

# WHERE AND HOW TO FIND OIL AND GAS DATA IN ALASKA

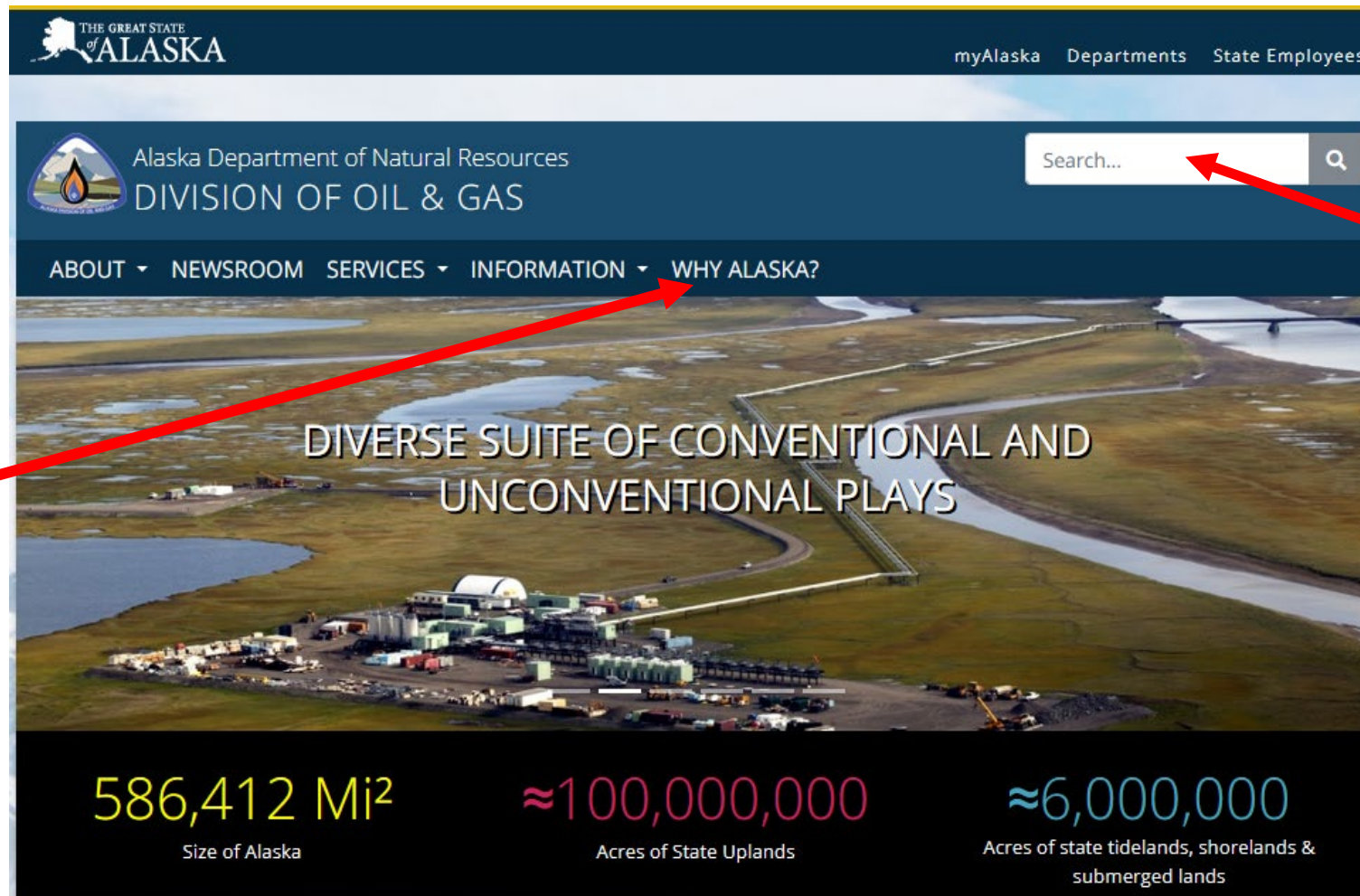
## Division of Oil and Gas Alaska Department of Natural Resources



*This slide show will function best if you save the .pdf to your device and run it from there. This makes use of the links easier.*

# How Do I GET TO THIS SLIDESHOW?

Go to the website directly: <https://dog.dnr.alaska.gov/Home/WhyAlaska>

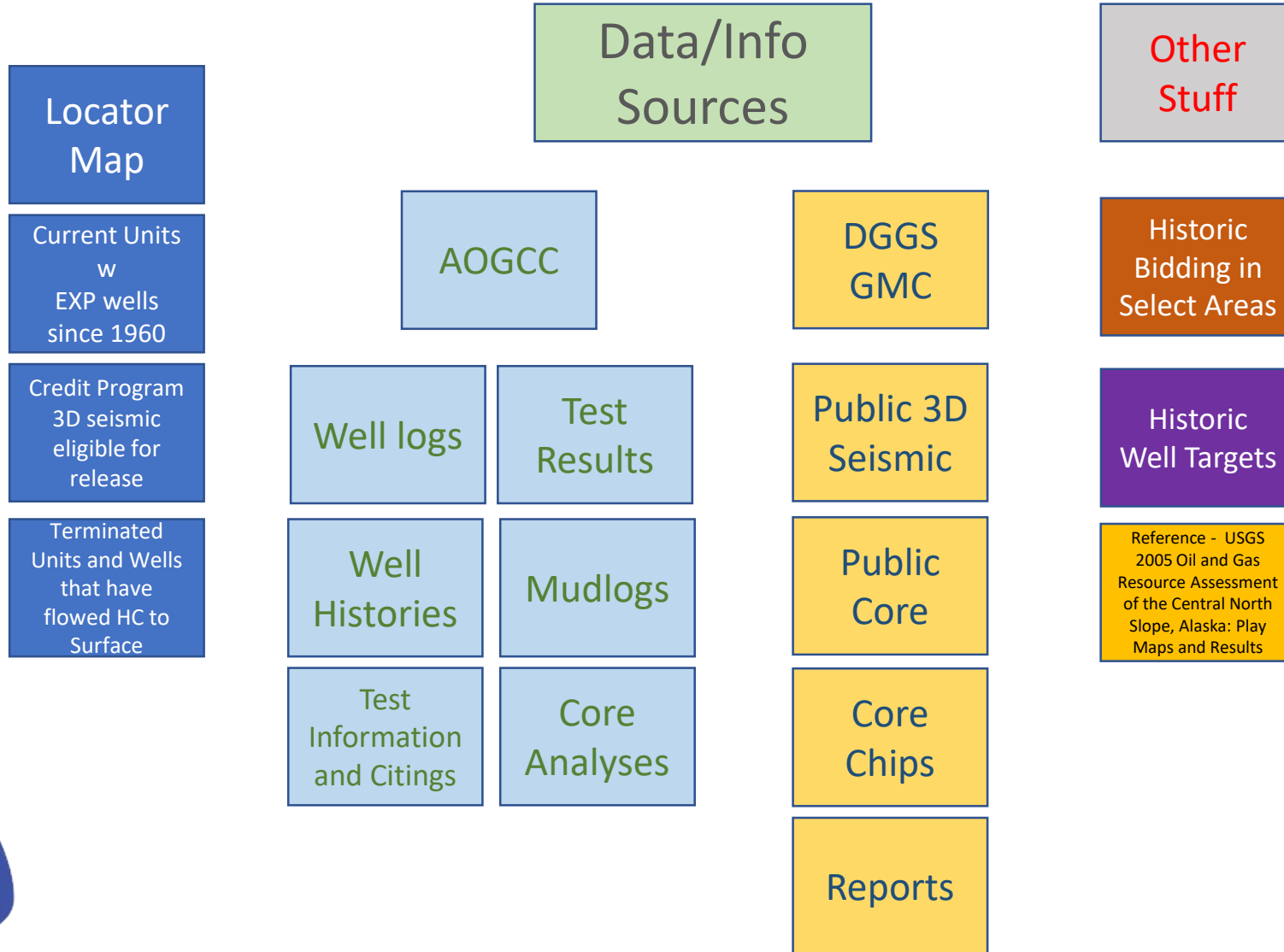


*or...Select Why Alaska? from the Division of Oil & Gas website main menu*

*or ... just type 'Locating O&G Data in Alaska' in the search bar at the DOG home page*



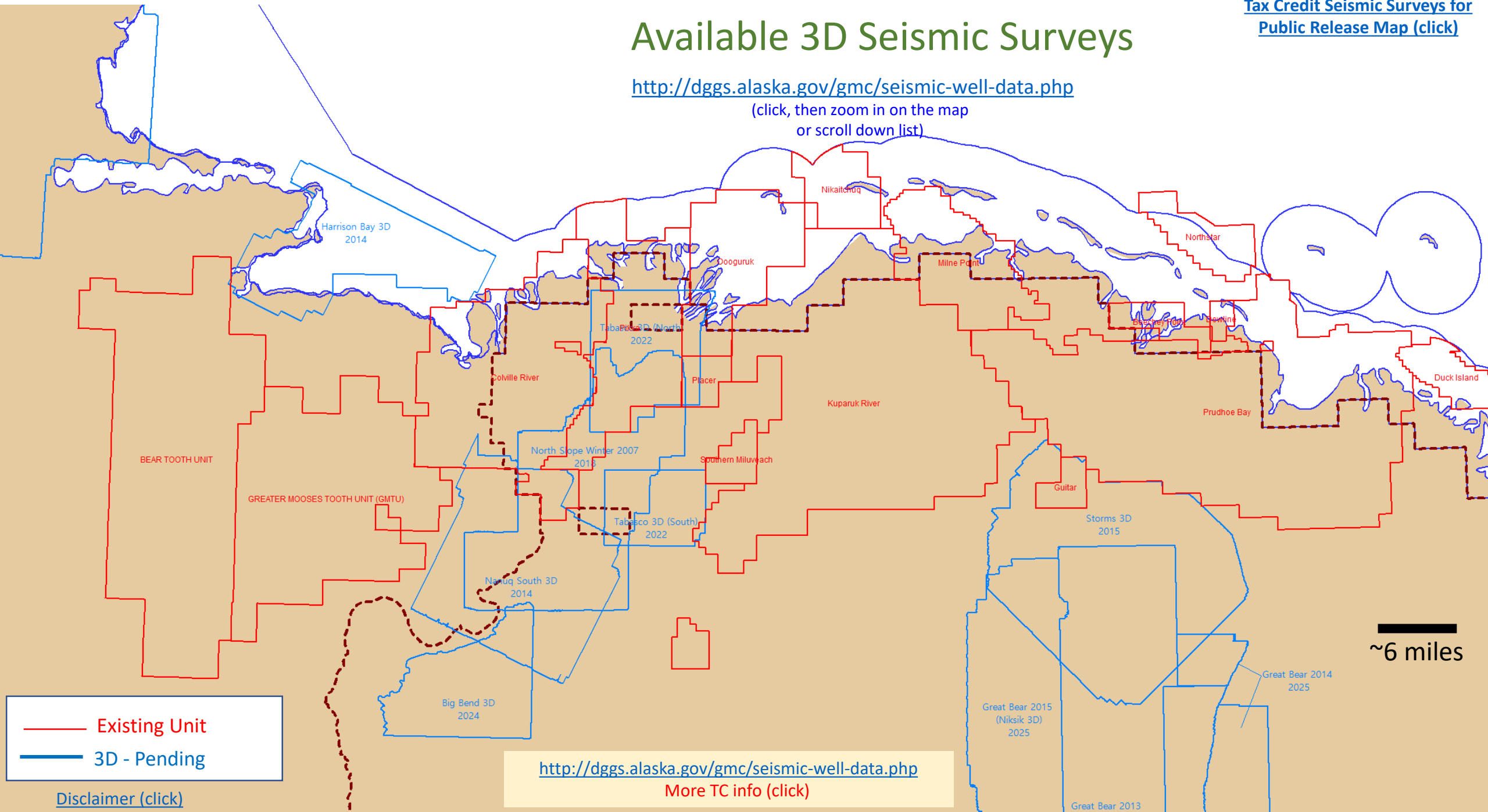
# State of Alaska Public Data



# Available 3D Seismic Surveys

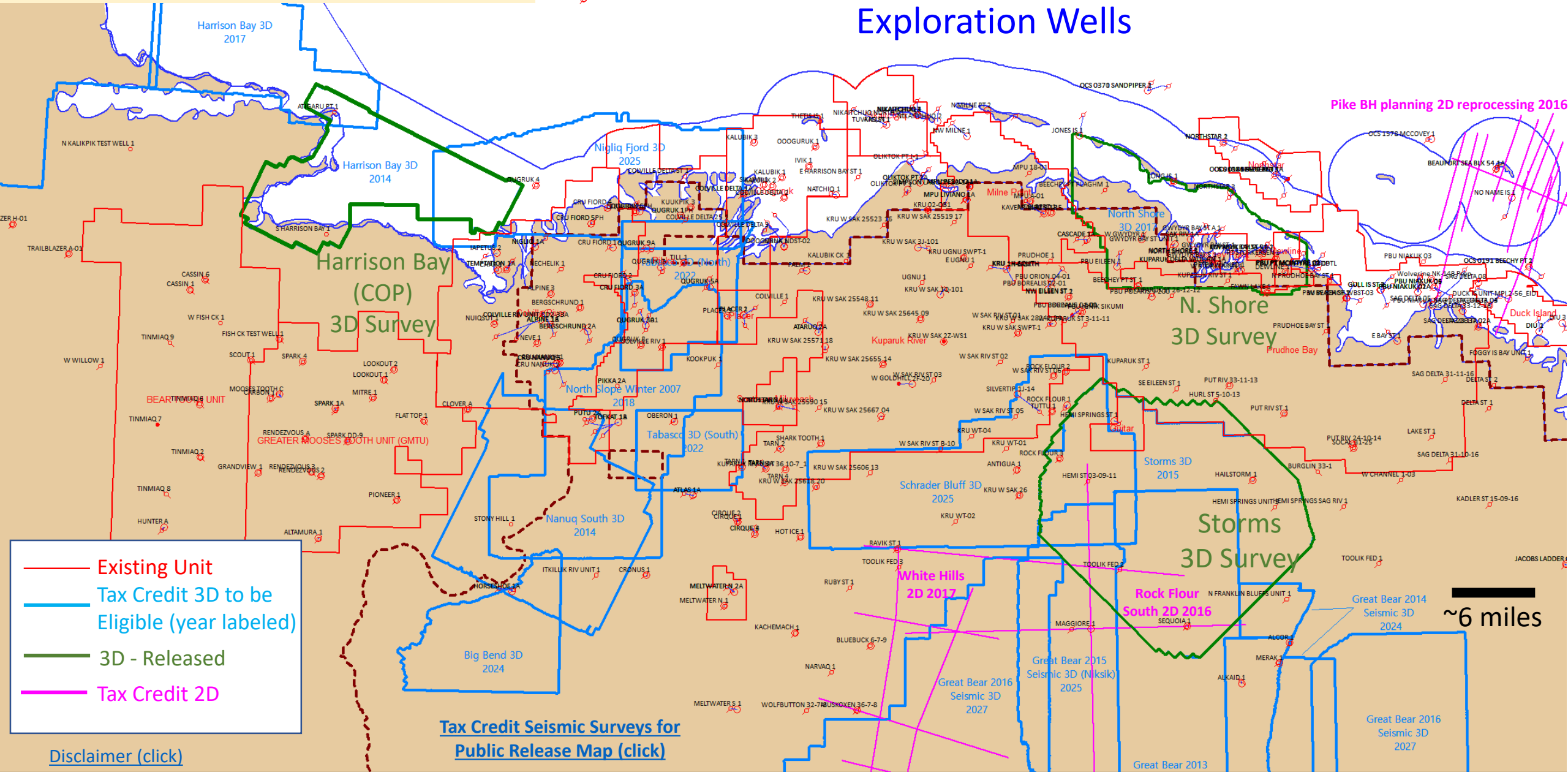
<http://dggs.alaska.gov/gmc/seismic-well-data.php>

(click, then zoom in on the map  
or scroll down list)



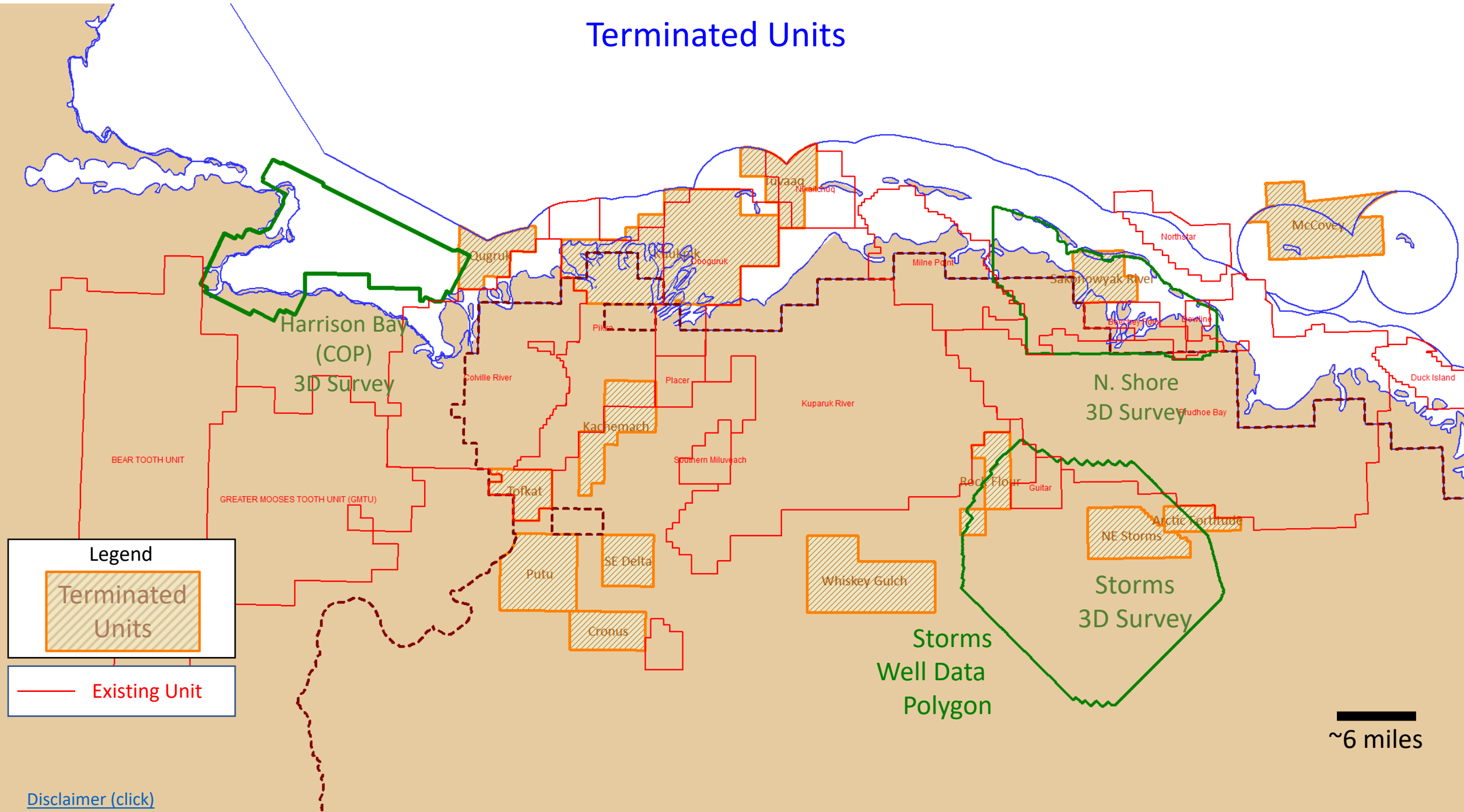
<http://dggs.alaska.gov/gmc/seismic-well-data.php>

## Pike BH planning 2D reprocessing 2016

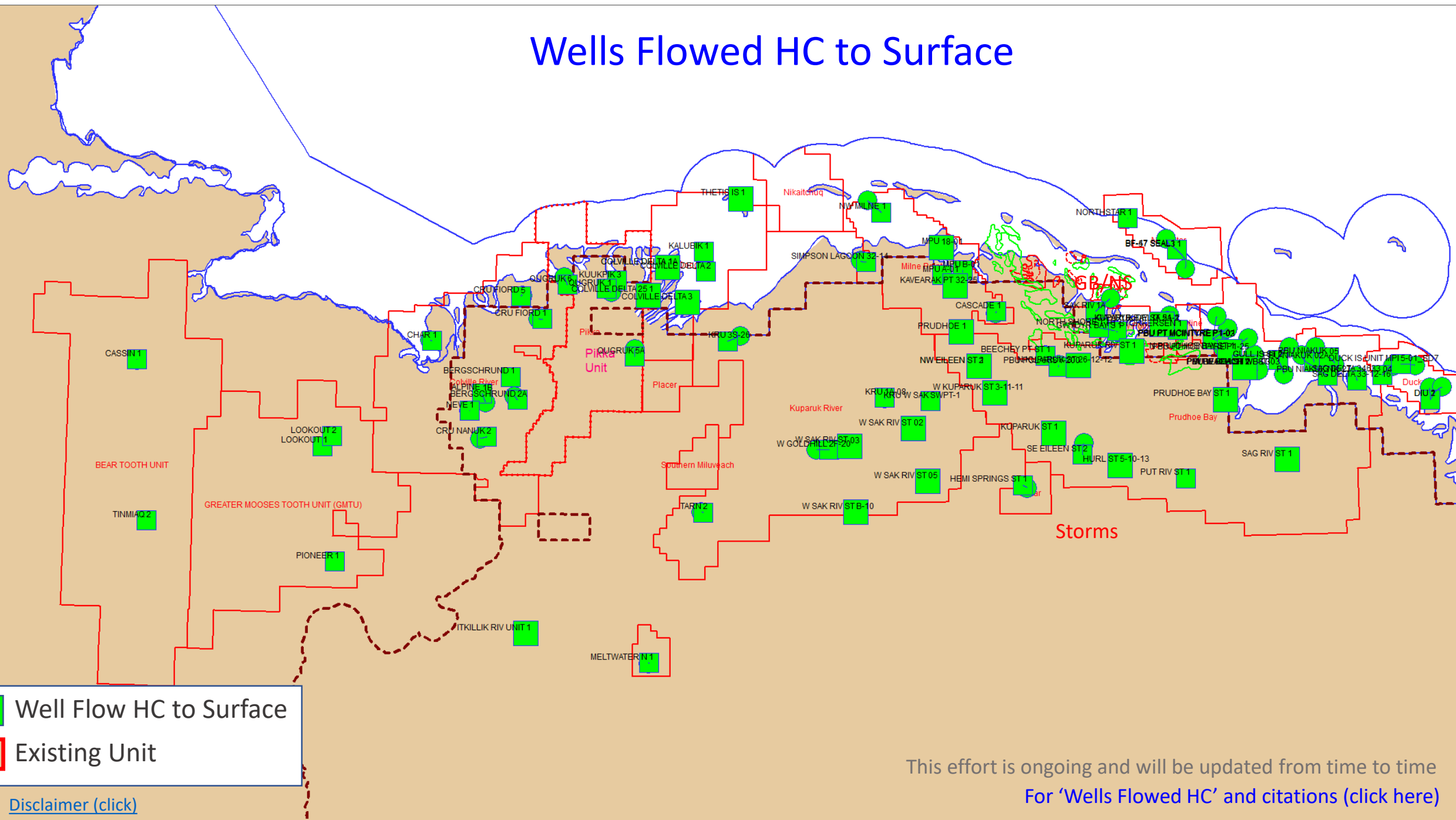





# Terminated Units



# Wells Flowed HC to Surface





Department of Commerce, Community, and Economic Development  
**ALASKA OIL AND GAS CONSERVATION COMMISSION**

Search

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State of Alaska / Commerce / Alaska Oil & Gas Conservation Commission / Home

## ALASKA OIL AND GAS CONSERVATION COMMISSION (AOGCC)

### Highlights

[Sign up](#) to receive AOGCC Public Hearing Announcements and Orders.

Have a question for AOGCC? [Email us](#) at aogcc.web@alaska.gov or call (907) 279-1433.

### Proposed repeal of regulations

The Alaska Oil and Gas Conservation Commission (AOGCC) proposes to repeal regulation changes in 20 AAC 25. of the Alaska Administrative Code. The Commission proposes to repeal 20 AAC 25.037 well control requirements for other drilling and completion operations; 20 AAC 25.047 reserve pits and tankage; 20 AAC 25.225 potential of gas wells; 20 AAC 25.245 common production facilities; 20 AAC 25.260 illegal production, 20 AAC 25.528 open pit storage of oil and 20 AAC 25.320 filing of forms.

- Public notice | Additional Information
- Detailed description of proposed repealed regulations

### Updated Bonding Requirements 20 AAC 25.025

Effective 5/18/2019

- Public notice | Additional information | Fiscal notes | Draft regulations
- Post Hearing Notice
- 20 AAC 25 025 Final

### EPA Memorandums of Agreement

- Memorandum of Agreement : 1991
- Compliance Assurance Agreement: 1991
- Signed Memorandum of Agreement: Underground Injection Control (UIC) Class II Wells: 1986

### Mission Statement

To protect the public interest in exploration and development of Alaska's valuable oil, gas, and geothermal resources through the application of conservation practices designed to ensure greater ultimate recovery and the protection of health, safety, fresh ground waters and the rights of all owners to recover their share of the resource.

**ALASKA OIL AND GAS CONSERVATION COMMISSION**

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Links

Statutes and Regulations

How to Apply

About Us

**Anchorage**

Mailing/Physical Address

333 W 7th AVE

Anchorage, AK 99501

Phone: (907) 279-1433

Fax: (907) 276-7542

## Alaska Oil and Gas Conservation Commission

333 W. 7th Ave  
Anchorage, Alaska 99501  
Phone: (907) 279-1433  
Fax: (907) 276-7542

**AOGCC – Data**  
<https://www.commerce.alaska.gov/web/aogcc/Data.aspx>

What's here?

- Production Data
- Digital log data (by request)
- Hydraulic Frac’ing Permits
- Drilling Data
- Digital Well (History) Files
- Directional Surveys (by request)
- Mudlogs (by request)
- Show reports (by request)
- Reports and charts
- Pool Statistics
- Data Miner 3
- Data Miner 2
- FTP Site

Useful AOGCC Links (click)

- <https://www.commerce.alaska.gov/web/aogcc/> - AOGCC Website
- <http://aogweb.state.ak.us/WebLink/Browse.aspx?cr=1&cc=1> - AOGCC Laserfiche Site for Well Histories
- [DataReqst.pdf](#) - AOGCC public data request form (well logs, mudlogs, test results, core analyses, core descriptions, etc)



# DGGS Alaska Geological Materials Center



What's here?

<https://dggs.alaska.gov/gmc/>

Public Core/Chips/SWC/Plugs etc  
 TC-released 2D and 3D Seismic  
 TC-released Well and Geologic Data  
 Paly slides  
 Paleo analyses  
 Geochem  
 Maps/Reports  
 Well cuttings

## Useful GMC Links

<http://dggs.alaska.gov/> - GMC website  
<http://dggs.alaska.gov/gmc/seismic-well-data-summary.html> - Credit Program Seismic & Well data summary  
<http://dggs.alaska.gov/gmc/seismic-well-data.php> - GMC public seismic and well data with request form  
<https://maps.dggs.alaska.gov/gmc/> - GMC data inventory  
<http://dggs.alaska.gov/pubs/advanced-search> - GMC publications/reports

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[Geologic Materials Center](#)
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[Links](#)

[Natural Resources > Geological & Geophysical Surveys > Geologic Materials Center - Inventory](#)

## Geologic Materials Center - Inventory

### On-line Inventory

Our live on-line inventory dataset (right) includes oil and gas well locations, mineral prospect locations, sample types, box-level details, and additional metadata for over 90% of the archived samples available at the Alaska GMC. The interactive inventory allows users to quickly and easily view details of the sample repository before visiting the facility. If you do not find materials appropriate to your research needs, please [contact us](#) at the GMC. We have search capabilities not available through the web search interface.

### Inventory Search

[Find GMC Inventory Samples](#)

The search interface functionality is dependent on the features of the particular web browser's operating system.

### Inventory Search

[Inventory Search Help & Hints](#)

### Sample Donations

[Learn About GMC Sample Donations](#)

See how new donations are made and review the catalogue of new GMC samples with the on-line search interface.

### What do we have?

The Alaska GMC in Anchorage holds non-proprietary rock core and cuttings that represent more than 16.7 million feet of unique energy exploration and production drilling samples and 76,000 linear feet of continuous core from more than 3,000 exploratory or production wells on Federal, State, and private lands in Alaska, including the Alaska outer continental shelf (map image, right). Additionally, the collection holds more than 354,000 linear feet of diamond-drilled hard-rock mineral core representing more than 2,100 exploratory and geotechnical boreholes. USGS, USBOM, USBLM, and energy industry archives are merged at the GMC to form a state-wide collection of 350,000 surface rock and sediment samples. Our catalogue of more than 198,000 processed slides contains a world-class palynology collection and numerous other microfossil, organic and petrographic thin sections, sediment, and thermochronology glass slides. Extensive geological and geochemical results derived from all third-party sampling of GMC materials are maintained in unreviewed [data and reports](#) and Alaska air USGS photos.

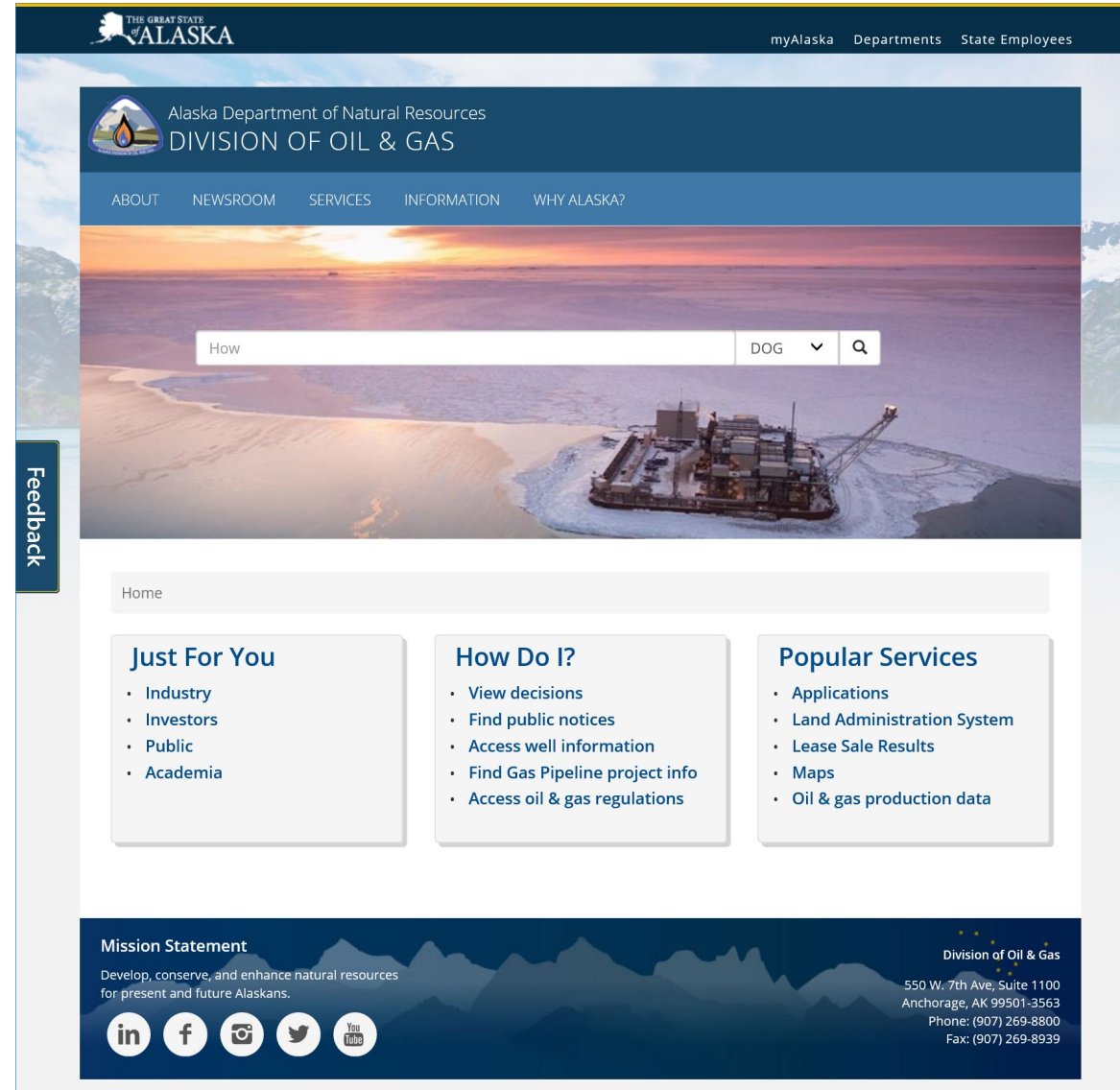
### Links to GMC SALSA Inventory Lists and Well history Files

[Harrison Bay \(click\)](#)  
[Gwydyr Bay/N.Shore \(click\)](#)  
[Storms \(click\)](#)

### Link to DGGS Publication List (click)

# Data/Information Sources

## Division of Oil & Gas (DOG)



What's here?

<http://dog.dnr.alaska.gov/>  
(click)

Newsroom – latest decisions/notices  
Royalty Services  
BIF and Lease Sale\*  
Data  
Maps & GIS  
Document Library  
Geological & Geophysical Data  
Studies

<http://dog.dnr.alaska.gov/Services/BIFAndLeaseSale>

\*Best Interest Findings – Lease Sale (click)

*Check under 'Current Lease Sales' to see if notice is out and details if it is.*

[Disclaimer \(click\)](#)

### Useful DOG Links (click)

<http://dog.dnr.alaska.gov/> - DOG homepage

<http://dog.dnr.alaska.gov/Information/DocumentLibrary> - DOG document library

<http://dog.dnr.alaska.gov/Information/GeologicalAndGeophysicalData> - DOG geophysical/geological data

<http://dog.dnr.alaska.gov/Information/Data> - DOG Data (Royalty, leasing)

<http://dog.dnr.alaska.gov/Information/MapsAndGis> - DOG Maps & GIS (leasing, unit, activity maps, etc) & shapefiles

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Click on "**Complete PDF Edition**" below to read the PDF newspaper or click on the headline of each article to read the text version of the article.

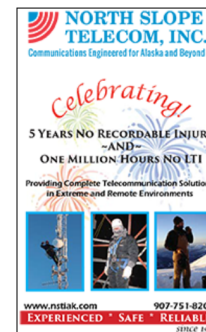


**Latest Petroleum News PDF**

#### **Complete PDF Edition** **Week of June 10, 2018**

- **ANWR seismic is planned - 06/10/2018** SAEExploration Inc., Arctic Slope Regional Corp. and Kaktovik Inupiat Corp. have filed with the federal Bureau of Land Management a plan for a proposed 3-D seismic survey program in the 1002 area of the Arctic National Wildlife Refuge. The program, referred to as the Marsh Creek 3-D, would encompass....
- **LNG giants teaming up - 06/10/2018** One more building block has fallen into place to secure the future of LNG Canada, putting the C\$40 billion project in sight for a final investment decision before year's end. Petronas, Malaysia's state-owned energy giant, announced it is taking an equity position — without disclosing the investment....
- **Pentex sale close deferred - 06/10/2018** In the latest twist in the Alaska Industrial Development and Export Authority's Interior Energy Project, the AIDEA board has extended to June 14 the timeframe for closing the sale of Pentex Natural Gas Co. to the Interior Gas Utility. The intent had been to close the sale by the end of May. The conc....
- **Conoco closes on west NS purchase - 06/10/2018** ConocoPhillips said June 4 that it has obtained approvals for the acquisition of Anadarko Petroleum Corp.'s 22 percent lease interests in the western North Slope of Alaska. ConocoPhillips announced the acquisition Feb. 1, saying at that time that it had signed a definitive agreement with Anadarko f....
- **Washington state, BC share concerns - 06/10/2018** An informal Pacific Coast cross-border alliance is taking shape in opposition to the movement of crude oil to export terminals connecting North America with energy hungry Asian markets. And the loose partnership of British Columbia, Washington, Oregon and California has gathered momentum now that Ca....
- **AIDEA converts its Mustang ownership interest to loan financing - 06/10/2018** During its May 31 meeting the board of the Alaska Industrial Development and Export Authority passed a resolution converting its ownership interests in the Mustang oil field on the North Slope to a loan to CaraCol Petroleum LLC, one of the field's working interest owners. The deal involves AIDEA sel....
- **Alyeska sets summer maintenance - 06/10/2018** It's planned maintenance season in Alaska, with Alyeska Pipeline Service Co. announcing several pipeline shutdowns this summer. The company said May 31 that the line-wide shutdowns, from 12 to 18 hours, allow for maintenance work along the line and at the Valdez Marine Terminal "while the pipeline l....
- **ANS production down marginally in April - 06/10/2018** Alaska North Slope crude oil production averaged 513,257 barrels per day in April, down 0.7 percent, 3,612 bpd, from a March average of 516,869 bpd, and down 5.5 percent from an April 2017 average of 543,252 bpd. Production data is from the Alaska Oil and Gas Conservation Commission, which provides....

- **Balash promotes more federal cooperation - 06/10/2018** During a speech at the Alaska Oil and Gas Association's annual conference on May 31 Joe Balash, assistant secretary for lands and minerals management in the U.S. Department of the Interior, said that the federal administration is intent on taking more of a partnership approach when working with the....
- **Hilcorp seeks RCA Drift River approval - 06/10/2018** Cook Inlet Pipe Line Co., a subsidiary of Hilcorp Alaska, has asked the Regulatory Commission of Alaska to authorize the permanent decommissioning of the Drift River Terminal and its associated infrastructure on the west side of Cook Inlet. Hilcorp is engaged in a project to reconfigure its Cook Inl....
- **Contraction planned for Redoubt unit - 06/10/2018** In a reflection that the revival of the Redoubt unit has arrived at a new phase, Glacier Oil & Gas Corp. has asked the state to contract the unit and to form a new participating area. Through its subsidiary Cook Inlet Energy LLC, the company made the application in November 2017 to comply with a sta....
- **Hilcorp buying Exxon out of Endicott line - 06/10/2018** Hilcorp Alaska acquired certain of BP's North Slope assets in early 2014, including all of BP's interests in the Endicott and Northstar oil fields and a 50 percent interest in Liberty and Milne Point. BP's interests in oil and gas pipelines associated with those fields were also included. Hilcorp a....
- **Exxon aims to boost earnings, production - 06/10/2018** Exxon's CEO says the company can more than double its earnings by 2025 and will invest in new oil and gas production even if policymakers adopt rules to combat climate change. Darren Woods told shareholders May 30 that technology like biofuels will allow the company to produce energy with lower car....
- **BLM retains ANWR public comment deadline - 06/10/2018** The federal Bureau of Land Management announced on June 4 that it will not extend the public comment period for the scoping of an environmental impact statement for an oil and gas lease sale program for the coastal plain of the Arctic National Wildlife Refuge. As previously determined, the comment p....
- **Final protesters removed from perches - 06/10/2018** The final two protesters who had perched themselves on trees and poles to block construction of a natural gas pipeline through Appalachia have come down. The Roanoke Times reports one protester was forcibly removed June 1 and another came down voluntarily as authorities approached. The June 1 action....
- **National rig count rises by 1 to 1,060 - 06/10/2018** The number of rigs drilling for oil and natural gas in the U.S. increased by one the week ending June 1 to 1,060. At this time a year ago there were 916 active rigs. Houston oilfield services company Baker Hughes reported that 861 rigs drilled for oil (up two from the previous week) and 197 for gas....



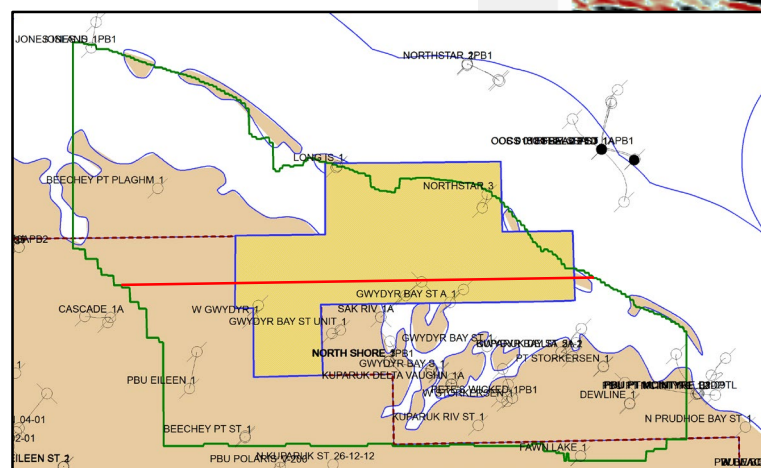
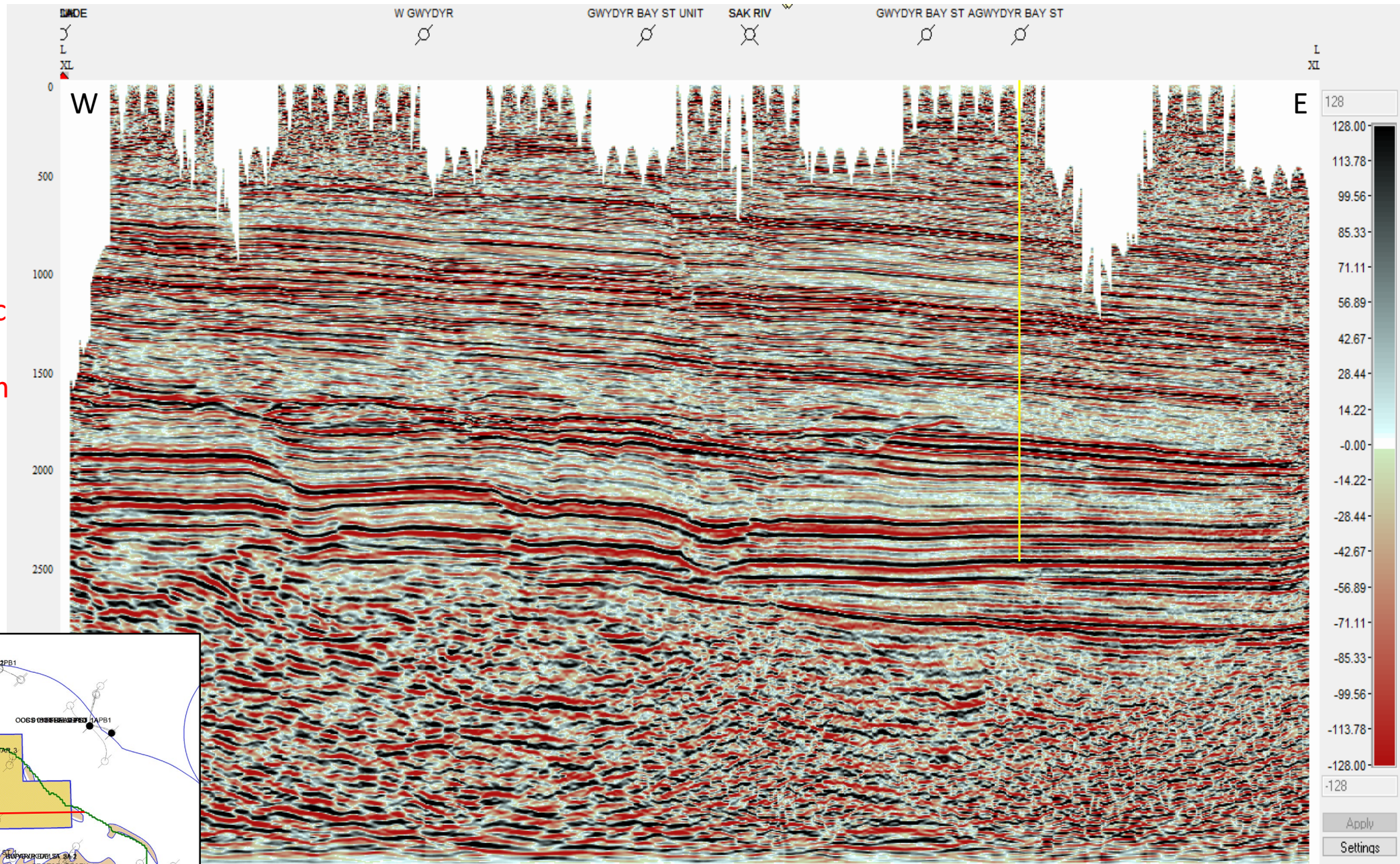
<http://www.petroleumnews.com/cgi-bin/start.cgi/petroleumnewslogin.html> (click)



[North Shore 3D  
GMC information  
sheet \(click here\)](#)

An example of the  
North Shore 3D seismic  
Released under the  
SOA Tax Credit Program

<http://dggs.alaska.gov/gmc/seismic-well-data.php>  
For info on available seismic data



Filtered Time Migrated Full Stack Northshore 3D

[Disclaimer \(click\)](#)



## Tools for more information on Leases

DNR provides online tools for researching land title, lease status, leasing history, and recorded documents within a lease sale tract (LST) or meridian, township, range, and section (MTRS). The US Department of Interior Bureau of Land Management (BLM) provides tools for researching land title and federal land surveys by MTRS. In addition, DO&G physical case files for oil and gas leases may be reviewed on request. Call (907)269-8800 or email [dog.leasing@alaska.gov](mailto:dog.leasing@alaska.gov) for more information. These online research tools are available at:

- DNR Land Administration System (LAS) – <http://dnr.alaska.gov/projects/las/>
- DNR Land Records – <http://dnr.alaska.gov/landrecords/>
- DNR Alaska Mapper – <http://dnr.alaska.gov/mapper/>
- DNR Recorder's Office – <http://dnr.alaska.gov/ssd/recoff/>
- BLM Spatial Data Management System (SDMS) – <https://sdms.ak.blm.gov/sdms/>



# Public Well Data

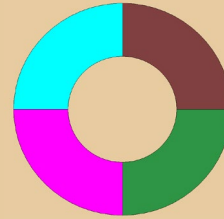
GR & RES Logs

TC well data

Density Log

Sonic Log

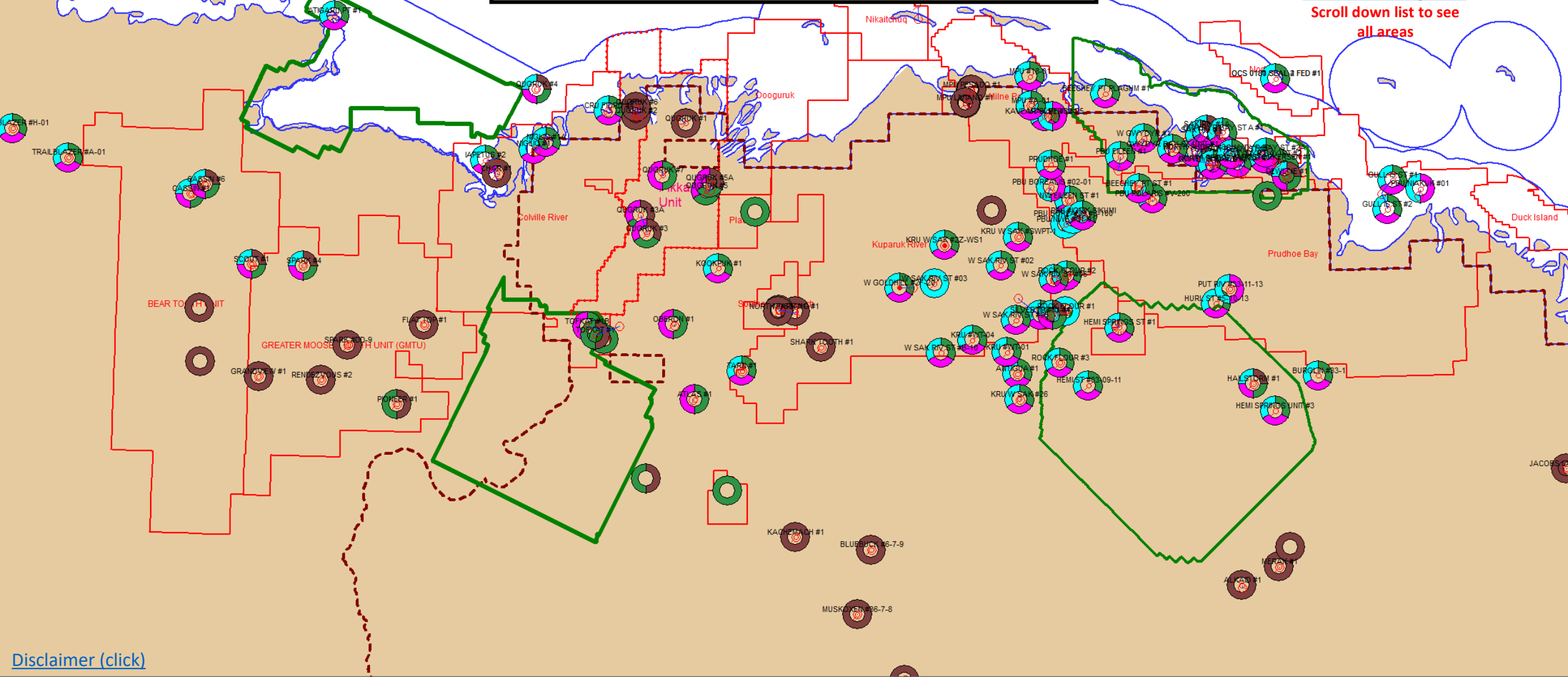
Public Data Legend



Symbols indicate presence of log in well **not** necessarily in all runs. For list ([click](#))

[SALSA Public Log Data](#)

Scroll down list to see all areas



### Requesting Data from AOGCC

#### Digital Well Logs

Digital data from wells on State lands can be obtained by contacting AOGCC Customer service.

Note: Please submit a completed data request form attached to your request.

Data Request Form: <http://doa.alaska.gov/ogc/data/DataReqst.pdf>

AOGCC Website: <http://doa.alaska.gov/ogc/>

Fill out the data request form

Provide well name and either API number or permit to drill (PTD) number

Additional wells (13+) should be attached in an excel file

A maximum of 30 wells may be requested per form

Email the signed request form to **[aogcc.customer.svc@alaska.gov](mailto:aogcc.customer.svc@alaska.gov)**

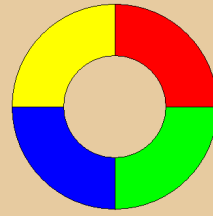
The AOGCC also provides a complete copy of all public digital log data with a catalog. The copy requires an empty 3TB hard drive, Windows formatted, with a USB 3.0 connection.

The AOGCC has 10 business days to respond to a public data request

## Data from select areas of interest

### Core Chips, Analysis, Mudlogs, Test Info

## Test Info



# Mudlog

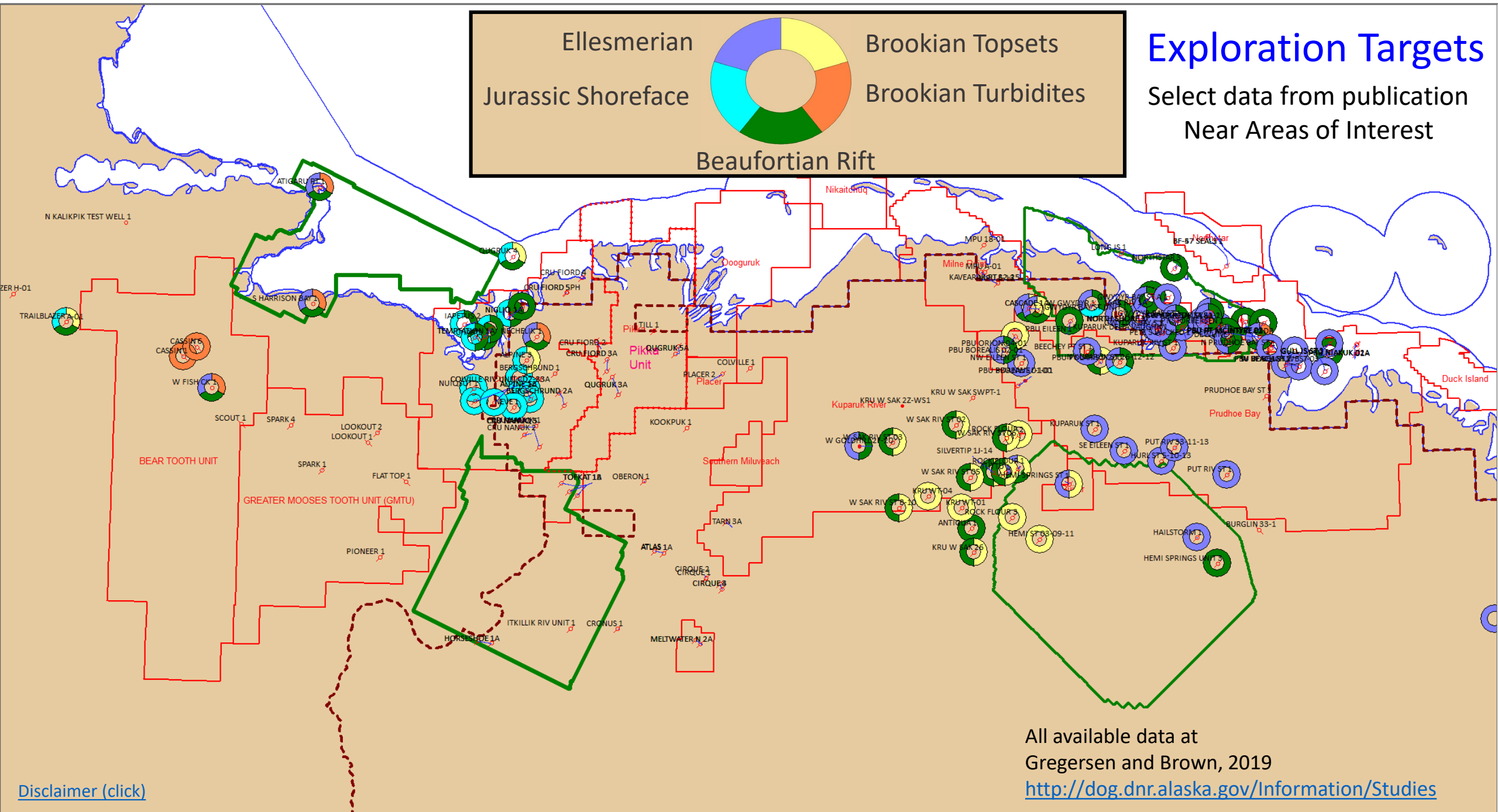
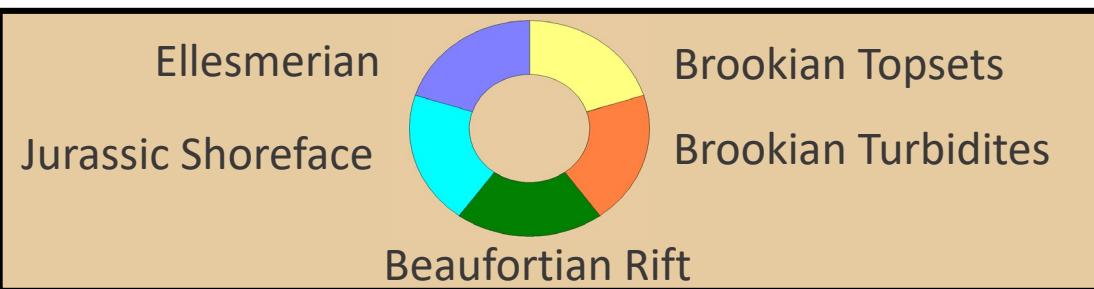
## Core Analysis

## Core/Chips etc

## Public Data Legend

[Search DGGS Publications](#)

[DGGs Data Reports Link \(click\)](#)



All available data at  
Gregersen and Brown, 2019  
<http://dog.dnr.alaska.gov/Information/Studies>

# Tax Credit Well Data

## For Updates

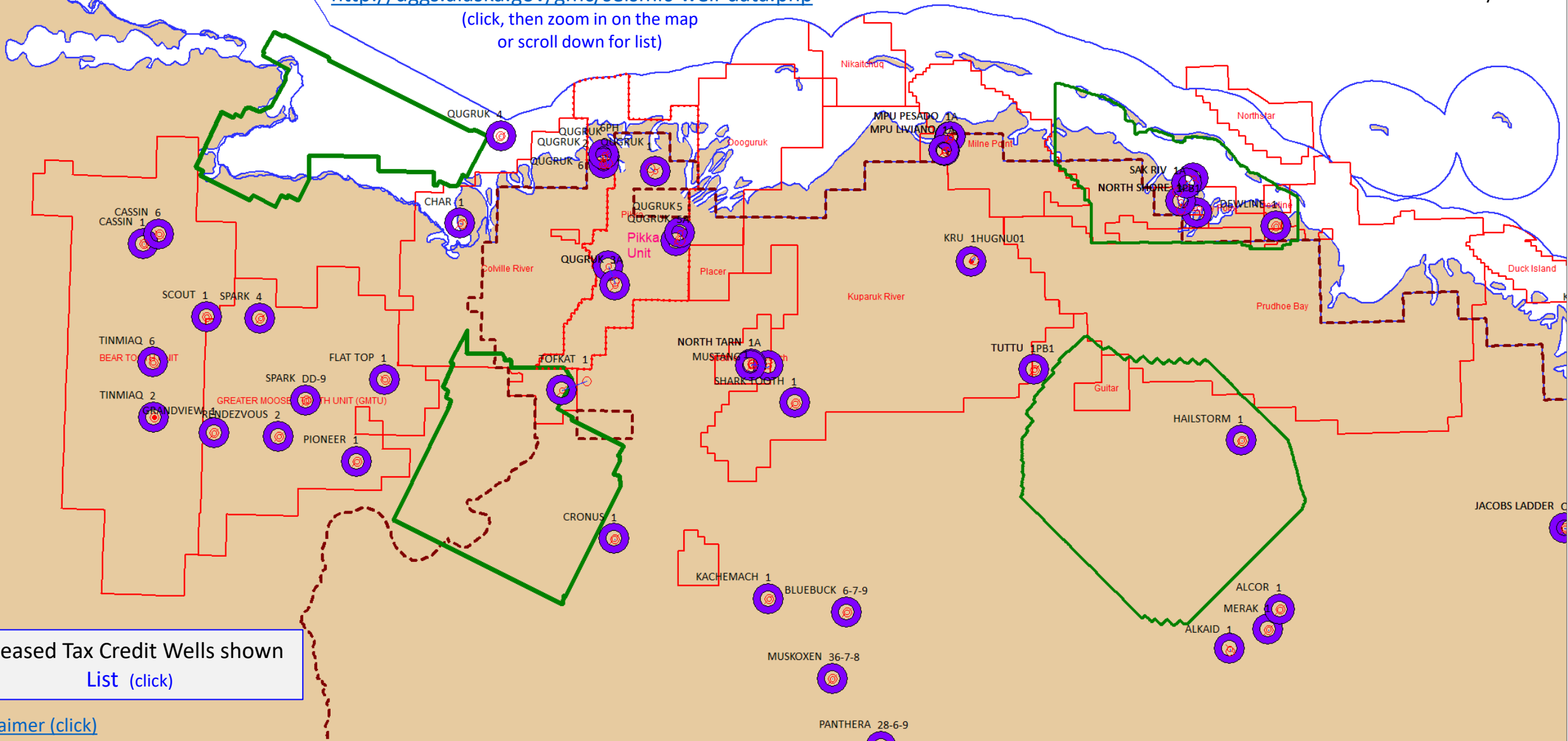
<http://dggs.alaska.gov/gmc/seismic-well-data.php>

(click, then zoom in on the map  
or scroll down for list)

TC status

 Released

\*Some with VSP or Checkshot Surveys

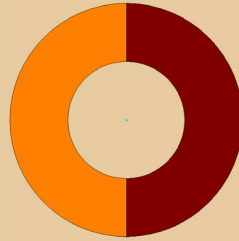


Released Tax Credit Wells shown  
[List \(click\)](#)

[Disclaimer \(click\)](#)



VSP Released

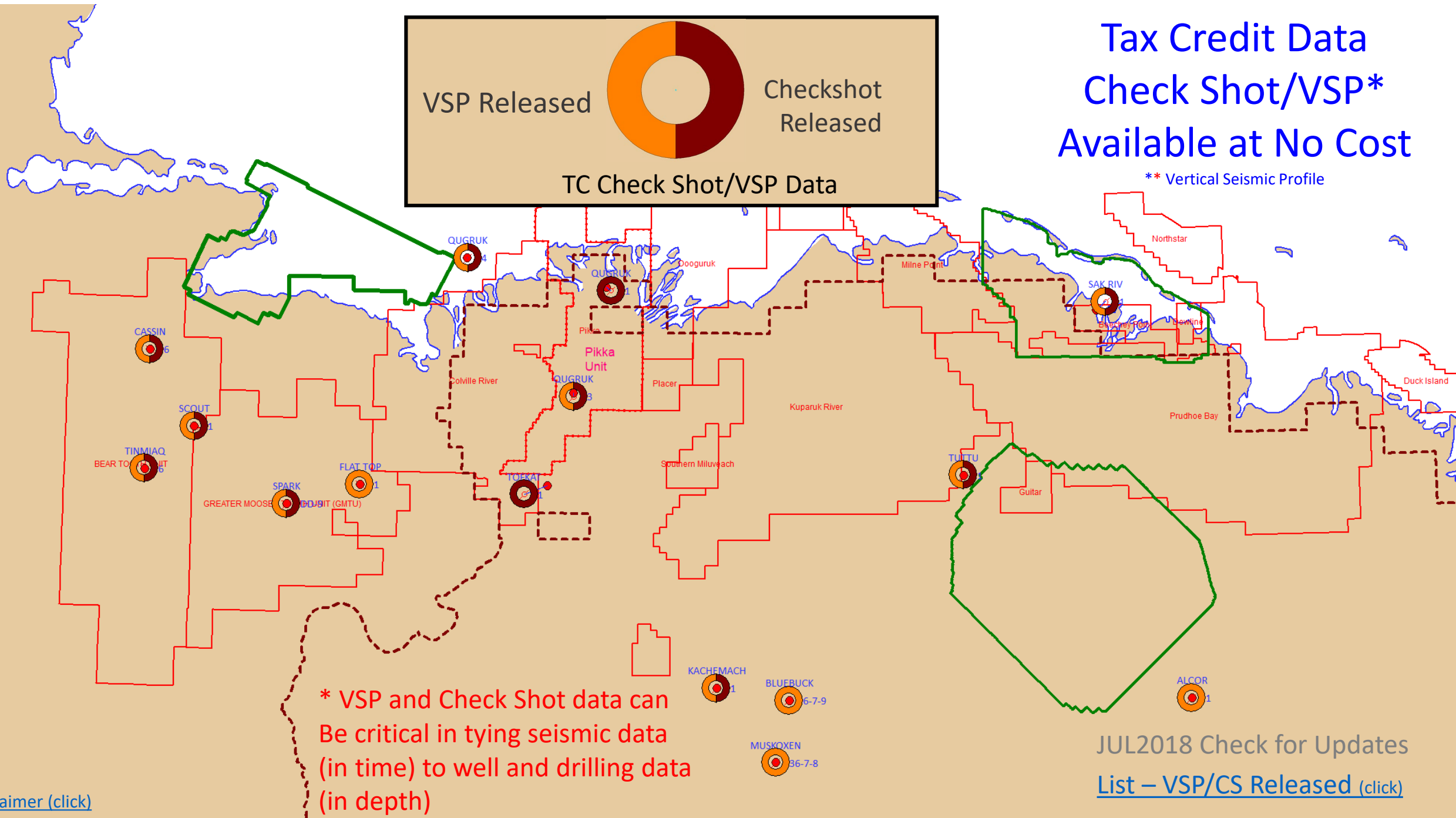


Checkshot  
Released

TC Check Shot/VSP Data

# Tax Credit Data Check Shot/VSP\* Available at No Cost

\* Vertical Seismic Profile



JUL2018 Check for Updates

[List – VSP/CS Released \(click\)](#)

Is there more information?



## **U.S. Geological Survey 2005 Oil and Gas Resource Assessment of the Central North Slope, Alaska: Play Maps and Results**

*By Christopher P. Garrity, David W. Houseknecht, Kenneth J. Bird, Christopher J. Potter,  
Thomas E. Moore, Philip H. Nelson, and Christopher J. Schenk*

<https://pubs.usgs.gov/of/2005/1182/>  
(click)

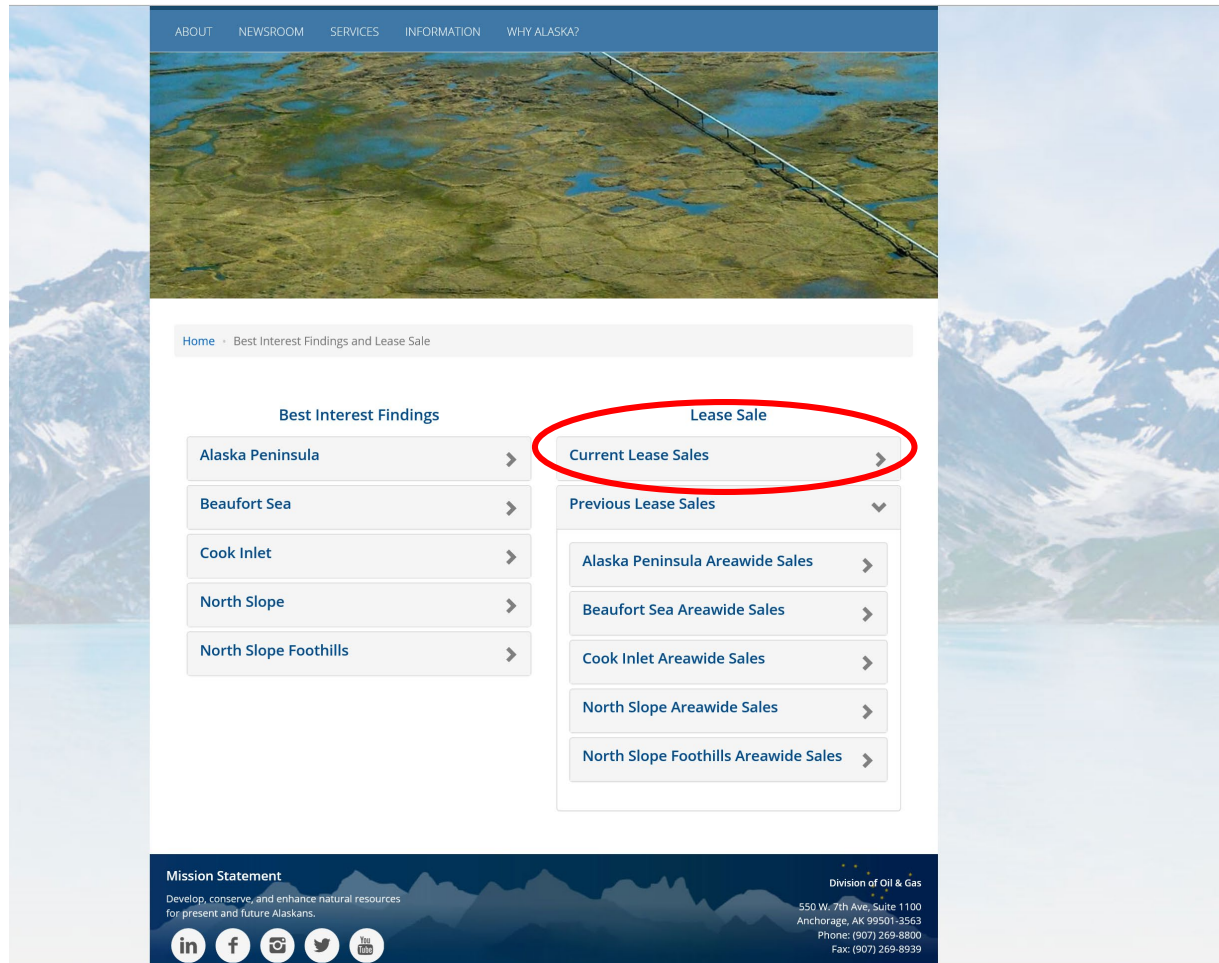
**New assessment coming soon**  
**Check USGS website**

Any use of trade, firm, or product names is for descriptive purposes only and does not  
imply endorsement by the U.S. Government

Open-File Report 2005-1182

# Official Lease Sale Terms & Conditions Notification information

[DOG Best Interest Findings \(BIF\) and Lease Sale Page](#)



Need more information?

Your best bet is to follow the links, contact the agency that holds the data.

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