

Shell Frontier Oil & Gas Inc.

RECLAMATION COST ESTIMATE

COST SUMMARY

Site East RD&D Pilot Project

Date July 18, 2022

File P-2010-026

GRAND TOTAL (direct + O&P + regulatory + contingency): **\$112,397**

INDIRECT COSTS:

Contractor's overhead & profit (O & P):	Liability insurance:	2.02%	of direct	\$1,427
	Performance bond:	1.55%	of direct	\$1,095
	Labor and materials payment bond*:	na	of direct	\$0
	Job supervision:	per JOB SUPERVISION Tab		\$23,361
	Profit:	10.00%	of direct	\$7,066
* Included with performance bond				
Total O & P:				<u>\$32,949</u>

Construction contract amount (direct + O & P): **\$103,608**

Regulatory agency administrative costs (bond calculations only):

Colorado DRMS statutory bond forfeiture administrative fee	5.00%	of contract	\$5,180
			\$0
			\$0
			\$0
			\$0
Colorado DRMS mandatory bond processing fee	- Corporate surety		\$500

Total regulatory agency administrative costs: **\$5,680**

Total indirect costs (O & P + regulatory): **\$38,630**

CONTINGENCY:

Approximate project development stage: - Final working drawing stage

3.00% add-on

Total: **\$3,108**

DIRECT COSTS:

Task No.	Description	Acres	Equipment	No. Units	Task Hours	Direct Cost
DIRECT COST TOTALS:		<u>15.36</u>			<u>19.36</u>	<u>\$70,658.67</u>
ERDD Site (including ELHT)						
1A	Demolish and remove surface facilities NA - Completed in 2016		na	na	na	na
1B	Plug and abandon open boreholes NA - All wells P&A'd		na	na	na	na
1C-1	Regrade stormwater pond		na	na	na	na
1C-2	Regrade test pads and facilities areas		na	na	na	na
1C-3	Regrade access road		na	na	na	na
1D	Rip compacted surfaces		na	na	na	na
1E	Replace topsoil		na	na	na	na
1F	Revegetate disturbed areas	15.36	Rev. crew	2	15.36	\$37,486.24
NOTE - Subsurface reclamation no longer necessary due to project termination prior to reservoir heating.					Subtotal:	15.36 \$37,486.24
Mobilization						
2-1	Equipment mobilization/demobilization		Lowboy rigs	23	4.00	\$33,172.43