

2023/2024 Drilling Cost Codes - Version 5.0



<u>COST CATEGORY</u>	<u>CODE NAME</u>	<u>MAJOR</u>	<u>MINOR</u>	<u>DESCRIPTION</u>
PRE-SPUD/CLEAN UP				
LAND - SURFACE	PRE SPUD COSTS	3320	3462	All surface land and pre-spud related costs including: Land owner related costs, environmental charges and services, pre-site assessment, and all licensing, permits and taxes. Fees associated with the preparation costs of site specific ERP site specific insurances.
CONSTRUCTION/SURVEYING/CONDUCTOR				
	CONSTRUCTION - LEASE AND ROAD	3310	3106	Equipment, materials and services to construct or improve the lease and road.
	CONDUCTOR	3310	3105	Setting and cementing conductor, mouse hole preparation charges, and welding of conductor.
	SURVEYING	3310	3762	Equipment & services to survey & scout location.
	MATTING	3310	3500	All matting rentals including mobilization and de-mobilization.
LAND - ROAD USE	ROAD USE RENTAL/AGREEMENT	3320	3460	Road use rental costs.
LEASE RESTORATION - FINAL CLEAN-UP	LEASE CLEANUP/RESTORATION	3310	3466	Final production pad reclamation.
LEASE RESTORATION - POST DRILL CLEAN-UP	POST DRILL CLEAN-UP	3310	3467	Clean up of lease and roads.
DRILLING COSTS				
RIG AND CAMP MOVE		3320	3703	Equipment, materials and services related to rig move. Cat assistance, cranes & pilot vehicles. Includes rig skids, mobilization and jacking.
EQUIPMENT - DOWNHOLE RENTAL		3320	3210	Downhole equipment rental
	DIRECTIONAL DRILLING			
	DOWNHOLE EQUIPMENT RENTAL			
	RSS			
	BITS			
	TRUCKING RELATED TO DOWNHOLE TOOLS			
	JARS AND SHOCK TOOLS			
	PERFORMANCE MOTORS			
	BHA INSPECTION			
	OTHER DOWNHOLE TOOLS			
LABOUR - DAYRATE		3320	3451	Daily operating costs of drilling site: Safety, site access security, air monitoring and supply, first aid, rig day rate, loader, crew truck driver, extra labor, overtime, holiday & rig watch. Includes invert pay, subsistence and day rate for additional crew members outside of the rig contracts.
	MOVE IN / RIG UP / RIG DOWN			
	DAYWORK			
	NIGHT RIG MANAGER			
	LOADER			
	DRILLPIPE			
	HWDP			
	DRILLPIPE AND HWDP INSPECTIONS			
	SHAKER SCREENS			
	OTHER (INVERT ALLOWANCE, CREW TRUCK, ETC)			
	ERP MEETING			
	SAFETY SERVICES			
	CREW SUBSISTENCE/TRAVEL			
	BOILER			
DRILLPIPE WEAR	EXCESSIVE DRILLPIPE WEAR	3320	3658	Cost associated with drillpipe wear as per rig contracts.
CAMP COSTS		3320	3100	Camp and catering.
SUPERVISION - CONSULTING		3320	3760	Drilling Supervisor day rate and travel costs.
FUEL GAS SCRUBBER	GAS SUPPLY	3320	3258	All costs related to the operation and maintenance of the onsite fuel gas scrubber.
FUEL AND POWER	DIESEL	3320	3257	Fuel (natural gas and diesel purchased for drilling purposes including camp and including propane). Highline power and rig battery costs are also to be included where applicable.
EQUIPMENT - SURFACE RENTAL		3320	3229	Rental costs for all surface equipment related to drilling including: Wellsite shacks, EDR's, comms equipment, tank farms, centrifuges, pumps, shacks, track hoes, sewage, garbage, etc.
	TRUCKING			
	WELDING / THIRD PARTY INSPECTION			
	COMMUNICATIONS			Rig and camp comms.
	WELLSITE SHACKS			
	CENTRIFUGE			
	BARITE RECOVERY			
	TANK FARM			
	TRACK HOE			
	CUTTINGS HANDLING			
	PASON			
	CORVA / WELLMAN			
	GAS DETECTION			
	CUTTINGS HANDLING			
	OTHER (Less than 5% of cost for category)			Septic, Fire Extinguishers, Light Stands, Premix Tank, Garbage Bin, Water Storage.
MANAGED PRESSURE DRILLING	MPD EQUIPMENT AND ENGINEERING	3320	3501	Costs associated with Managed Pressure Drilling Services.

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EQUIPMENT - WELLHEAD		3320	3231	Casing Bowl & Wellhead including related welding, suspension caps, back pressure valves, wellhead tech's, tubing spools and other production and completions related wellhead equipment.
FLAT - SURFACE		3320	3254	Products and services for surface hole including: casing, casing accessories, casing running tools, trucking costs related to surface hole materials and services, pressure testing, power tongs and torque monitoring, etc.
	SURFACE CASING			
	SURFACE CASING ACCESSORIES			
	SURFACE CASING CEMENTING			
	TRUCKING RELATED TO SURFACE FLAT			
	PRESSURE TESTING			
	FLOAT EQUIPMENT			
	POWER TONGS			
FLAT - INTERMEDIATE		3320	3252	Products and services for intermediate hole including: casing, casing accessories, casing running tools, trucking costs related to intermediate hole materials and services, pressure testing, power tongs and torque monitoring, etc.
	INTERMEDIATE CASING			
	INTERMEDIATE CASING ACCESSORIES			
	SURFACE CASING CEMENTING			
	TRUCKING RELATED TO INTERMEDIATE FLAT			
	PRESSURE TESTING			
	FLOAT EQUIPMENT			
	POWER TONGS			
FLAT - PRODUCTION		3320	3253	Products and services for production hole including: casing, casing accessories, casing running tools, trucking costs related to production hole materials and services, pressure testing, power tongs and torque monitoring, etc.
	PRODUCTION CASING			
	PRODUCTION CASING EQUIPMENT			
	PRODUCTION CASING CEMENTING			
	TRUCKING RELATED TO PRODUCTION FLAT			
	FLOAT EQUIPMENT			
	POWER TONGS			
VACUUM/STEAM/WATER		3320	3350	Vac truck, steam truck, sewage (if hauled away), water access and permitting costs. All costs related to supplying the rig with water for drilling (hauling & water well drilling); potable water
	VACUUM TRUCK			
	POTABLE WATER			
	WATER HAULING			
	WATER ACCESS			
	TEMPORARY DIVERSION LICENSE (TDL's)			
	SEWAGE HAULING			
	STEAM TRUCK			
DRY MUD PRODUCTS & SERVICES		3320	3157	Mud additives and services (OBM, Brine, and Silicate Drill Fluids)
	DRY PRODUCTS			
	INVERT			
	BRINE			
	SILICATE			
	TRUCKING			Trucking drilling fluids and additives to and from location. This includes any associated trucking costs for transferring invert / base oil / silicate / brine between wells.
EVALUATION LOGGING/CORING		3320	3233	All costs associated with wireline logging, cuttings handling and analysis, and coring.
	OPEN HOLE LOGGING			
	CORING			
GEOLOGICAL EXPENSES	GEOLOGIC SUPERVISION	3320	3763	Geological supervision
CUTTINGS DISPOSAL AND TRUCKING		3320	3905	
	DRILLING WASTE - CUTTINGS DISPOSAL			Cuttings disposal costs (tipping fee at landfill)
	DISPOSAL TRUCKING - CUTTINGS			Trucking drill cuttings to disposal
FLUIDS DISPOSAL AND TRUCKING		3320	3906	
	DRILLING WASTE - FLUIDS DISPOSAL			Fluid disposal costs
	DISPOSAL TRUCKING - FLUIDS			Trucking drill fluids to disposal
SAWDUST		3320	3765	Sawdust supply and delivery costs
ABANDONMENT/PLUGBACK/SIDETRACK/FISHING		3320	3005	Equipment, materials and services related to abandonment plugging operations (including pilot hole plugback); Lost circulation cement plugs, fishing tools and personnel (including all wireline costs when associated with fishing)
	LOST CIRCULATION CEMENT PLUGS			
	WHIPSTOCK CEMENT PLUGS			
	SIDETRACK			
	WIRELINE			
	FISHING			
OTHER				
NON-OPERATED DRILLING COSTS		3320	3551	Drilling costs associated with non-operated wells
INTERNAL ENGINEERING AND DESIGN		3320	3202	Drillbook worksheet automatically calculates 2% of total field estimate (excluding Overhead)
OVERHEAD		3320	3600	Automatically uses a 3-2-1 approach to calculate overhead on field estimate. To be included on final report.
BCER DISTURBANCE FEE		3320	3052	
FIRST NATIONS CULTURAL RESTORATION FEE		3320	3249	