

Shell Frontier Oil & Gas Inc.

RECLAMATION COST ESTIMATE

COST SUMMARY

Site 2005-06 Geo-hydrology Drilling and Coring Program - Private Land Prospecting

File P-2005-002

Date February 28, 2024

GRAND TOTAL: **\$11,233**

INDIRECT COSTS:

Contractor's overhead & profit (O & P):	Liability insurance:	2.02%	of direct	\$149
	Performance bond:	1.55%	of direct	\$114
	Labor and materials payment bond*:	na	of direct	\$0
	Job supervision:	per JOB SUPERVISION Tab		\$1,568
	Profit:	10.00%	of direct	\$737

* If required, included with performance bond

Total O & P: **\$2,568**

Construction contract amount (direct + O & P): **\$9,938**

Regulatory agency administrative costs (bond calculations only):

Colorado DRMS statutory bond forfeiture administrative fee	5.00%	of contract	\$497
			\$0
			\$0
			\$0
			\$0
Colorado DRMS mandatory bond processing fee	- Corporate surety		\$500

Total regulatory agency administrative costs: **\$997**

Total indirect costs (O & P + regulatory): **\$3,565**

CONTINGENCY:

Approximate project development stage: - Final working drawing stage

3.00% add-on

Total: **\$298**

DIRECT COSTS:

Task No.	Description	Acres	Equipment	No. Units	Task Hours	Direct Cost
DIRECT COST TOTALS:		2.930	Revegetation		9.73	\$7,370.60
		0.130	Earthwork			
Pad A26-35-199:						
1A	Fence removal...NA - Removed		na	na	na	na
1B	Borehole P&A...NA - Completed		na	na	na	na
1C	Regrading...NA - Completed		na	na	na	na
1D	Ripping...NA - Completed		na	na	na	na
1E	Soil replacement...NA - Completed		na	na	na	na
1F	Revegetation	0.00	Rev. crew	2	0.00	\$0.00
			\$0.00	Subtotals:	0.00	\$0.00
Pad A27-36-199:						
2A	Fence removal...NA - Removed		na	na	na	na
2B	Borehole P&A...NA - Completed		na	na	na	na
2C	Regrading...NA - Completed		na	na	na	na
2D	Ripping...NA - Completed		na	na	na	na
2E	Soil replacement...NA - Completed		na	na	na	na
2F	Revegetation	0	Rev. crew	2	0.00	\$0.00
				Subtotals:	0.00	\$0.00
Pad A28-25-199:						
3A	Fence removal...NA - Removed		na	na	na	na
3B	Borehole P&A...NA - Completed		na	na	na	na
3C	Regrading...NA - Completed		na	na	na	na
3D	Ripping...NA - Completed		na	na	na	na
3E	Soil replacement...NA - Completed		na	na	na	na
3F	Revegetation	0.13	Rev. crew	2	0.13	\$240.77
				Subtotals:	0.13	\$240.77
Pad A29-29-198:						
4A	Fence removal...NA - Removed		na	na	na	na
4B	Borehole P&A...NA - Completed		na	na	na	na
4C	Regrading...NA - Completed		na	na	na	na
4D	Ripping...NA - Completed		na	na	na	na
4E	Soil replacement...NA - Completed		na	na	na	na
4F	Revegetation	0	Rev. crew	2	0.00	\$0.00
				Subtotals:	0.00	\$0.00

Task No.	Description	Acres	Equipment	No. Units	Task Hours	Direct Cost
Pad A33-17-298:						
5A	Fence removal...NA - Removed		na	na	na	na
5B	Borehole P&A...NA - Completed		na	na	na	na
5C	Regrading...NA - Completed in 2010		na	na	na	na
5D	Ripping...NA - Completed in 2010		na	na	na	na
5E	Soil replacement...NA - Completed in 2010		na	na	na	na
5F	Revegetation (retained if reseeding required)	0.00	Rev. crew	2	0.00	\$0.00
Subtotals:					0.00	\$0.00
Pad A34-10-298:						
6A	Fence removal...NA - Removed		na	na	na	na
6B	Borehole P&A...NA - Completed		na	na	na	na
6C	Regrading...NA - Completed in 2015		na	na	na	na
6D	Ripping...NA - Completed in 2015		na	na	na	na
6E	Soil replacement...NA - Completed in 2015		na	na	na	na
6F	Revegetation	0.00	Rev. crew	2	0.00	\$0.00
Subtotals:					0.00	\$0.00
Pad A35-11-298:						
7A	Fence removal...NA - Removed		na	na	na	na
7B	Borehole P&A...NA - Completed		na	na	na	na
7C	Regrading...NA - Completed in 2015		na	na	na	na
7D	Ripping...NA - Completed in 2015		na	na	na	na
7E	Soil replacement...NA - Completed in 2015		na	na	na	na
7F	Revegetation	0	Rev. crew	2	0.00	\$0.00
Subtotals:					0.00	\$0.00
Pad 47-36-199:						
8A	Fence removal		Fence crew	2	0.00	\$0.00
8B	Borehole P&A		na	na	na	na
8C	Regrading		na	na	na	na
8D	Ripping		na	na	na	na
8E	Soil replacement		na	na	na	na
8F	Revegetation	0	Rev. crew	2	0.00	\$0.00
Subtotals:					0.00	\$0.00
Pad 48-35-199:						
9A	Fence removal...NA - Removed		na	na	na	na
9B	Borehole P&A...NA - Completed		na	na	na	na
9C	Regrading...NA - Completed in 2010		na	na	na	na
9D	Ripping...NA - Completed in 2010		na	na	na	na
9E	Soil replacement...NA - Completed in 2010		na	na	na	na
9F	Revegetation (retained if reseeding required)	0	Rev. crew	2	0.00	\$0.00
Subtotals:					0.00	\$0.00
Pad 49-35-199: NOTE - Pad reclamation included in P-2005-017 (FWT TS pile & cuttings pit)						
10A	Fence removal...NA - Part of FWT facilities area		na	na	na	na
10B	Borehole P&A		na	na	na	na
10C	Regrading		na	na	na	na
10D	Ripping		na	na	na	na
10E	Soil replacement		na	na	na	na
10F	Revegetation (1.20 acres authorized)	1.00	Rev. crew	2	1.00	\$1,852.05
Subtotals:					1.00	\$1,852.05
Pad 50-35-199: NOTE - Pad reclamation included in P-2005-017 (FWT cuttings pit)						
11A	Fence removal...NA - Part of FWT facilities area		na	na	na	na
11B	Borehole P&A		na	na	na	na
11C	Regrading		na	na	na	na
11D	Ripping		na	na	na	na
11E	Soil replacement		na	na	na	na
11F	Revegetation (1.67 acres authorized)	1.00	na	na	na	na
Subtotals:					0.00	\$0.00
Pad 51-35-199: NOTE - Pad reclamation included in P-2005-017 (FWT cuttings pit & TS pile)						
12A	Fence removal...NA - Part of FWT facilities area		na	na	na	na
12B	Borehole P&A		na	na	na	na
12C	Regrading		na	na	na	na
12D	Ripping		na	na	na	na
12E	Soil replacement		na	na	na	na
12F	Revegetation (3.88 acres authorized)	0.80	Rev. crew	2	0.80	\$1,481.64
Subtotals:					0.80	\$1,481.64
Pad 52-35-199: NOTE - Pad reclamation included in P-2005-017 (FWT control bldg. & yard)						
13A	Fence removal...NA - Part of FWT facilities area		na	na	na	na
13B	Borehole P&A		na	na	na	na
13C	Regrading		na	na	na	na
13D	Ripping		na	na	na	na
13E	Soil replacement		na	na	na	na
13F	Revegetation (1.20 acres authorized)	0.00	na	na	na	na
Subtotals:					0.00	\$0.00

Task No.	Description	Acres	Equipment	No. Units	Task Hours	Direct Cost
Pad 54-35-199:						
14A	Fence removal...NA - Pit fencing removed		na	na	na	na
14B	Borehole P&A...All holes P&A'd or not installed		na	na	na	na
14C	Regrading...NA - Regrading completed in 2010		na	na	na	na
14D	Ripping...NA - Ripping completed in 2010		na	na	na	na
14E	Soil replacement...NA - Completed in 2010		na	na	na	na
14F	Revegetation (retained if reseeding required)	0.00	Rev. crew	2	0.00	\$0.00
Subtotals:					0.00	\$0.00
Pad 55-35-199: NOTE - Pad reclamation included in P-2005-017 (FWT freeze ring)						
15A	Fence removal...NA - Part of FWT facilities area		na	na	na	na
15B	Borehole P&A...All holes P&A'd or not installed		na	na	na	na
15C	Regrading		na	na	na	na
15D	Ripping		na	na	na	na
15E	Soil replacement		na	na	na	na
15F	Revegetation	0.00	na	na	na	na
Subtotals:					0.00	\$0.00
Mobilization:						
16-1	Primary equipment mobilization/demobilization		na	na	na	\$2,366
16-2	Remob. between sites - Fence removal crews		Flatbed truck	3 crews	3.90	\$577.82
16-3	Remob. between sites - Borehole abandonment crews		na	na	na	na
16-4	Remob. between sites - Dozers		na	na	na	na
16-5	Remob. between sites - Revegetation crews		Rev. crew	up to 2	3.90	\$852.66
Subtotals:					7.80	\$3,796.14

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