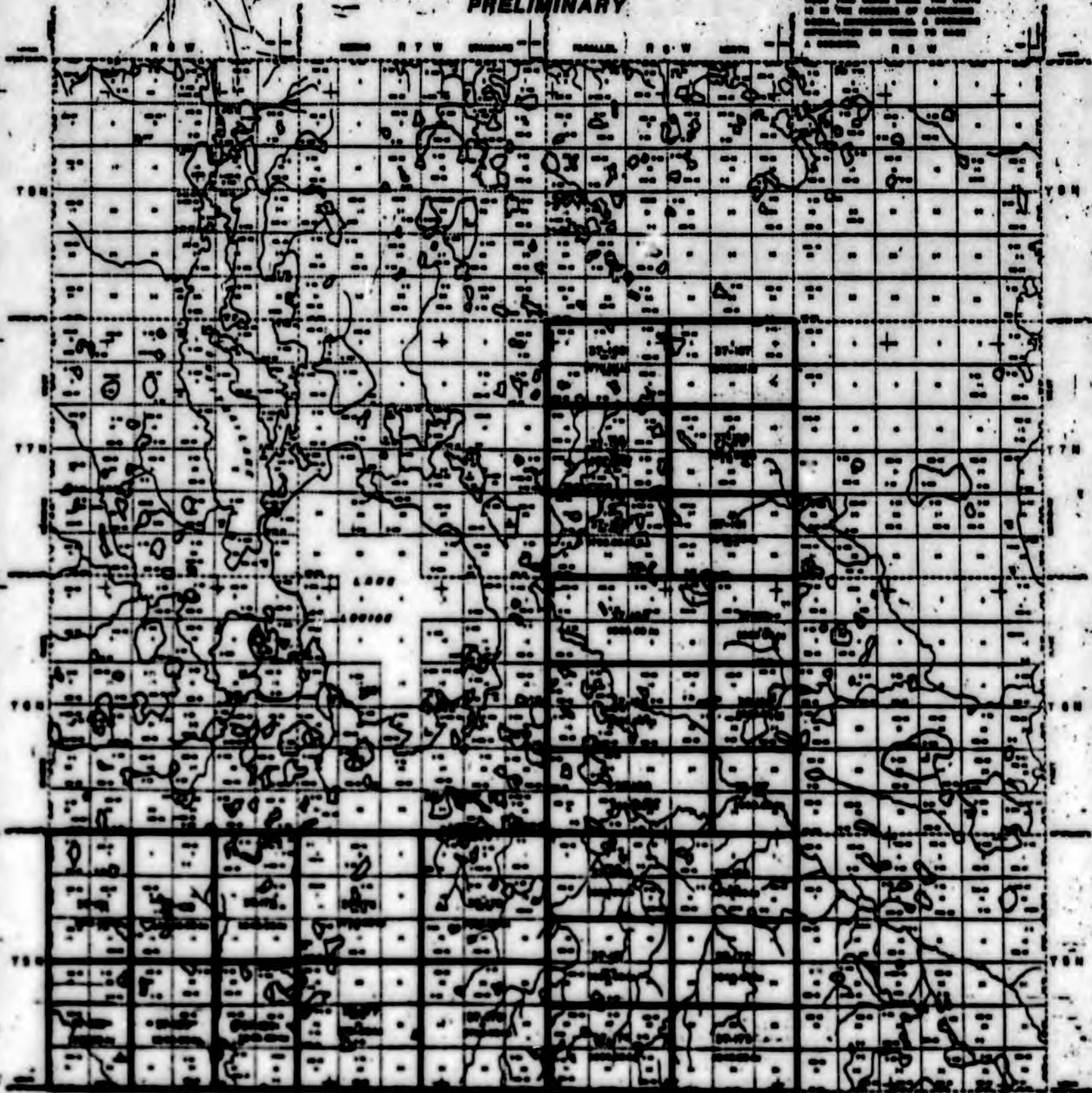
5. Finally, the results should be communicated. This can be done through a report, presentation, or other means. The communication should be clear and concise, and should include any recommendations or conclusions.

UNITED STATES
 DEPARTMENT OF THE ARMY
 OFFICE OF THE ADJUTANT GENERAL
 WASHINGTON, D. C. 20315-5000
 FORM NO. 10-64 (Rev. 12-13-64)
 THIS FORM IS PREPARED BY THE ADJUTANT GENERAL
 AND IS USED TO REPORT THE RESULTS OF THE
 ADJUTANT GENERAL'S INSPECTION OF THE
 ADJUTANT GENERAL'S OFFICE.



TOWNSHIPS 5 TO 8 NORTH, RANGES 5 TO 8 WEST, COPPER RIVER MERIDIAN, ALASKA
 PROTRACTED (UNSURVEYED)
 PRELIMINARY

NOTE: NO RECORDS HAS YET BEEN
 MADE OF THE LANDS IN THE STATE
 OF ALASKA. THE STATE
 IS IN THE POSSESSION OF
 FEDERAL, TERRITORIAL & PRIVATE
 INTERESTS AS SHOWN ON THIS MAP



STATE OF ALASKA
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 WASHINGTON, D. C. 20240



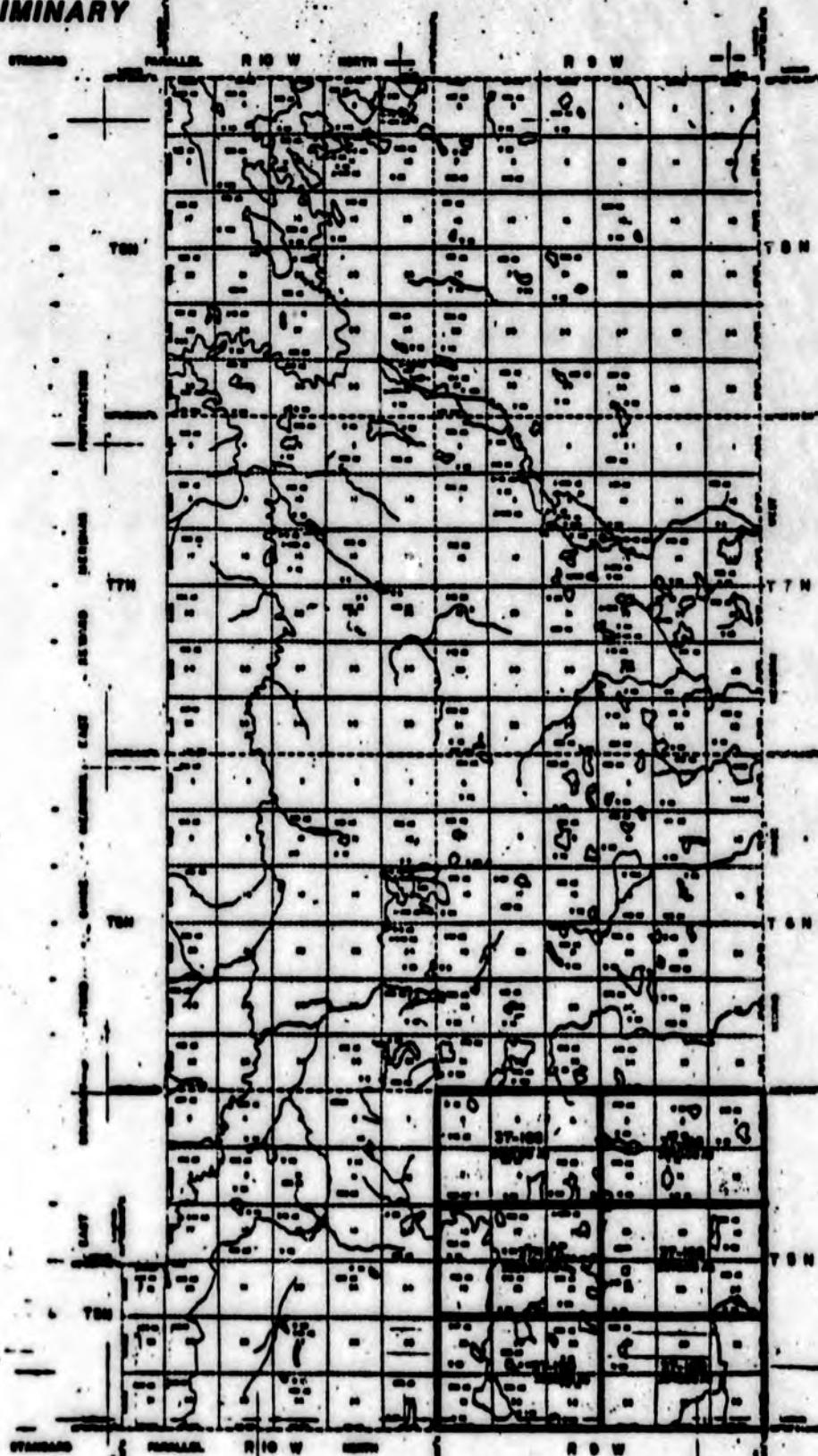
STATE OF ALASKA COMPETITIVE
 OIL & GAS LEASE SALE 37

DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 WASHINGTON, D. C. 20240

TOWNSHIPS 5 TO 8 NORTH, RANGES 9 TO 10 WEST, COPPER RIVER MERIDIAN, ALASKA
PROTRACTED (UNSURVEYED)

PRELIMINARY

NOTE: NO DECISION HAS YET BEEN MADE AS TO WHETHER THE STATE WILL HOLD THIS LEASE SALE. THE STATE IS IN THE PROCESS OF OBTAINING SOCIAL, ENVIRONMENTAL & ECONOMIC INFORMATION ON WHICH TO BASE A DECISION.



NOTE: THROUGH THE OFFICE FOR CROWN
LANDS ALASKA AND CROWN LANDS CANADA
FEDERAL GOVERNMENT OF CANADA TO CROWN LANDS
DEPARTMENT BY LETTER A.C.L.C. 100
NOTE: THIS IS A PRELIMINARY MAP AND NOT A
FINAL MAP. IT IS NOT TO BE USED FOR
LEGAL PURPOSES. IT IS TO BE USED FOR
INFORMATIONAL PURPOSES ONLY.



STATE OF ALASKA COMPETITIVE
OIL & GAS LEASE SALE 37

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. MARCH 17, 1988

This document represents the official
position of the Bureau of Land Management
of the United States Department of the Interior.

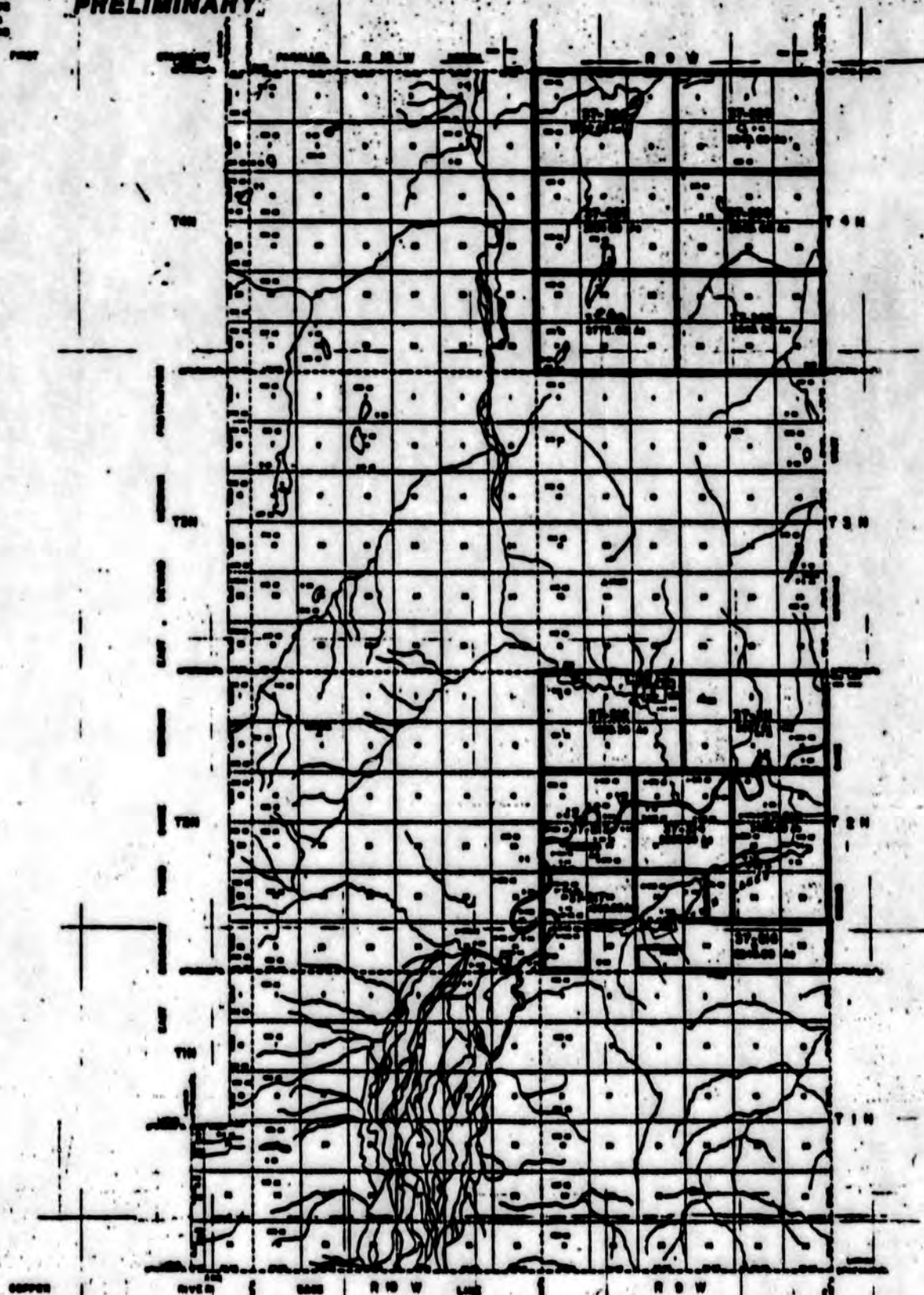
For the Director

TOWNSHIPS 1 TO 4 NORTH, RANGES 9 TO 11 WEST, COPPER RIVER MERIDIAN, ALASKA

PROTRACTED (UNSURVEYED)
PRELIMINARY

NOTE: NO RECORD HAS YET BEEN
MADE OF THE LANDS OF THE STATE
HOLDING THE LEASES. THE STATE
IS IN THE PROCESS OF OBTAINING
THESE RECORDS. A COMPLETE
RECORD OF THE LANDS OF THE STATE
IS BEING MADE.

PAGE



NOTE: Surveyed, and official plans for same.
Under contract with the State of Alaska and the
Federal Government of the State of Alaska.
Copyright by the State of Alaska, 1960.
This map is not to be used for any other purpose
than the one for which it was prepared.
This map is not to be used for any other purpose
than the one for which it was prepared.



**STATE OF ALASKA COMPETITIVE
OIL & GAS LEASE SALE 37**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WASHINGTON, D.C. 20240

This map represents the official
position of the Bureau of Land Management
of the United States and is hereby approved.

For the Director

STATE OF ALASKA

DEPARTMENT OF NATURAL RESOURCES

MINERALS AND ENERGY MANAGEMENT

JAY S. HAMMOND, GOVERNOR

555 CORDOVA STREET
POUCH 7-005
ANCHORAGE, ALASKA 99510
(907) 276-2653

Phone: 276-2653

April 22, 1982

-NOTICE-

FINAL DECISION AND FINDING UNDER AS 38.05.035(a)(14) REGARDING PROPOSED OIL AND GAS LEASE SALE 37A Chakok River

The Department of Natural Resources, Division of Minerals and Energy Management (DMEM), gives formal notice under AS 38.05.345(a)(3) of its intention to make a final decision under AS 38.05.035(a)(14) regarding the sale of an oil and gas lease in proposed Competitive Oil and Gas Lease Sale 37A. Before the sale may be held, the Director of the Division of Minerals and Energy Management must make a written final decision that the sale is in the best interest of the state. This decision, issued pursuant to AS 38.05.035(a)(14), will set out the facts and applicable law upon which the Director bases her determination that the sale of an oil and gas lease in proposed Sale 37A will or will not best serve the interests of the state. This final decision is expected to be available to the public in June, 1982.

A preliminary analysis of the potential effects of proposed sale 37A and the means by which they may be mitigated is now available at DMEM, 555 Cordova Street, Anchorage, Alaska. Copies of the analysis may be obtained by writing to DMEM at Pouch 7-005, Anchorage, Alaska, 99510. The public is invited to comment on any aspect of the sale including any proposed term or condition. Comments must be received at DMEM by May 21, 1982 in order to be considered in the final decision of whether or not to hold this sale. A preliminary tract map of the area also is available at DMEM.

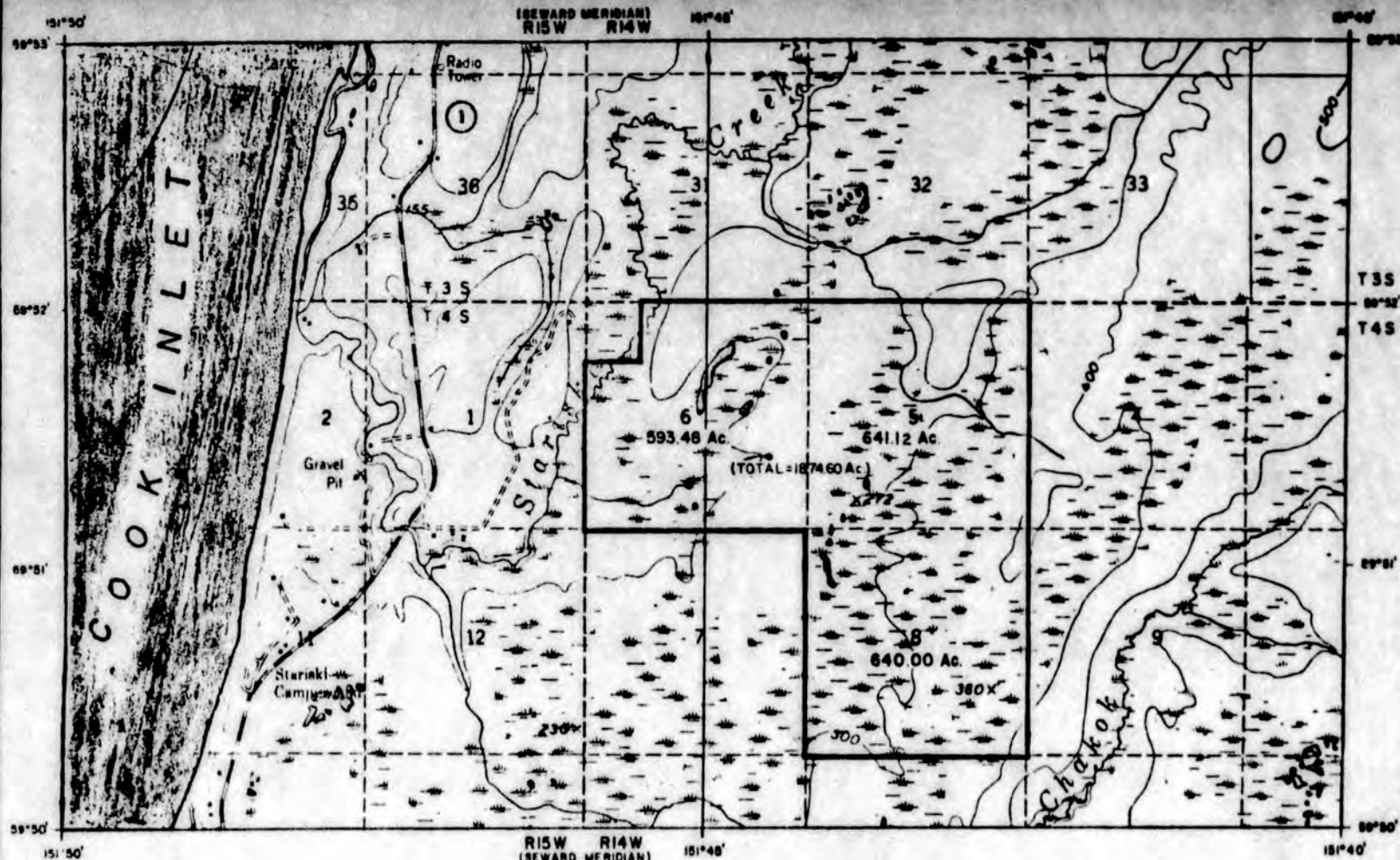
Proposed Sale 37A contains an area of approximately 1875 acres on the Kenai Peninsula. The sale area contains sections 5, 8, and most of section 6 in township 4 south, range 14 west, Seward Meridian. All of the acreage will be offered in one tract. The sale area is located within the Kenai Peninsula Borough, approximately five miles north of Anchor Point and about 15 miles north of Homer. The Sterling Highway is about one mile west of the tract.

The Chakok River sale is being offered as "exempt" acreage under the terms of AS 38.05.180(d)(1). This provision in the state oil and gas leasing statute allows the Commissioner of the Department of Natural Resources to issue oil and gas leases in an area that has not been included in the five-year leasing program if "the land to be leased was previously subject to a valid state or federal oil and gas lease." This entire tract was previously subject to state oil and gas lease ADL #53914, which was issued in June, 1971 and expired in May, 1981.

If a decision is made that the proposed sale is in the best interest of the state, an "Information to Bidders" packet will be sent to all persons on the DMEM mailing list in June, 1982. If the decision is made to hold the sale, it is tentatively scheduled to occur at the Travelers Inn in Fairbanks on August 24, 1982 in accordance with AS 38.05.180. If you want to place your name on the DMEM mailing list, contact DMEM at (907) 276-2653, extension 4247.



Kay Brown
Director

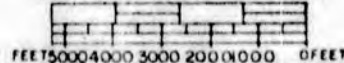


STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINERALS AND ENERGY MANAGEMENT
COMPETITIVE OIL AND GAS LEASE SALE 37A

CHOKOK RIVER
PRELIMINARY TRACT MAP

SCALE 1:48,000 1"=4,000 ft.

MILE 3/4 1/2 1/4 0



DIRECTOR C.M.E.M. RAY BROWN	DRAWN BY O.D.S.	CHECKED BY K.M.O.
LEASING MANAGER PAULA ROGERS	DATE APPROVED 4/14/82	

LEGEND

BASE MAP
USGS SELDOVIA (D-5) QUADRANGLE
1:63,360 SERIES (TOPOGRAPHIC)
A PORTION OF SELDOVIA (D-5) HAS
BEEN PHOTOGRAPHICALLY ENLARGED
TO APPROXIMATELY 1:24,000 SCALE
CONTOUR INTERVAL 100 FEET
WATER DEPTH IN FEET
STERLING HIGHWAY

PROPOSED TRACT

NOTE: NO DECISION HAS YET BEEN
MADE ON WHETHER THE STATE WILL
HOLD THIS LEASE SALE. THE STATE IS IN
THE PROCESS OF GATHERING SOCIAL,
ENVIRONMENTAL & ECONOMIC INFORMATION
ON WHICH TO BASE A DECISION.

April 22, 1982

STATE OF ALASKA
PRELIMINARY LEGAL DESCRIPTION
PROPOSED OIL AND GAS LEASE SALE 37A

TRACT 37A

T. 4 S., R. 14 W., Seward Meridian

Section 5,	All, 641.12 acres;
Section 6,	Lots 1, 2, 3, 5, 6, 7, S1/2NE1/4, SE1/4NW1/4, E1/2SW1/4, SE1/4, 593.48 acres;
Section 8,	All, 640 acres.

This Tract contains 1874.60 acres more or less.

STATE OF ALASKA

DEPARTMENT OF NATURAL RESOURCES

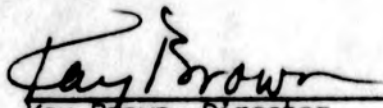
MINERALS AND ENERGY MANAGEMENT

JAY S. HAMMOND, GOVERNOR

555 CORDOVA STREET
POUCH 7-005
ANCHORAGE, ALASKA 99510
(907) 276-2653

STATE OF ALASKA
SUPPLEMENTAL NOTICE
OIL & GAS LEASE SALE 36
APRIL 12, 1982

Under the Notice of Sale for competitive Oil and Gas Lease Sale 36 dated April 7, 1982, lessees are eligible for exploration incentive credits for the first exploratory well per tract. In addition to the provisions of that notice, Term of Sale No. 41, and laws and regulations governing exploration incentive credits, bidders are advised that the Commissioner will in all instances approve the assignment of credits earned in Sale 36.



Kay Brown, Director
Division of Minerals and Energy Management

**PLEASE NOTE: THE PRECEDING PAGES WERE TREATED
AS A UNIT IN THE ORIGINAL DOCUMENT.**

RHL

Alaska Natural Gas Transportation Act

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

=f=

Before Commissioners: Georgiana Sheldon, Acting Chairman;
Matthew Holden, Jr., George R. Hall
and J. David Hughes.

Alaskan Northwest Natural)
Gas Transportation Company)

Docket No. CP78-123, et al.

ORDER TO SHOW CAUSE
(Issued December 15, 1980)

On February 2, 1979, Alaska Northwest Natural Gas Transportation Company (ANNGTC) filed an application for an order approving past expenditures and to establish procedures for continuing audit and approval of future expenditures and major commitments. Supplements to that application were filed on August 14, 1979 and July 16, 1980.

The President's Decision and Report to Congress on the Alaska Natural Gas Transportation System (Decision) contemplates contemporaneous auditing during the course of the project. Finance Condition 2, at page 37 of the Decision, provides in part that the project sponsors "shall . . . submit to the FPC for approval on a timely basis all components of construction work in progress." Section 9 of the Alaska Natural Gas Transportation Act of 1976 (ANGTA) (15 U.S.C. § 719g) mandates expedition.

On April 18, 1979, the Commission directed 1/ its Office of the Chief Accountant to audit expenditures incurred by the certificate holders of the Alaska Natural Gas Transportation

1/ Directive to the Office of the Chief Accountant, Administrative Order No. 4, 7 FEBC _____ (1979).

System (ANGTS). 2/ The Commission directed the Chief Accountant to include in the reports his opinion as to whether "expenditures are properly assignable to the project and of a nature that would qualify the expenditures for eventual inclusion in the rate base, whether the accounting used by the sponsors meets the requirements of the Uniform System of Accounts and generally accepted accounting principles, and whether the project sponsors are in compliance with other accounting and reporting regulations and requirements of the Natural Gas Act, the Decision, and the certificate of public convenience and necessity." 3/

The Commission has, to date, received three audit reports from the Office of the Chief Accountant. 4/ The first report covers pre-partnership expenditures by five individual companies which later became partners in ANNGTC. Those expenditures include Allowance for Funds Used During Construction (AFUDC), expenses related to the preparation and presentation of applications for the construction certificate for the Alaskan pipeline, and expenses

2/ ANGTS was authorized by the ANGTA, 15 U.S.C. §§ 719-719c and the President's Decision and Report to Congress on the Alaska Natural Gas Transportation System, (Executive Office of the President, Energy Policy and Planning, September 1977), as enacted into law by H. J. Res. 621, Pub. Law No. 95-100 (November 2, 1977). The Commission, by an order issued December 16, 1977 in this docket, issued conditional certificates of public convenience and necessity to construct and operate the ANGTS. Several competing companies, including the Northwest Alaskan Pipeline Company (the successor in interest to the Alcan Pipeline Company, whose proposed pipeline route was selected by the President in his Decision), formed a partnership to construct and operate the Alaska section of the ANGTS on February 1, 1978. That partnership is known as the Alaska Northwest Natural Gas Transportation Company (ANNGTC). Expenses incurred before the formation of the partnership are referred to as "pre-partnership expenditures."

3/ Administrative Order No. 4, at 3.

4/ The reports are each entitled "Report on the Results of Audit of Expenditures by the Alaskan Northwest Natural Gas Transportation Company . . ." and were submitted in August and October 1980.

made through membership or participation in the Gas Arctic/Northwest Study Group. 5/

The second report covers expenditures incurred by ANNGTC partners from February 1, 1978 through December 31, 1978, including AFUDC.

The third report covers expenditures, including AFUDC, incurred from January 1, 1979 through December 31, 1979 and charged to various gas plant accounts of the partnership. In both the second and third reports, a substantial part of the AFUDC claimed is related to pre-partnership and other expenditures at issue in the first report.

The audit reports are attached to this order for review by interested persons.

The Commission orders:

Within 60 days of the issuance of this order, any interested person shall show cause why the Commission should not adopt, for purposes of rate base determination pursuant to the Natural Gas Act, ANGTA, and the President's Decision, the data and opinions set forth in the three Reports on Results of Audit prepared by the Office of the Chief Accountant.

By the Commission.

(S E A L)


Kenneth F. Plumb,
Secretary.

5/ Also known as the Canadian Arctic Gas Study Limited (CAGSL).

**REPORT ON
RESULTS OF AUDIT OF EXPENDITURES
BY PARTNERS
OF THE
ALASKAN NORTHWEST NATURAL GAS
TRANSPORTATION COMPANY
WHICH WERE
INCURRED PRIOR TO THE
FORMATION OF THE PARTNERSHIP
ON FEBRUARY 1, 1978
(DOCKET NO. CP78-123, et al.)**

**August 1980
Division of Audits
Office of Chief Accountant
Federal Energy Regulatory Commission**

REPORT ON RESULTS OF AUDIT OF EXPENDITURES
BY PARTNERS OF THE ALASKAN NORTHWEST
NATURAL GAS TRANSPORTATION COMPANY WHICH
WERE INCURRED PRIOR TO THE FORMATION OF
THE PARTNERSHIP ON FEBRUARY 1, 1978
(DOCKET NO. CP78-123, et al.)

INTRODUCTION

This is the first in a series of reports on the results of audits of expenditures related to the construction of the Alaska Natural Gas Transportation System (ANGTS)^{1/}. The audits and reports are being made pursuant to the directions contained in Administrative Order No. 4, issued April 18, 1979.

This report conveys the results of the staff's initial audit of expenditures charged to the Alaskan section of the ANGTS. The initial audit covered expenditures incurred prior to the formation of the partnership (Alaskan Northwest Natural Gas Transportation Company (ANNGTC)) on February 1, 1978, for the construction and operation of the Alaskan section.

Amounts charged to the Alaskan section for pre-partnership expenditures totaled \$57,415,070^{2/}.

- 1/ ANGTS was authorized by the Alaska Natural Gas Transportation Act of 1976 (ANGTA), 15 U.S.C. 719 et seq. and the President's Decision and Report to Congress on Alaska Natural Gas Transportation System, as enacted into law, H.J. Res. 621, Pub. L. No. 95-108 (November 2, 1977).
- 2/ See Exhibit No. 1.

SUMMARY

Prior to the formation of the partnership, for the purpose of construction and operation of the Alaskan section of the ANOTS under a Conditional Certificate of Public Convenience and Necessity issued by FERC on December 16, 1977 (Docket No. CP78-123, et al.), substantial sums were expended by the individual companies^{1/}.

One partner, Northwest Alaskan Pipeline Company (Northwest) was the original applicant for the route and pipeline proposal ultimately selected and conditionally authorized in Docket No. CP78-123, et al. Northwest's claimed pre-partnership expenditures of \$19,048,187 were related to the preparation and presentation of its application for the construction certificate for an Alaskan pipeline^{2/}.

Four other partners, Pan Alaska Gas Company (Pan Alaska), Calaska Energy Company (Calaska), Pacific Interstate Transmission Company (Arctic) (Pacific), and Northern Arctic Gas Company (Northern), claimed pre-partnership expenditures totaling \$38,366,883 which were made through their membership and/or participation in the Gas Arctic/Northwest Project Study Group, better known by its service organization name, Canadian Arctic Gas Study Limited (CAGSL)^{3/}.

1/ In some instances the expenditures were actually made by affiliated or other companies. For clarity in presentation, this report attributes such expenditures to the current partner company.

2/ See Exhibit No. 1.

CAOSL sponsors unsuccessfully applied to FERC and the National Energy Board of Canada for certificates to construct a gas pipeline to transport Alaskan gas to the United States via a predominantly Canadian route.

With respect to the pre-partnership expenditures claimed by Northwest, the staff concludes that:

1. Expenditures of \$15,190,609, including Allowance for Funds Used During Construction (AFUDC) of \$965,272,

are properly assignable to the Alaskan section of the AMOTS and are of a nature that would qualify for eventual inclusion in rate base.

2. Expenditures of \$193,236, including AFUDC of \$12,278 are not of a nature that would qualify for eventual inclusion in rate base, and should be disallowed.

3. Expenditures of \$3,604,302, including AFUDC of \$232,847 may not be properly assignable to the Alaskan section of the AMOTS for eventual inclusion in rate base. Requests to Northwest for additional information on these expenditures have not been answered. Therefore, staff proposes that these expenditures be disallowed without prejudice to Northwest's retaining them upon submission of appropriate supporting information.

With respect to the pre-partnership expenditures claimed by the four other partners, the staff concludes that:

1. None of the claimed expenditures, totaling \$38,366,883, including AFUDC of \$6,587,916, are properly assignable to the Alaskan section of the ANOTS and such expenditures should be disallowed.
2. Calaska claimed \$1,300,277 in excess of its actual expenditures due to the method used to account for Canadian/United States dollar exchange differences. However, no separate adjustment for this item will be necessary if conclusion 1 above is sustained, since all claimed expenditures would be disallowed.
3. The parent companies of three of the partners, Pacific Lighting Service Company (Pacific Interstate Transmission Company (Arctic)), Panhandle Eastern Pipeline Company (Pan Alaska Gas Company), and Northern Natural Gas Company (Northern Arctic Gas Company) have already recovered significant portions of their pre-partnership expenditures via tariff charges to their existing customers. The staff is proposing that the claimed pre-partnership expenditures be disallowed to the extent that their parent companies had recovered such expenditures through January 31, 1978, and that any recoveries made after that date be credited against any of their remaining pre-partnership expenditures. However, no separate adjustments for this item will be necessary if conclusion 1 above is sustained, since all claimed CAGEL expenditures would be disallowed.

4. Pacific claimed \$23,375 in excess of its actual expenditures due to its failure to reduce such expenditures by interest reimbursements received. However, no separate adjustment for this item will be necessary if conclusion 1 above is sustained, since all claimed expenditures would be disallowed.
5. The parent companies of Pan Alaska, Northern and Pacific have already claimed the pre-partnership CAGSL expenditures as tax deductions for Federal income tax purposes. The staff is proposing that the deferred taxes resulting from this procedure be recorded on ANNGTC's books to assure that the tax benefits are properly associated with the CAGSL expenditures in making AFUDC computations, computing Federal income tax allowances, and establishing rate base. This item becomes moot if conclusion 1 above is sustained, since all claimed CAGSL expenditures would be disallowed.
6. AFUDC amounts are incorrectly computed and will require downward adjustment in the event that any portion of the pre-partnership expenditures are ultimately allowed. However, no separate adjustment for this item will be necessary if conclusion 1 above is sustained, since all claimed expenditures would be disallowed.

The bases for the conclusions cited above are discussed in the text of this report.

SCOPE OF AUDIT

The audit covered claimed pre-partnership expenditures totaling \$57,415,070, including AFUDC. Of these pre-partnership expenditures, \$38,366,883, including AFUDC, is related to disbursements made by four companies for their shares of the costs incurred by Canadian Arctic Gas Study Limited (CAGSL). Therefore, it was necessary for the staff to examine the total costs incurred by CAGSL \$154,849,479 (Canadian) to determine whether the partners' expenditures were properly assignable to the Alaskan section of the ANGTS.

The audit included an examination of the accounting and other records to the extent deemed necessary to determine whether:

1. The various financial statements and reports properly reflected the underlying records and documents,
2. The expenditures were adequately documented and supported,
3. The accounting for the expenditures met the requirements of the Uniform System of Accounts and generally accepted accounting principles, and
4. The expenditures were properly assignable to the Alaskan section of the ANGTS and were of a nature that would qualify for eventual inclusion in rate base.

RESULTS OF AUDIT

A. Northwest Alaskan Pipeline Company

Northwest claimed pre-partnership expenditures of \$19,048,187, including \$1,210,397 of AFUDC. The staff determined that

1. Expenditures of \$15,190,609, including \$965,272 of AFUDC, were made in the planning, researching, developing, formulating, testing and filing processes related to the successful application before the Commission to build the Alaskan section of the ANGTS. These expenditures were found to be properly assignable to ANNGTC, and of a nature that would qualify them for eventual inclusion in ANNGTC's rate base.

2. Expenditures of \$193,236 including \$12,278 of AFUDC are not of a nature that would qualify them for eventual inclusion in ANNGTC's rate base. These expenditures fall into the following categories:

a. Influencing Public Opinion

Expenditures of \$115,406, including \$7,333 of AFUDC relate to payments to various public relations firms for preparing and disseminating information about the Alcan Proposal and the two alternative proposals during the selection process. A review of the brochures, news ads and news articles resulting from these expenditures disclosed that they were intended and used to influence public opinion and the opinions of public officials during the selection process of the Alaskan Gas Project.

The Uniform System of Accounts requires that expenditures of this nature be recorded in Account #26.4, Expenditures for certain civic, political and related activities, a non-utility expense account.

b. Lobbying Activities

Expenditures of \$57,888, including \$3,678 of AFUDC relate to payments to two firms for lobbying services.

One firm performed services which involved legislative efforts to secure passage of the Natural Gas Policy Act of 1978. This emanated from President Carter's 1977 Energy Plan which proposed substantial changes to the Natural Gas Act. Northwest requested the firm to analyze the President's proposal and determine its impact on the Alaska Natural Gas Transportation System. After analysis of the President's proposal, the firm began contacting members of both the House and Senate and their staffs to inform them of the impact of gas pricing legislation on the Project. Position papers on the Project and letters to all Senators and Representatives were prepared and sent during the deliberations in both Houses on the pending legislation. The firm monitored all public sessions and met personally with conferees, and their staff on a regular basis through the 9-month conference. Numerous proposals and counter-proposals were offered by the conferees and this firm prepared position papers on the impact of the various

proposals on the Project. Once the conferees agreed on a compromise bill, the firm again contacted members of both the House and Senate urging passage of the compromise bill. The compromise bill was ultimately passed and was signed into law in November of 1978.

The second firm focused its efforts on gaining Congressional ratification of the President's Decision on the ANGTS.

The Uniform System of Accounts requires that expenditures of this nature be recorded in Account 426.4, Expenditures for certain civic, political and related activities, a non-utility expense account.

c. Celebration Costs

Expenditures of \$18,874, including \$1,199 of AFUDC, relate to payments for receptions held in Washington, D. C., Anchorage, Alaska, and Fairbanks, Alaska to celebrate President Carter's selection of the Alcan Project proposal to construct the Alaskan Natural Gas Pipeline.

The Commission, in various cases, has ruled that celebration-type expenditures are not properly expendable to the plant or operating expense accounts, but are of a nature that should be recorded in Account 426.5, Other deductions.

d. Donations

Expenditures of \$1,068, including \$68 of AFUDC, relate to a contribution to the Hubert Humphrey Institute of Public Affairs (University of Minnesota Foundation).

The Uniform System of Accounts requires that expenditures of this nature be recorded in Account 426.1, Donations, a non-utility expense account.

3. Expenditures of \$3,664,342, including \$232,847 of AFUDC, were not sufficiently supported to enable the staff to determine whether they are properly assignable to the Alaskan section of the ANGTS for eventual inclusion in rate base. Requests to Northwest for additional information on these expenditures have not resulted in responses which clearly document the nature and character of the items. These expenditures fall into two general categories:

a. Amounts paid to a number of law firms for services which appear to include political lobbying or public relations efforts designed to influence public opinion concerning the project and, as such, would not be allowable in plant accounts under the provisions of FERC's Uniform System of Accounts.

- b. Amounts paid to a number of consultants where sufficiently competent evidential material (i.e. contracts, written agreements, vendor memoranda, etc.) either did not exist or were not made available. Therefore, there was no adequate basis upon which to evaluate the propriety of the assignment of the costs to the project, or their qualification for eventual inclusion in rate base.

The staff proposes that these expenditures be disallowed, without prejudice to Northwest's reclaiming them upon submission of appropriate supporting information.

B. Other Partners

The other four partners claimed pre-partnership expenditures totaling \$38,366,883, including AFUDC of \$6,587,916. All of these expenditures were related to their membership and/or participation in CAGSL.

1. Review of CAGSL's Expenditures

During its existence, CAGSL^{5/} expended \$154,849,479 (Canadian) in the planning, researching, developing, formulating, testing and filing processes in an unsuccessful attempt to obtain the necessary

5/ See Exhibit No. 2 for background data on CAGSL.

Canadian and U. S. governmental certificates and permits required to construct and operate a primarily Canadian routed Natural Gas Transmission Line to transport Alaskan and Canadian Gas to the lower 48 states. The staff has determined that the amounts expended were properly authorized in accordance with CAGSL agreements, adequately documented and supported, and reasonably classified by cost categories. The cost categories and staff's determinations regarding possible future value to the Alaskan section of the ANGTS are as follows:

CAGSL Expenditures (Canadian Dollars)

<u>Cost Categories-Direct</u>	<u>Possible Future Value or Usefulness</u>	<u>No Future Value</u>	<u>Total</u>
Engineering and Construction Planning	\$ 8,762,705	\$ 57,057,095	\$ 65,819,800
Environmental Studies and Research	3,988,160	14,569,834	18,558,000
Sociological	763,138	3,554,362	4,317,500
Public Affairs	-	3,202,200	3,202,200
Gas Reserves and Market Studies	446,964	1,547,436	1,994,400
Reproduction of Hearing Material and Application	-	2,134,800	2,134,800
Environmental Impact Study	-	2,335,600	2,335,600
Termination Costs	-	1,267,100	1,267,100
Working Capital Included in Equalization at Merger ^{6/}	-	243,600	243,600
Subtotal	<u>13,960,973</u>	<u>85,912,027</u>	<u>99,873,000</u>
Direct Cost Ratios	<u>13.98%</u>	<u>86.02%</u>	<u>100%</u>
 <u>Cost Categories-General (Allocated Using Direct Cost Ratios Shown Above)</u>			
Finance, Accounting, Legal and Other Advisors	2,329,250	14,332,050	16,661,300
General and Administrative	4,361,187	26,834,713	31,195,900
Depreciation and Amortization	<u>108,247</u>	<u>666,053</u>	<u>774,300</u>
Costs through Aug. 31, 1977	<u>20,759,657</u>	<u>127,744,843</u>	<u>148,504,500</u>
Cash Calls Required from Sept. 1, 1977 through Jan. 31, 1978 ^{7/}	-	6,345,000	6,345,000
Totals at Jan. 31, 1978	<u>\$20,759,657</u>	<u>\$134,089,843</u>	<u>\$154,849,500</u>
Total Allocation	<u>13.41%</u>	<u>86.59%</u>	<u>100%</u>

^{6/} The Working Capital Included in the Equalization at Merger was payable to the CAGSL participants.

^{7/} The expenditures incurred by CAGSL after August 31, 1977 and through January 31, 1978 were for termination payments related to activities after CAGSL's dissolution.

The \$134,089,843 (Canadian) of CAGSL expenditures which are listed above as having no future value are not considered to be properly assignable to the Alaskan section of the ANGTS or of a nature that would qualify for inclusion in rate base because they have one or more of the following disqualifying features:

- a. They have no specific direct provable relationship or future benefit to the approved Alaskan section of ANGTS. The type expenditures included in this category relate to specific design, location, siting, and other items unique to the unsuccessful route;
- b. They are duplicative to other expenditures specifically related to the approved Alaskan section of the ANGTS. This classification includes all types of duplicative filing fees and related payments to the various U. S. and Alaskan governmental bodies;
- c. Similar activities or task related expenditures have never been considered capitalizable items by the Commission in the past. Costs of this classification are related to political lobbying and public relations type of activities;

d. They specifically relate to Canadian:

- (1) line design or layout,
- (2) land or rights-of-way,
- (3) gas supply,
- (4) regulatory filings.

Application of the findings of our audit of CAGSL expenditures to the related American dollar amounts recorded in ANNGTC's books, exclusive of AFUDC amounts, gives the following results.

	<u>CAGSL Costs Recorded on ANNGTC Books</u>	<u>No Future Value ^{8/}</u>	<u>Possible Future Value ^{9/}</u>
Pre-partnership Expenditures	<u>\$31,778,967</u>	<u>\$27,517,407</u>	<u>\$4,261,560</u>
Pan Alaskan Gas Company	\$ 8,011,392	\$ 6,937,064	1,074,328
Calaska Energy Company	7,783,286	6,739,547	1,043,739
Pacific Interstate Transmission Company (Arctic)	8,020,863	6,945,265	1,075,598
Northern Arctic Gas Company	7,963,426	6,895,531	1,067,895
	<u>\$31,778,967</u>	<u>\$27,517,407</u>	<u>\$4,261,560</u>

^{8/} Based upon allocation of 86.59% developed above.

^{9/} Based upon allocation of 13.41% developed above.

While the audit indicated that \$4,261,560 of pre-partnership expenditures may have possible future value to the approved Alaskan section of the ANGTS, no value at all has yet been demonstrated. Therefore, staff concludes that none of the \$38,366,883 of pre-partnership expenditures associated with CAGSL activities (\$31,778,967 of CAGSL costs plus \$6,587,916 of AFUDC related thereto) and properly assignable to the Alaskan section of the ANGTS.^{10/}

^{10/} ANNGTC's justifications for assigning CAGSL expenditures to the Alaskan section of the ANGTS are included in an application to FERC dated February 2, 1979. See Exhibit No. 4, page 5 to end.

2. Calaska Energy Company - Improper Method of Accounting for Canadian/United States Dollar Exchange Differences

Calaska was established in December 1978 as a wholly-owned subsidiary of Pacific Gas & Electric Company to participate in the ANNGTC partnership as of February 1, 1978.

In July of 1972, Pacific Gas & Electric Company (PG&E), Pacific Gas Transmission Company (PGT) (53% owned by PG&E), Montana Power Company and Alberta Natural Gas Company (a Canadian company 45% owned by PGT) joined the CAGSL as a group liable for one participant's share of CAGSL's expenditures.

Under the terms of the group's agreement, all payments to CAGSL were made in Canadian dollars by Alberta Natural Gas Company, without reimbursement by the other members of the group. The expectation was that CAGSL's proposal(s) would be successful and that Alberta Natural Gas Company would recover its net CAGSL expenditures by claiming them as part of the cost of the project(s). The agreement also provided that, in the event Alberta Natural Gas Company was unable to recover, it could require the other members of the group to reimburse it for its net CAGSL expenditures as follows:

Pacific Gas & Electric Company	55.65%
Pacific Gas Transmission Company	18.55%
Montana Power Company	7.25%
	<u>81.45%</u>