

STATE OF ALASKA
ALASKA OIL AND GAS CONSERVATION COMMISSION
APPLICATION FOR CERTIFICATION OF GAS STORAGE CAPACITY

AS 31.05.032

Name and Address of Operator	Name of Storage Facility:
	Authorizing Storage Injection Order:

Type of Storage Facility: _____ Depleted Gas Pool: ____ Depleted Oil Pool: ____ Storage Tanks: ____ (see note below)

INITIAL RESERVOIR PROPERTIES

Original Oil in Place (MSTBO)	Original Solution Gas In Place (MMSCF)	Original Free Gas In Place (MMSCF)	Oil Rim Volume (Acre-Feet)	Gas Cap Volume (Acre-Feet)
Average Oil Saturation in Oil Rim	Average Gas Saturation in Oil Rim	Average Water Saturation in Oil Rim	Average Porosity in Oil Rim	Average Permeability in Oil Rim (md)
Average Oil Saturation in Gas Cap	Average Gas Saturation in Gas Cap	Average Water Saturation in Gas Cap	Average Porosity in Gas Cap	Average Permeability in Gas Cap (md)
Gas-Oil Contact (TVDSS)	Gas-Water or Oil-Water Contact (TVDSS)	Initial Reservoir Pressure (psia)	Bubble Point Pressure (psia)	Oil Formation Volume Factor (RB/STB)
Gas Formation Volume Factor (RCF/SCF)	Solution Gas Oil Ratio	Z Factor		

RESERVOIR PROPERTIES AT COMMENCEMENT OF STORAGE OPERATIONS

Cumulative Oil Production (MSTBO)	Cumulative Water Production (MSTBW)	Cumulative Gas Production (MMSCF)	Cumulative Water Injection (MSTBW)	Cumulative Gas Injection (MMSCF)
Gas-Oil Contact (TVDSS)	Gas-Water or Oil-Water Contact (TVDSS)	Reservoir Pressure (psia)	Oil Formation Volume Factor (RB/STB)	Gas Formation Volume Factor (RCF/SCF)
Solution Gas Oil Ratio	Z Factor			

CURRENT RESERVOIR PROPERTIES

Cumulative Oil Production (MSTBO)	Cumulative Water Production (MSTBW)	Cumulative Gas Production (MMSCF)	Cumulative Water Injection (MSTBW)	Cumulative Gas Injection (MMSCF)
Gas-Oil Contact (TVDSS)	Gas-Water or Oil-Water Contact (TVDSS)	Reservoir Pressure (psia)	Oil Formation Volume Factor (RB/STB)	Gas Formation Volume Factor (RCF/SCF)
Solution Gas Oil Ratio	Z Factor			

STORAGE FACILITY OPERATIONAL CONSTRAINTS

Minimum Cushion Gas Volume (MMSCF)	Estimated Reservoir Pressure at Minimum Cushion Gas Volume (psia)	Z Factor at Minimum Cushion Gas Volume	Maximum Allowable Reservoir Pressure for Storage Facility (psia)	
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WELLS CURRENTLY COMPLETED IN GAS STORAGE POOL

Well Name	Permit to Drill Number	API Number 50-	Bottomhole Pressure (psia)	Gas Potential (MCFPD)

For Storage Facilities that include storage tanks submit copies of all tank volume certifications and operational parameters from the manufacturer.
 For Storage Facilities that utilize depleted oil or gas pools include the appropriate supporting documentation, which may include the following:
 Gas Well Open Flow Potential Tests Potential Test results and reports (Form 10-421)
 P/Z data and plots
 PVT data
 Results of reservoir simulations
 Appropriate maps

I hereby certify that the foregoing is true and correct to the best of my knowledge.

Signature:	Date:
Printed Name:	Phone Number:
Title:	Email Address:

FOR ALASKA OIL AND GAS CONSERVATION COMMISSION USE ONLY

CERTIFICATION

In accordance with AS 31.05.032(b) the Alaska Oil and Gas Conservation Commission hereby certifies that this project qualifies as a gas storage facility for the purposes of AS 31.05.032 and that the facility is capable of withdrawing a minimum of 10 mmscf of gas per day.

Certified Working Gas Storage Capacity: _____ MMSCF (Rounded to the nearest 500 MMSCF)

Approved: _____	_____
Commissioner	Date
Approved: _____	_____
Commissioner	Date
Approved: _____	_____
Commissioner	Date

AOGCC Seal

(Requires approval by at least two Commissioners)