

Shell Frontier Oil & Gas Inc.

RECLAMATION COST ESTIMATE

COST SUMMARY

Site 2006-07 Geo-Hydro. Drilling/Coring - Public land RD&D's

Date February 29, 2024

File P-2006-036

GRAND TOTAL (direct + O&P + regulatory + contingency): **\$43,517**

INDIRECT COSTS:

Contractor's overhead & profit (O & P):	Liability insurance:	2.02%	of direct	\$673
	Performance bond:	1.55%	of direct	\$516
	Labor and materials payment bond*:	na	of direct	\$0
	Job supervision:	per JOB SUPERVISION Tab		\$1,996
	Profit:	10.00%	of direct	\$3,331
* If required, included with performance bond				
Total O & P:				\$6,517

Construction contract amount (direct + O & P): **\$39,831**

Regulatory agency administrative costs (bond calculations only):

Colorado DRMS statutory bond forfeiture administrative fee	5.00%	of contract	\$1,992
			\$0
			\$0
			\$0
			\$0
Colorado DRMS mandatory bond processing fee	- Corporate surety		\$500

Total regulatory agency administrative costs: **\$2,492**

Total indirect costs (O & P + regulatory): **\$9,008**

CONTINGENCY:

Approximate project development stage: **- Final working drawing stage**

3.00% add-on

Total: **\$1,195**

DIRECT COSTS:

Task No.	Description	Acres	Equipment	No. Units	Task Hours	Direct Cost
DIRECT COST TOTALS:		11.290	Revegetation		25.34	\$33,313.96
		0.000	Earthwork			
Pad 82-1-299:						
1A	Fence removal		na	na	na	na
1B	Borehole P&A...NA (all installed holes P&A'd)		na	na	na	na
1C	Regrading		na	na	na	na
1D	Ripping		na	na	na	na
1E	Soil replacement		na	na	na	na
1F	Revegetation	0.00	Rev. crew	0	0.00	\$0
Subtotals:					0.00	\$0
Pad 84-1-299:						
2A	Fence removal		na	na	na	na
2B	Borehole P&A...NA (all installed holes P&A'd)		na	na	na	na
2C	Regrading		na	na	na	na
2D	Ripping		na	na	na	na
2E	Soil replacement		na	na	na	na
2F	Revegetation	0.00	Rev. crew	0	0.00	\$0
Subtotals:					0.00	\$0
Pad 91-22-199:						
3A	Fence removal...NA - fence removed		na	na	na	na
3B	Borehole P&A...NA (all installed holes P&A'd)		na	na	na	na
3C	Regrading...NA - Regrading completed 2014		na	na	na	na
3D	Ripping...NA - Ripping completed 2014		na	na	na	na
3E	Soil replacement...NA - Soil replacement completed 2014		na	na	na	na
3F	Revegetation (retained if reseeding required)	2.63	Rev. crew	2	2.63	\$5,269
Subtotals:					2.63	\$5,269
Pad 92-22-199:						
4A	Fence removal...NA - fence removed		na	na	na	na
4B	Borehole P&A...NA (all installed holes P&A'd)		na	na	na	na
4C	Regrading...NA - Regrading completed 2014		na	na	na	na
4D	Ripping...NA - Ripping completed 2014		na	na	na	na
4E	Soil replacement...NA - Soil replacement completed 2014		na	na	na	na
4F	Revegetation (retained if reseeding required)	2.05	Rev. crew	2	2.05	\$4,107
Subtotals:					2.05	\$4,107

Task No.	Description	Acres	Equipment	No. Units	Task Hours	Direct Cost
Pad 93-22-199:						
5A	Fence removal...NA - fence removed		na	na	na	na
5B	Borehole P&A...NA (all installed holes P&A'd)		na	na	na	na
5C	Regrading...NA - Regrading completed 2014		na	na	na	na
5D	Ripping...NA - Ripping completed 2014		na	na	na	na
5E	Soil replacement...NA - Soil replacement completed 2014		na	na	na	na
5F	Revegetation (retained if reseeding required)	2.39	Rev. crew	2	2.39	\$4,788
Subtotals:					2.39	\$4,788
Pad 94-22-199:						
6A	Fence removal...NA - fence removed		na	na	na	na
6B	Borehole P&A...NA (all installed holes P&A'd)		na	na	na	na
6C	Regrading...NA - Regrading completed 2014		na	na	na	na
6D	Ripping...NA - Ripping completed 2014		na	na	na	na
6E	Soil replacement...NA - Soil replacement completed 2014		na	na	na	na
6F	Revegetation (retained if reseeding required)	1.98	Rev. crew	2	1.98	\$3,967
Subtotals:					1.98	\$3,967
Pad 95-22-199:						
7A	Fence removal...NA - fence removed		na	na	na	na
7B	Borehole P&A...NA (all installed holes P&A'd)		na	na	na	na
7C	Regrading...NA - Regrading completed 2014		na	na	na	na
7D	Ripping...NA - Ripping completed 2014		na	na	na	na
7E	Soil replacement...NA - Soil replacement completed 2014		na	na	na	na
7F	Revegetation (retained if reseeding required)	2.24	Rev. crew	2	2.24	\$4,487
Subtotals:					2.24	\$4,487
Mobilization:						
8-1	Primary equipment mobilization/demobilization		Lowboy rig	6	4.00	\$6,663
8-2	Remob. between sites - Fence removal crews		na	na	na	na
8-3	Remob. between sites - Borehole abandonment crews - NA		na	na	na	na
8-4	Remob. between sites - Dozers		Cat D8T	up to 2	6.70	\$3,300.82
8-5	Remob. between sites - Revegetation crews		Rev. crew	up to 2	3.35	\$732.41
Subtotals:					14.05	\$10,696