

**STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER**

LAND USE PERMIT APPLICATION

AS 38.05.850

Applicants must complete all sections of this application. In addition, applicants proposing:

- the use of the uplands and non marine waters must also complete the Supplemental Questionnaire for Use of Uplands and Non Marine Waters accompanying this application;
- off-road travel must also complete the Supplemental Questionnaire for Off-Road Travel accompanying this application; and/or
- the use of tide and submerged lands must also complete the Supplemental Questionnaire for Use of Marine Waters accompanying this application.

Other items that must accompany the completed application are:

- a (non-refundable) \$100 application filing fee;
- a 1:250,000 or 1:63,360 scale USGS map showing the location of the proposed activity;
- additional items identified and required in any supplemental questionnaire(s) to this application; and
- additional pages if more space is necessary to answer the questions completely.

AS-Needed

Completed Land Use Permit Applications should be mailed to one of the following offices:

Public Information Center
550 W. 7th Ave, Suite 1260
Anchorage, AK 99501
(907) 269-8400

Public Information Center
3700 Airport Way
Fairbanks, AK 99709
(907) 451-2705

MLW Information Office
P.O. Box 111020
Juneau, AK 99811-1020
(907) 465-3400

LAS # 31244

Applicant Information:

<u>Nordic-Calista Services No. 1</u>		<u>CD 59670</u>	
Applicant Name		Date of Birth	
<u>Nordic-Calista Services No. 1</u>	<u>Anne Green</u>	<u>52-1432931</u>	EIN
Doing Business As		Contact Person	
<u>219 E. International Airport Road, suite 200, Anchorage, AK 99518</u>		<u>anne.green@nordic-calista.com</u>	
Mailing Address with City, State and Zip		Email Address	
<u>(907) 561-7458</u>	<u>() same</u>	<u>() same</u>	<u>(907) 563-8347</u>
Home Phone	Work Phone	Cell Phone	FAX

If you are applying for a corporation, give the following information: MA - not a corporation (Joint Venture)

Name, address and place of incorporation: _____

Is the corporation qualified to do business in Alaska? Yes [] No []. If yes, provide name, address and phone number of resident agent: _____

Type of User, Select one: [] Private non-commercial (personal use) [] Commercial Recreation or Tourism
[] Public Non-profit including Federal, State, Municipal Government Agency [X] Other commercial or industrial

Duration of Project: The proposed activity will require the use of state land for: (Check one)

[] a single term of less than one year. Beginning month: _____ Ending month: _____

[X] a multi year term for up to 5 years. Beginning year: 2016 Ending year: 2021

If multi year and seasonal, circle months of use in each year. Jan., Feb., Mar., Apr., May, Jun., Jul., Aug., Sept., Oct., Nov., Dec.

Site Description continued - Describe the natural vegetation --- ground cover, trees, shrubs --- and any proposed changes. Describe the location of any estuarine, riparian, or wetlands and any noticeable animal use of area.

Site Access - Describe how you plan to access the site, and your mode of transportation.

If your access is by aircraft, specify the type and size of aircraft: _____

To access the site, the aircraft is equipped with floats wheels skis .

Number of people

- 1. Indicate the number of employees and supervisors who will be working on the site. 0
- 2. Indicate the number of customers who will be using the site per year or season. 0
- 3. Indicate the number of days the site will be used per year or season. Variable, depending on rig status

Environmental Risk / Hazardous Substances - In the course of your proposed activity will you generate, use, store, transport, dispose of, or otherwise come in contact with toxic and/or hazardous materials, and/or hydrocarbons? Yes No . If yes, please describe:

See attached

The types and volumes of fuel or other hazardous substances present or proposed: _____

See attached

The specific storage location(s): See attached

The spill plan and prevention methods: See NCS Rig 3 mobile Workover / Completion Drilling Rig Spec.

**STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER**

- | | | | |
|--|--|---|--|
| <input type="checkbox"/> Contract Administration
550 W 7th Ave., Suite 640
Anchorage, AK 99501-3576
(907) 269-8594 | <input type="checkbox"/> Northern Region
3700 Airport Way
Fairbanks, AK 99709
(907) 451-2740 | <input type="checkbox"/> Southcentral Region
550 W 7th Ave., Suite 900C
Anchorage, AK 99501-3577
(907) 269-8552 | <input type="checkbox"/> Southeast Region
400 Willoughby,
Suite #400
P.O. Box 111020
Juneau, AK 99801
(907) 465-3400 |
|--|--|---|--|

APPLICANT ENVIRONMENTAL RISK QUESTIONNAIRE

The purpose of this questionnaire is to help clarify the types of activities you propose to undertake. The questions are meant to help identify the level of environmental risk that may be associated with the proposed activity. The Division of Mining, Land and Water's evaluation of environmental risk for the proposed activity does not imply that the parcel or the proposed activity is an environmental risk from the presence or use of hazardous substances.

Through this analysis, you may become aware of environmental risks that you did not know about. If so, you may want to consult with an environmental engineer or an attorney.

Nordic - Calista Services
Applicant's Name Doing Business As

219 E. International Airport Road, Suite 200, Anchorage, AK 99518
Address City State Zip

(907) 351-8807 (907) 561-7458 anne.green@nordic-calista.com Anne Green
Message Phone Work Phone E-Mail Contact Person

Describe the proposed activity:

Rig storage & remote camp storage

In the course of your proposed activity will you generate, use, store, transport, dispose of, or otherwise come in contact with toxic and/or hazardous materials, and/or hydrocarbons? Yes No

If yes, please list the substances and the associated quantities. Use a separate sheet of paper, if necessary.

Attached

If the proposed activities involve any storage tanks, either above or below ground, address the following questions for each tank. Please use a separate sheet of paper, if necessary, and, where appropriate, include maps or plats:

a. Where will the tank be located? Attached

b. What will be stored in the tank? Attached Maximum Qty listed
Unlikely to be full

c. What will be the tank's size in gallons? Attached

d. What will the tank be used for? (Commercial or residential purposes?) _____

e. Will the tank be tested for leaks? Yes

f. Will the tank be equipped with leak detection devices? Yes No . If yes, describe: When in use
Yes, in storage no except for inspections.

Do you know or have any reason to suspect that the site may have been previously contaminated? Yes No .

If yes, please explain: _____

I certify that due diligence has been exercised and proper inquiries made in completing this questionnaire, and that the foregoing is true and correct to the best of my knowledge.

Applicant [Signature]

Date 6-15-16

AS 38.05.035(a) authorizes the director to decide what information is needed to process an application for the sale or use of state land and resources. This information is made a part of the state public land records and becomes public information under AS 40.25.110 and 40.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(9) and confidentiality is requested). Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 44.99.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit are punishable under AS 11.56.210.

Overview

This Spill Prevention Control and Countermeasure (SPCC) Plan is specifically prepared for the following mobile workover/completion drilling rig facility operating in Alaskan based oilfields:

Nordic-Calista Services Inc.

- Rig No. 3 Mobile Workover/Completion Drilling Rig (Rig No. 3)

All facility ASTs are owned and operated by Nordic-Calista Services, Inc (Nordic-Calista). Areas of bulk hydrocarbon storage in above ground storage tanks (ASTs) present at this facility at the time of SPCC site inspection are as follows:

SPCC Regulated ASTs and Nominal Capacity:

Rig Camp No. 3

- Camp Diesel Fuel Tank, 3,500 gallons
- Camp Generator Day Tank, 110 gallons

Rig No. 3

Level 1

- ~~Mud Pits, 4 each, 32,340 gallons (total)~~
- Engine Room**
 - Bulk Engine Oil AST, 110 gallons
- Motor Room**
 - Waste Oil Tote, 400 gallons

Level 2

- Rig Hydraulic Oil AST, 205 gallons
- Hydraulic Power Skid ASTs, 2 each, 959 gallons each
- Accumulator AST, 255 gallons
- Rig Fuel AST, 9,900 gallons
- ~~Trip Tank, 2,100 gallons~~
- ~~Slop Tank, 2,772 gallons~~
- ~~Cuttings Box, 8,400 gallons~~
- Pump Room**
 - 90 Wt Gear Oil AST, 110 gallons
- Air Compressor Room**
 - TDU Power Pack AST, 155 gallons

Level 3

- Tioga Day Tank, 100 gallons
- Rig Heating Oil AST, 5,000 gallons

In aggregate, the Rig No. 3 Mobile Facility SPCC-regulated ASTs do not exceed the threshold requirements specified under the Certification of the Applicability of Substantial Harm Criteria Checklist for a Facility Response Plan (FRP) per 40 CFR 112.20. The completed FRP checklist is attached in Appendix A. The following ASTs are non SPCC-regulated:

Non SPCC Regulated ASTs:

Rig Camp No. 3

- Shop Motor Oil Storage Tank, 46 gallons
- ~~Camp Water Tank~~

Rig No. 3

Level 1

- ~~Draw Works Coolant Tank~~
- ~~Sewage Tank~~
- ~~Rig Water Tank~~

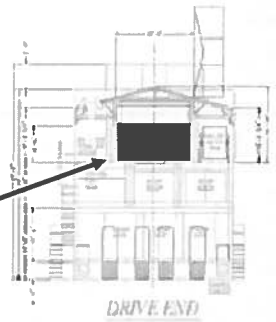
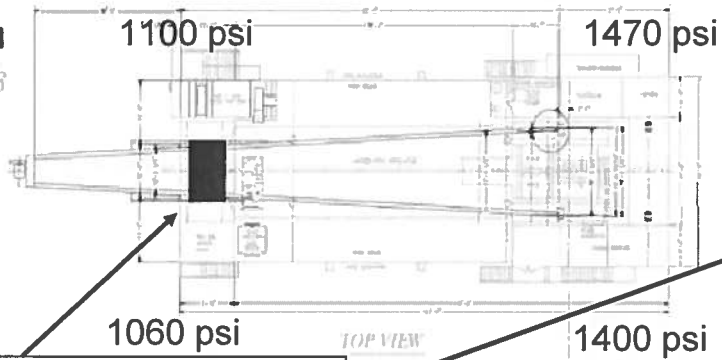
Level 2

- Glycol Tank
- Boiler Room Glycol Tank
- Poor Boy Degasser

On December 5, 2008, EPA amended the Spill Prevention Control, and Countermeasures (SPCC) rule to provide increased clarity with respect to specific regulatory requirements, to tailor requirements to particular industry sectors, and to streamline certain rule requirements. Including a clarification that drilling and workover activities are not subject to the provisions of section 112.9 Onshore Oil Production Facilities. This final rule is effective on January 14, 2010.

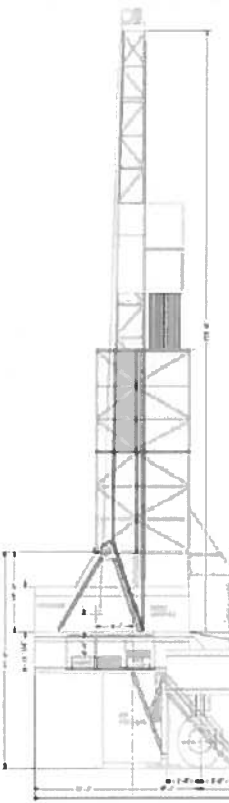
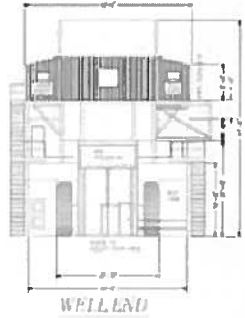
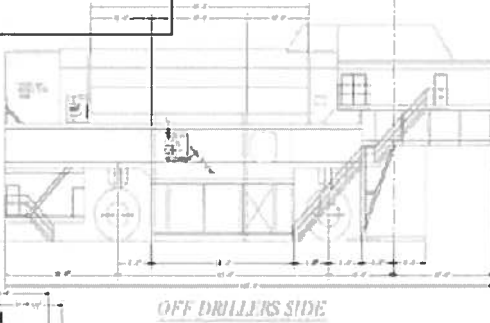
As a result of numerous amendments to the original SPCC rule compliance deadlines for facilities have been revised (most recent amendments: December 5, 2008 and November 13, 2009, effective January 14, 2010). Under these amendments a facility that was in operation on or before August 16, 2002 is required to make any necessary amendments to its SPCC Plan and implement that Plan on or before November 10, 2010. In addition, a facility that came into operation after August 16, 2002 would have to prepare and implement an SPCC Plan on or before November 10, 2010.

Average Jack Pressures from 8 moves in 2008



Scott-
The tank will sit approximately here.
Ben

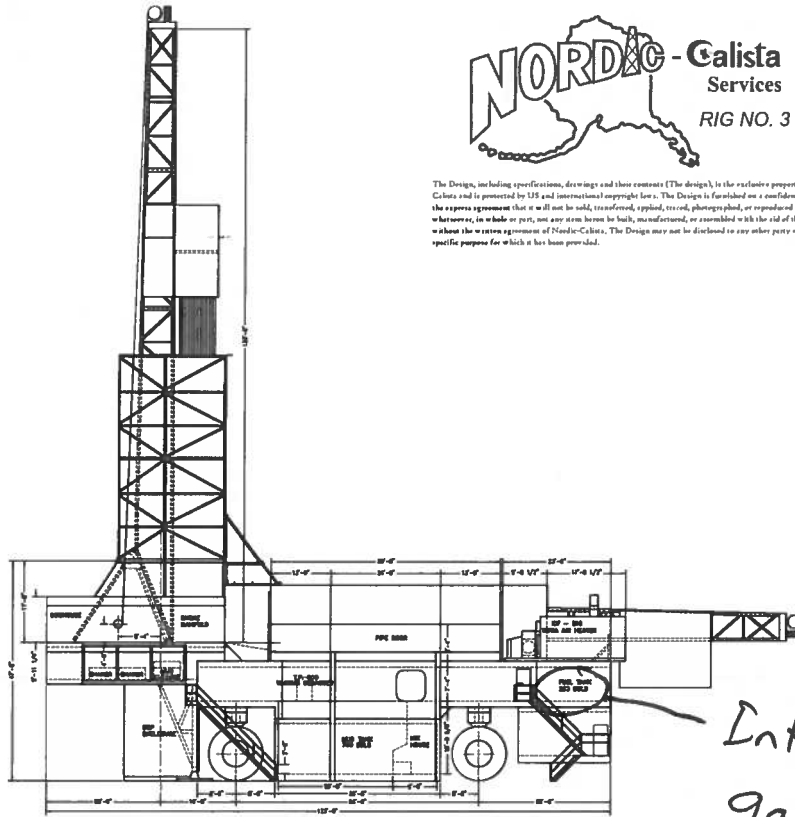
1060 psi



<p>CASSADY ENGINEERING LTD. ONE OF SEVEN COMPANIES OF THE BAKER GROUP</p>	SCALE	
	DATE	
	DESIGNED BY	
	CHECKED BY	
	DATE	
MOTORIC GALISTA RIG 3		
DWG NO. N3421	SHEET NO. 1	OF 1

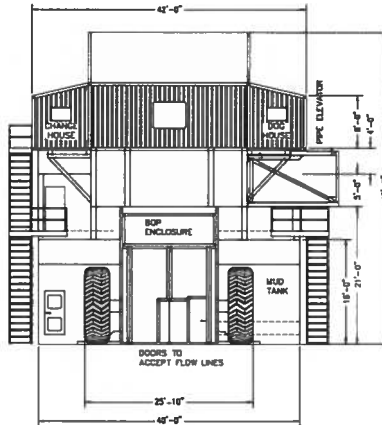


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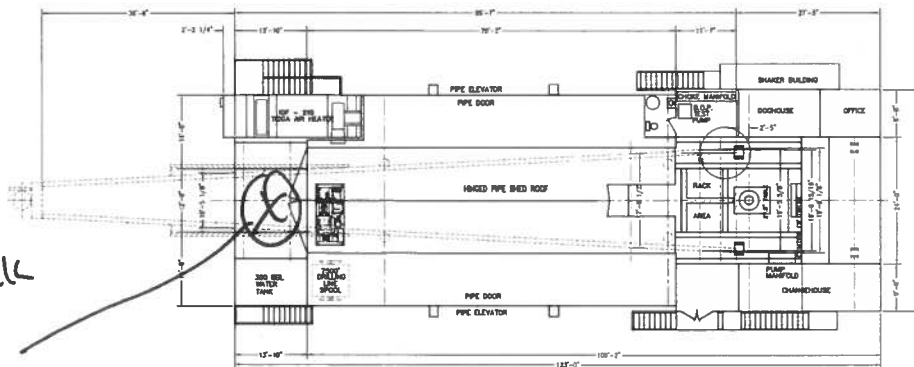


Drillers Side

Integral ULSD
9900 Gallon



Well End



TOP VIEW

On Deck
Rig Heating Oil
5,000 Gallon

Rig No. 3 Integral Heating Oil AST

The 5,000-gallon integral, shop-fabricated, double-walled, horizontal rectangular AST is located on the third level of the rig. This AST is equipped with the following attachments: extended lengthwise flange skids; a 6-foot by 3-foot by 8.5-foot insulated pump enclosure; dual pumps with manual controllers and 1-inch diameter supply piping; an overhead dome light; level gauge and leak monitor gauge; overfill protection valve; 2-inch steel fill piping; OSHA end ladder; hose reels with 1-inch diameter and approximately 20 feet long arctic grade hoses; 8-inch diameter atmospheric and emergency vents; anti-siphon valve, and a low fill box with valves and cam adapter.

This AST fuels the two rig boilers and a fixed air heater via 1-inch diameter steel supply piping and 1/2-inch diameter steel return piping. This AST is filled via a 2-inch diameter steel fill pipe by a third-party contracted mobile refueler.

Rig No. 3 Integral Fuel AST

The 9,900-gallon, integral shop-fabricated, double-walled, horizontal rectangular AST located on the second level of the rig. This AST is filled via a 2-inch diameter steel fill pipe and supplies fuel to rig engines via 1-inch diameter steel supply piping. This AST also supplies fuel to rig support equipment and vehicles via a 3/4-inch diameter, approximately 20-ft long, arctic grade hose with a single point nozzle equipped with an automatic shut-off. The hose is stored on a hose reel inside a fueling cabinet located on the exterior ground level of the rig.

Individual ASTs volumes and overfill protection systems are listed by rig level in Table 1. Rig AST dimensions, AST volume calculations, and secondary containment calculations are available in Appendix B.

Type of Oil and Compatibility

The type of oil, size and secondary containment methods for the tank and associated piping are summarized below in Table 1. ASTs and piping are compatible with the contained fluids. No reportable releases have been recorded for this drilling rig.