

† COILED TUBING - Equipment & Services	† CRUDE PURCHASERS	† EQUIPMENT - Bulk Material Handling
† COMMUNICATIONS	† CRYOGENIC - Equipment & Services	† EQUIPMENT - Drilling
† COMPLETIONS - Equipment	† CUTTERS	† EQUIPMENT - Exploration
† COMPLETIONS - Services	† CYLINDERS - Air & Compressor	† EQUIPMENT - Pipe Inspection
† COMPOUNDS - Thread & Tool Joint	† CYLINDERS - Hydraulic	† EQUIPMENT - Production
† COMPRESSION - Contract & Rental	† DAMPENERS - Pulsation	† EQUIPMENT - Systems Control
† COMPRESSORS - Air	† DAMPENERS - Pump Discharge	† EQUIPMENT - Testing
† COMPRESSORS - CNG	† DEGASSERS	† EQUIPMENT - Water Flooding
† COMPRESSORS - Natural Gas	† DEGREASERS	† EQUIPMENT - Well Logging & Testing
† COMPRESSORS - LNG	† DEHYDRATORS	† EXCHANGERS
† COMPRESSORS - Machine Work & Overhaul	† DEPTHOMETERS	† FABRICATION
† COMPRESSORS - Reciprocating	† DERRICKS	† FILTERS - Cartridge
† COMPRESSORS - Rotary	† DESANDERS	† FILTERS - Rod Pump, Sand Control
† COMPUTERS - Custody Transfer	† DETECTORS - Gas & H ₂ S	† FILTERS - Water
† COMPUTERS - Flow	† DETECTORS - Leak	† FIRE RETARDANTS
† COMPUTERS - Hardware	† DIAPHRAGMS	† FIRST AID
† COMPUTERS - Software & Services	† DIAGNOSTICS - Tools & Services	† FISHING SERVICES
† CONNECTIONS - Liner	† DRAWWORKS	† FITTINGS - Cast Steel
† CONNECTIONS - Union, Integral	† DRILLBITS - Rock & PDC	† FITTINGS - Fiberglass & Epoxy
† CONNECTORS	† DRILLBITS - Workover & Core	† FITTINGS - Forged Steel
† CONSTRUCTION - Field & Facilities	† DRILLING - Automation & Communications	† FITTINGS - Frac Pumps
† CONSULTANTS - Business & Training	† DRILLING - Controls	† FITTINGS - High Pressure
† CONSULTANTS - Engineering & Planning	† DRILLING - Directional & Horizontal	† FITTINGS - Hose
† CONTROLLERS - Beam Pumping	† DRILLING - Fluids & Additives	† FITTINGS - Orifice
† CONTROLLERS - Differential Pressure	† DRILLING - Mud Motor & BHAs	† FITTINGS - Pipe
† CONTROLS - Blowout Preventer	† DRILLING - Pad Equipment & Services	† FITTINGS - Tube
† CONTROLS - Choke	† DRILLING - Reamers	† FLANGES
† CONTROLS - Digital	† DRILLING - Rotary Steerables	† FLARES
† CONTROLS - Drawworks	† DRILLING - Site Preparation	† FLUIDS - Completion
† CONTROLS - Engine	† DRILLING - Tools	† FLUIDS - Drilling
† CONTROLS - Flow	† DRILLING - Underbalanced	† FLUIDS - Polymer
† CONTROLS - Gas & Gas Lift	† DRIVES - Mechanical	† FRACTURING - Equipment & Services
† CONTROLS - Liquid Level	† DRIVES - Mud Pump	† FRACTURING - Fluid & Additives
† CONTROLS - Manifold, Valve	† DRIVES - Rotary Rig	† FRACTURING - Pressure Monitoring
† CONTROLS - Oil & Gas Separator	† DRIVES - Rotary Table	† FRACTURING - Perforating
† CONTROLS - Pressure	† DYNAMOMETERS	† FRACTURING - Proppant
† CONTROLS - Production	† ELECTRICAL - Contractors	† FRACTURING - Water Management
† CONTROLS - Subsurface Safety System	† ELECTRICAL - Panels & Miscellaneous	† GAS LIFT - Equipment & Services
† CONVERTERS - Catalytic	† ELEVATORS	† GAS MEASUREMENT
† CONVERTERS - Torque	† EMISSIONS - Testing & Equipment	† GAS PROCESSING
† CORING - Products & Services	† EMPLOYMENT SERVICES	† GAS TREATING
† CORROSION - Products & Services	† ENGINEERING SERVICES	† GASKETS
† COUPLINGS - Casing & Tubing	† ENGINES - Diesel or Oil	† GAUGES - Flow
† COUPLINGS - Fluid	† ENGINES - Gas or Bifuel	† GAUGES - Liquid Level
† COUPLINGS - Pipe	† ENGINES - Parts	† GAUGES - Miscellaneous
† COUPLINGS - Rods	† ENHANCED RECOVERY	† GAUGES - Pressure & Temperature
† CRANES	† ENVIRONMENTAL - Equipment & Services	† GEARS
		† GENERATORS

† GEOPHYSICAL - Equipment & Services	† LOGGING - Pressure	† PACKING - Rubber
† GUIDES - Sucker Rods	† LOGGING - Radioactivity	† PACKING - Stuffing Box
† HAMMERS	† LUBRICANTS	† PACKING - Swivel Wash Pipe
† HARD FACING	† MACHINES - Make-up & Break Out	† PACKING - Valve Stem
† HEADS - Casing	† MACHINES - Pickup & Laydown	† PANELS
† HEADS - Tubing	† MACHINES - Welding	† PARAFFIN & SCALE CONTROL
† HEAT EXCHANGERS	† MAINTENANCE - On & Offshore	† PATCHES - Casing & Tubing
† HEATER TREATERS	† MANIFOLDS - Choke & Kill	† PERFORATING - Guns & Charges
† HEATERS	† MANIFOLDS - Flow Control	† PERFORATING - Oriented
† HELICOPTERS	† MANIFOLDS - Miscellaneous	† PERFORATING - Tubing Conveyed
† HOISTS	† MASTS	† PERFORATORS - Jet
† HOSE	† METER RUNS & TUBES	† PERFORATORS - Pipe
† HOT OIL UNITS	† METERS - Density	† PERFORATORS - Tubing
† IGNITION SYSTEMS	† METERS - Digital	† PIGS
† INDICATORS	† METERS - Flow	† PIPE - Composite
† INJECTORS - Chemical	† METERS - Gas	† PIPE - Corrosion Resistant
† INSERTS	† METERS - Measuring Line	† PIPE - Drill
† INSPECTION - Casing	† METERS - Oil	† PIPE - Expandable
† INSPECTION - Corrosion	† METERS - Orifice	† PIPE - Fiberglass Epoxy
† INSPECTION - Pipe	† METERS - Pit level	† PIPE - Flexible
† INSPECTION - Threads & Tubulars	† METERS - Turbine	† PIPE - Hardbanding
† INSTRUMENTATION - Drilling Production	† METERS - Ultrasonic	† PIPE - Inspection
† INSTRUMENTATION - Well Servicing	† METERS - Volume	† PIPE - Line
† INSTRUMENTS	† MIDSTREAM - Equipment & Services	† PIPE - Slotted or Perforated
† INSTRUMENTS - Drilling, Directional	† MILLS - Casing, Drill Pipe & Tubing	† PIPE - Threading
† INSTRUMENTS - Fluid Level	† MIXERS - Cementing, Jet	† PIPE - Welded
† INSTRUMENTS - Laboratory	† MIXERS - Mud	† PIPELINE - Construction & Services
† INSTRUMENTS - Liquid Measurement	† MIXERS - Sand	† PISTONS
† INSTRUMENTS - Miscellaneous	† MONITORS - Mud Circulation	† PLANTS - Cryogenic
† INSTRUMENTS - Pressure	† MONITORS - Oil/Water	† PLANTS - Gas Treating & Processing
† INSULATION	† MONITORS - Rig	† PLASTICS
† JOINTS - Pup	† MOTORS - Drilling	† PLASTICS - Lining
† JOINTS - Swivel	† MOTORS - Electric	† PLATES - Orifice
† KELLY & PIPE SPINNERS	† MOTORS - Mud	† PLUGS - Bridge
† KELLYS - Hex & Square Drive	† MOVERS - Rig	† PLUGS - Cementing
† LIGHTS	† MUD - Oil Based	† PLUNGER LIFT EQUIPMENT
† LIGHTS - Flood Light Towers	† MUD - Synthetic	† PLUNGERS
† LINERS	† MUD - Water-Based	† POWER EQUIPMENT
† LINERS - Casing & Tubing	† MUD MOTORS	† PROBES
† LOADERS	† NIPPLES - Adapter	† PRODUCTION EQUIPMENT
† LOGGING - Caliper	† NIPPLES - Casing	† PROTECTORS - Casing, Tubing & Drill Pipe
† LOGGING - Cement Bond	† NIPPLES - Seating	† PROTECTORS - Electric Motor
† LOGGING - Drift	† NIPPLES - Tubing	† PROTECTORS - Line Pipe
† LOGGING - Drilling Rate	† NITROGEN	† PROTECTORS - Thread
† LOGGING - Electrical	† NITROGEN SERVICES	† PULLERS
† LOGGING - Miscellaneous	† O-RINGS	† PUMPS - Cavity, Progressing
† LOGGING - Mud Analysis	† PACKERS	† PUMPS - Cement
† LOGGING - Offshore	† PACKING - Blowout Preventer	† PUMPS - Centrifugal
	† PACKING - Liner	† PUMPS - Duplex
	† PACKING - Polished Rod	† PUMPS - Fluid, High Pressure
	† PACKING - Pump	

† PUMPS - Glycol	† REDUCERS	† RUBBERS - Tubing Stripper
† PUMPS - Grease Injection	† REGULATORS - Flow	† SAFETY - Equipment & Services
† PUMPS - Hydraulic	† REGULATORS - Gas	† SAMPLERS
† PUMPS - Hydraulic, Down Hole	† REPAIRS - BOP	† SAND FILTERS & SCREENS
† PUMPS - Hydrostatic Testing	† REPAIRS - Brake	† SCAVENGERS
† PUMPS - Injection	† REPAIRS - Cathead	† SCRAPERS - Casing & Tubing
† PUMPS - Injection, Methanol	† REPAIRS - Control Systems	† SCRUBBERS - Gas
† PUMPS - Mud Mixing	† REPAIRS - Derricks, Masts, Substructures	† SEALANTS
† PUMPS - Multiphase	† REPAIRS - Drawworks	† SEALS - Annulus
† PUMPS - Nitrogen	† REPAIRS - Heating Equipment & Systems	† SEALS - Blowout Preventer
† PUMPS - Oil Well	† REPAIRS - Pump	† SEALS - Gasket
† PUMPS - Piston Type	† REPAIRS - Tong, Power	† SEALS - High Temperature
† PUMPS - Plunger	† REPAIRS - Valve	† SEALS - Mechanical
† PUMPS - Production	† REPAIRS - Wellhead	† SEALS - Metal to Metal
† PUMPS - Quintuplex	† RIGS - Coiled Tubing	† SEALS - O-ring Type
† PUMPS - Reciprocating	† RIGS - Spud Equipment & Services	† SEALS - Packoff, Secondary
† PUMPS - Reverse Osmosis	† RIGS - Drilling, Environmental	† SEATS
† PUMPS - Salt Water	† RIGS - Drilling, Offshore	† SECONDARY CONTAINMENT SYSTEMS
† PUMPS - Sand	† RIGS - Drilling, Pad	† SEISMIC - Acquisition
† PUMPS - Slurry	† RIGS - Drilling, Portable	† SEISMIC - Interpretation
† PUMPS - Slush	† RIGS - Drilling, Rotary	† SEISMIC - Recorders & Equipment
† PUMPS - Steam	† RIGS - Drilling, Slant Hole	† SENSORS - Flow
† PUMPS - Submersible	† RIGS - Drilling, Water Well	† SENSORS - Miscellaneous
† PUMPS - Transfer	† RIGS - Well Servicing, Workover	† SENSORS - Pressure
† PUMPS - Triplex	† RIMS - Brake	† SENSORS - Temperature
† PUMPS - Vacuum	† RINGS - Piston	† SEPARATORS - Cutting & Mud Washing
† PUMPS - Water	† RISERS - Subsea	† SEPARATORS - Cyclone
† PUMPS - Water Flooding	† ROD GUIDES	† SEPARATORS - Equipment
† PUMPS - Water Well	† RODS - Fiberglass	† SEPARATORS - Gas
† PUMPS - Well Acidizing, Cementing & Fracturing	† RODS - Piston	† SEPARATORS - Gas, Downhole Rod Pump
† RADIOS	† RODS - Polished	† SEPARATORS - Gas, Oil & Water
† RAMS - Blowout Prevention	† RODS - Pony or Snub	† SEPARATORS - Mud
† REAMERS	† RODS - Pump	† SEPARATORS - Mud/Gas
† RECEPTICLES - Liner	† RODS - Sucker	† SEPARATORS - Sand
† RECEPTICLES - Packer Bore	† RODS - Tungsten Carbide	† SERVICES - BOP Control
† RECORDERS - Bore Hole Survey	† ROLLERS	† SERVICES - Casing Repair
† RECORDERS - Drift	† ROLLERS - Casing	† SERVICES - Coiled Tubing
† RECORDERS - Drilling	† ROLLERS - Kelly Bushing	† SERVICES - Consulting
† RECORDERS - Liquid Level	† ROLLERS - Turnback, Drawworks	† SERVICES - Completion Design
† RECORDERS - Logging	† ROPE - Wire	† SERVICES - Drilling, Environmental
† RECORDERS - Memory	† ROTARIES - Rotating, Mouse Hole	† SERVICES - Fishing
† RECORDERS - Mud	† ROTATORS - Sucker Rod	† SERVICES - Inspection
† RECORDERS - Pressure	† RUBBER - Industrial, Molded, Custom	† SERVICES - Leak Detection
† RECORDERS - Pressure, Bottom Hole	† RUBBERS - Blowout Preventers	† SERVICES - Machine Shop
† RECORDERS - Rotary	† RUBBERS - Oil Saver	† SERVICES - Milling
† RECORDERS - Temperature	† RUBBERS - Packer	† SERVICES - Mud Analysis
† RECORDERS - Torque	† RUBBERS - Piston	† SERVICES - MWD & LWD
† RECORDERS - Tubing & Casing Pressure	† RUBBERS - Rod Stripper	† SERVICES - Nitrogen
† RECORDERS - Weight	† RUBBERS - Swab	† SERVICES - Paraffin Control
† RECORDERS - Well Test	† RUBBERS - Tubing Head	† SERVICES - Plug & Abandon

† SERVICES - Production	† SYSTEMS - Drilling, Top Drive	† TESTING - Survey Instruments
† SERVICES - Remediation	† SYSTEMS - Gas Measurement	† THERMOSTATS
† SERVICES - Sand Control	† SYSTEMS - Geothermal Steam Control	† THRUSTERS - Downhole
† SERVICES - Threading	† SYSTEMS - Heating	† TONGS - Back-up
† SERVICES - Tubing Handling	† SYSTEMS - Heating, Arctic Drilling	† TONGS - Casing, Drill Pipe & Tubing
† SERVICES - Well Control	† SYSTEMS - Heavy Oil Lift	† TONGS - Chain
† SERVICES - Wellhead	† SYSTEMS - Hydraulic Break Out	† TONGS - Dies
† SERVICES - Wireline	† SYSTEMS - Hydraulic Power	† TONGS - Drill Collar
† SHAKERS	† SYSTEMS - Metering	† TONGS - Drill Pipe Spinning
† SHEAVES	† SYSTEMS - Mud Cutting, Handling & Washing	† TONGS - Friction
† SHOES - Casing, Cementing & Liner	† SYSTEMS - Mud Density	† TONGS - Hand Tools
† SIGNS	† SYSTEMS - Mud Temperature Control	† TONGS - Hydraulic
† SILENCERS	† SYSTEMS - Mud, Closed Loop	† TONGS - Manual
† SITE SECURITY	† SYSTEMS - Multilateral	† TONGS - Pipe
† SLEEVES	† SYSTEMS - Oil Recovery	† TONGS - Pneumatic
† SLIPS	† SYSTEMS - Pad Drilling	† TONGS - Power
† SPEARS	† SYSTEMS - Pad Production	† TONGS - Sucker Rod
† SPILL CONTROL EQUIPMENT & SERVICES	† SYSTEMS - Paraffin Control	† TOOLS - Back-Off
† SPOOLS	† SYSTEMS - Pipe Handling	† TOOLS - Casing Handling
† STABILIZERS	† SYSTEMS - Production Control, Subsea	† TOOLS - Casing Repair
† STARTERS	† SYSTEMS - Production, Automated	† TOOLS - Circulation
† SUBS	† SYSTEMS - Production, Subsea	† TOOLS - Clean Out
† SURVEYS	† SYSTEMS - Relief Well Guidance	† TOOLS - Crossover
† SWAGES - Casing & Tubing	† SYSTEMS - Riser Recoil	† TOOLS - Fishing
† SWAGES - Cementing	† SYSTEMS - Safety Valve	† TOOLS - Gravel Pack
† SWITCHES - Float	† SYSTEMS - SCADA	† TOOLS - Kick Off
† SWITCHES - Liquid Level	† SYSTEMS - SCR	† TOOLS - Liner Setting
† SWITCHES - Pressure	† SYSTEMS - Smartwell	† TOOLS - On-Off
† SWITCHES - Shutdown, Vibration & Shock	† SYSTEMS - Solids Control	† TOOLS - Packer Setting
† SWIVELS - Circulating Head	† SYSTEMS - Subsea Tie Back	† TOOLS - Pipe
† SWIVELS - Drilling	† SYSTEMS - Telemetry	† TOOLS - Pipe, Centering & Alignment
† SWIVELS - Geophysical	† SYSTEMS - Thermal Recovery	† TOOLS - Pulling, Hydraulic
† SWIVELS - Line	† SYSTEMS - Torque	† TOOLS - Sand Control
† SWIVELS - Liner	† SYSTEMS - Weighting	† TOOLS - Torque, Rotary
† SYSTEMS - Artificial Lift	† SYSTEMS - Well Control	† TOOLS - Wireline
† SYSTEMS - Automation	† SYSTEMS - Wellhead, Subsea	† TOOLS - Wireline Steering
† SYSTEMS - Blending	† SYSTEMS - Wellhead, Thru-bore	† TOOLS - Wrenching
† SYSTEMS - BOP Control	† SYSTEMS - Wireline Grease Injection	† TRAILERS
† SYSTEMS - BOP Control, Acoustic	† TABLES - Rotary	† TRAINING
† SYSTEMS - BOP Control, Workover	† TACHOMETERS	† TRANSDUCERS
† SYSTEMS - BOP Handling	† TANKS	† TRANSMISSIONS
† SYSTEMS - Casing Filling & Circulating, Top Drive	† TELECOMMUNICATIONS	† TRANSMITTERS - Liquid Level
† SYSTEMS - Completion, Subsea	† TENSIONERS	† TRANSMITTERS - Temperature
† SYSTEMS - Computer Control	† TESTERS - Mud	† TRANSMITTERS - Pressure
† SYSTEMS - Connection, Flowline	† TESTERS - Tubing	† TRANSFORMERS & REPAIR
† SYSTEMS - Control, Subsea	† TESTING - Pressure, Drill Pipe & Tubing	† TRANSPORTATION
† SYSTEMS - Cut & Recovery	† TESTING - Pressure, Hydrostatic	† TREATERS
† SYSTEMS - Data Acquisition		† TRUCKS - Cement
† SYSTEMS - Drilling Measurement		† TRUCKS - Gin Pole
† SYSTEMS - Drilling, Subsea		† TRUCKS - Gravel Packing

† TRUCKS - Heavy Load	† UNITS - Unified Oil Dehydration Units	† VALVES - High Temperature
† TRUCKS - Logging	† UNITS - Vapor Recovery	† VALVES - Line Blind
† TRUCKS - Nitrogen	† UNITS - Well Acidizing & Fracturing	† VALVES - Liquid Level
† TRUCKS - Perforating	† UNITS - Well Cementing	† VALVES - Manifold
† TRUCKS - Pickup, General, etc.	† UNITS - Well Servicing	† VALVES - Mud
† TRUCKS - Rig	† UNITS - Wireline	† VALVES - Mud Saver Sub
† TRUCKS - Wireline	† VALVE ACTUATORS	† VALVES - Mud Suction
† TUBING - Fiberglass	† VALVES - Air	† VALVES - Needle
† TUBING - Oil & Gas Well	† VALVES - Back Pressure	† VALVES - Pig
† TUBING - Seamless	† VALVES - Balanced Stem	† VALVES - Pipeline
† TURBINES	† VALVES - Ball	† VALVES - Plug
† TURBOCHARGERS	† VALVES - Ball, Check	† VALVES - Pressure Reducing & Regulating
† TURBULATORS	† VALVES - Ball, Top Entry	† VALVES - Relief
† UNDERREAMERS	† VALVES - Ball, Tri-union	† VALVES - Safety
† UNIONS - "O" Ring	† VALVES - Block & Bleed	† VALVES - Safety, Downhole
† UNIONS - Blanking Plug	† VALVES - Butterfly	† VALVES - Solid Block
† UNIONS - Hammer	† VALVES - Casing Annulus	† VALVES - Suction
† UNIONS - High Pressure	† VALVES - Casing Fill-Up	† VALVES - Tank, Non-freeze
† UNIONS - Insulated	† VALVES - Casing Float	† VALVES - Three Way
† UNIONS - Lubricator	† VALVES - Check	† VAPOR RECOVERY - Equipment & Services
† UNIONS - Lug	† VALVES - Check, Drop-in	† VESSELS
† UNIONS - Mis-Aligning	† VALVES - Check, In-line	† WASHERS - High Pressure
† UNIONS - Non-pressure Seal	† VALVES - Check, Retrievable	† WATER - Disposal & Management
† UNIONS - Orifice	† VALVES - Check, Swing	† WATER - Treatment & Recycling
† UNIONS - Pipe	† VALVES - Choke	† WATERFLOOD - Equipment & Services
† UNIONS - Quick	† VALVES - Christmas Tree	† WELDING
† UNIONS - Tank, Mud	† VALVES - Control	† WELL SERVICING
† UNITS - Coiled Tubing	† VALVES - Control, Flow	† WELL SERVICING TOOLS
† UNITS - Electric Line Service	† VALVES - Control, Pressure	† WELL STIMULATION
† UNITS - Hydraulic Power	† VALVES - Diverter	† WELL WORKOVERS
† UNITS - LACT	† VALVES - Drill Stem	† WELLHEADS
† UNITS - Logging, Mud	† VALVES - Drilling	† WHIPSTOCKS
† UNITS - Mixing	† VALVES - Dump	† WINCHES
† UNITS - Pipe Bucking	† VALVES - Emergency Shut Down	† WIPERS
† UNITS - Production, Offshore	† VALVES - Float	† WIRELINE
† UNITS - Pumping	† VALVES - Four Way	
† UNITS - Pumping, Beam Balanced	† VALVES - Fracturing	
† UNITS - Pumping, Skid Mounted	† VALVES - Gas Lift	
† UNITS - Pumping, Sucker Rod	† VALVES - Gate	
† UNITS - Pumping, Sucker Rod, Long Stroke	† VALVES - Geothermal	† OTHER - Misc. Equipment & Services
† UNITS - Skidding	† VALVES - Globe	
† UNITS - Snubbing	† VALVES - High Pressure	

3.) Congratulations, you are well represented in AOGR's Official Program Guide for the 2021 PBIOS! Please make sure you have selected no more than 10 categories. Thanks!