

Wyoming Oil and Gas Commission Orphan Well Cost Summary 2014-Present

REVISED 10/9/2017

| | |
|---------------|-----------|
| Total Wells | 2,040 |
| Total Footage | 2,001,299 |
| Cost / Ft | \$0.00 |

| Project | Contract Date Contract amount | Operator(s) | Total No. State/Fee Wells | Total Bond Amount | Bond per well | # Project Wells | Total Operator Bond | Footage (Ft) | Total Footage (Ft) | \$ / Ft | Project Cost |
|---|--|-----------------------|---------------------------|-------------------|---------------|-----------------|---------------------|--------------|--------------------|---------|--------------|
| Alpha Coal Belle Ayre 101 Wells COMPLETED | 5/16/2014 \$250,000.00 | Loral Operating | 624 | \$545,978.62 | \$874.97 | 30 | \$26,248.97 | 24,987 | 51,286 | \$6.99 | \$358,625.56 |
| | | Rocky Mountain Gas | 159 | \$196,352.00 | \$1,234.92 | 33 | \$40,752.30 | 11,225 | | | |
| | | USA Exploration | 442 | \$156,396.00 | \$353.84 | 38 | \$13,445.81 | 15,074 | | | |
| Alpha Coal Eagle Butte 67 Wells COMPLETED | 7/21/2014 \$200,000.00 | Rocky Mountain Gas | 159 | \$196,352.00 | \$1,234.92 | 16 | \$19,758.69 | 7,745 | 45,856 | \$3.96 | \$181,500.00 |
| | | USA Exploration | 442 | \$156,396.00 | \$353.84 | 51 | \$18,045.69 | 38,111 | | | |
| South Orphan 177 Wells COMPLETED | 9/15/2014 \$900,000.00 | Loral Operating | 624 | \$545,978.62 | \$874.97 | 157 | \$137,369.62 | 82,226 | 93,916 | \$7.64 | \$717,295.25 |
| | | Rocky Mountain Gas | 159 | \$196,352.00 | \$1,234.92 | 7 | \$8,644.43 | 5,223 | | | |
| | | Pure Petroleum | 136 | \$93,045.00 | \$684.15 | 8 | \$5,473.24 | 4,996 | | | |
| | | High Plains Gas | 1670 | \$4,973,619.00 | \$2,978.21 | 2 | \$5,956.43 | 431 | | | |
| | | USA Exploration | 442 | \$156,396.00 | \$353.84 | 3 | \$1,061.51 | 1,040 | | | |
| North Orphan 142 Wells COMPLETED | 5/19/2014 \$950,000.00 | Continental (Dolphin) | 119 | \$118,032.60 | \$991.87 | 67 | \$66,455.33 | 98,906 | 141,770 | \$6.51 | \$923,325.05 |
| | | Pure Petroleum | 136 | \$93,045.00 | \$684.15 | 10 | \$6,841.54 | 3,774 | | | |
| | | S&S Drilling | 14 | \$25,000.00 | \$1,785.71 | 13 | \$23,214.29 | 712 | | | |
| | | USA Exploration | 442 | \$156,396.00 | \$353.84 | 36 | \$12,738.14 | 27,173 | | | |
| | | Federated O&G | 16 | \$25,000.00 | \$1,562.50 | 16 | \$25,000.00 | 11,205 | | | |
| Dudley | 3/12/2015 \$430,000.00 | | | | | | | | | | \$377,540.90 |

| Project | Contract Date Contract amount | Operator(s) | Total No. State/Fee Wells | Total Bond Amount | Bond per well | # Project Wells | Total Operator Bond | Footage (Ft) | Total Footage (Ft) | \$ / Ft | Project Cost |
|--|----------------------------------|-----------------------------|---------------------------------|-------------------|------------------|--------------------|---------------------|--------------|-----------------------|---------|----------------|
| 15 Wells COMPLETED | 3/12/2015 \$30,000.00 | Dudley & Associates | 15 | \$36,000.00 | \$2,400.00 | 15 | \$36,000.00 | 74,630 | 74,630 | \$5.06 | \$27,868.93 |
| | PROJECT | | | | | | | | | | \$405,409.83 |
| Gillette South 2015 Alpha 247 Wells COMPLETED | 4/27/2015 \$1,317,960.00 | Loral Operating | 624 | \$545,978.62 | \$874.97 | 233 | \$203,867.02 | 169,168 | 175,468 | \$7.79 | \$1,317,960.00 |
| | | USA Exploration | 442 | \$156,396.00 | \$353.84 | 14 | \$4,953.72 | 6,300 | | | |
| Gillette South 2015 Gillette Area 203 Wells COMPLETED | 6/12/2015 \$800,000.00 | Loral Operating | 624 | \$545,978.62 | \$874.97 | 203 | \$177,618.04 | 142,582 | 142,582 | \$4.97 | \$708,310.50 |
| South Campbell 2015 Wright 76 Wells COMPLETED | 7/13/2015 \$360,000.00 | Continental (Dolphin) | 119 | \$118,032.60 | \$991.87 | 1 | \$991.87 | 680 | 72,819 | \$5.25 | \$382,237.08 |
| | | Rocky Mountain Gas | 159 | \$196,352.00 | \$1,234.92 | 6 | \$7,409.51 | 9,202 | | | |
| | | Balck Diamond Energy Inc | 384 | \$293,081.05 | \$763.23 | 56 | \$42,740.99 | 56,139 | | | |
| | | Loral Operating | 624 | \$545,978.62 | \$874.97 | 1 | \$874.97 | 925 | | | |
| | | USA Exploration | 442 | \$156,396.00 | \$353.84 | 12 | \$4,246.05 | 5,873 | | | |
| Savageton 2016 230 Wells COMPLETED | 4/18/2016 \$1,000,000.00 | Black Diamond Energy Inc | 384 | \$293,081.05 | \$763.23 | 73 | \$55,715.93 | 92,818 | 281,852 | \$3.46 | \$976,183.00 |
| | | High Plains Gas | 1400 | \$4,973,619.00 | \$3,552.59 | 157 | \$557,755.85 | 189,034 | | | |
| Gillette 2016 239 Wells COMPLETED | 5/11/16 \$1,000,000.00 | Patriot Energy | 1342 | \$3,207,050.00 | \$2,389.75 | 162 | \$387,140.16 | 153,814 | 250,740 | \$3.69 | \$924,953.90 |
| | | High Plains Gas | 1400 | \$4,973,619.00 | \$3,552.59 | 77 | \$273,549.05 | 96,926 | | | |
| Buckskin Mine 2016 60 wells COMPLETED | 7/10/2016 \$300,000.00 | USA Exploration | 442 | \$156,396.00 | \$353.84 | 3 | \$1,061.51 | 21,593 | 23,291 | \$8.28 | \$192,947.50 |
| | | Patriot Energy | 1342 | \$3,207,050.00 | \$2,389.75 | 57 | \$136,215.98 | 1,698 | | | |

| Project | Contract Date Contract amount | Operator(s) | Total No. State/Fee Wells | Total Bond Amount | Bond per well | # Project Wells | Total Operator Bond | Footage (Ft) | Total Footage (Ft) | \$ / Ft | Project Cost |
|--|----------------------------------|---------------------------------|---------------------------------|-------------------|------------------|--------------------|---------------------|--------------|-----------------------|---------|----------------|
| Buffalo 2016 137 Wells COMPLETED | 8/10/2016 \$760,000.00 | Black Diamond Energy Inc | 384 | \$293,081.05 | \$763.23 | 122 | \$93,114.29 | 194,049 | 214,924 | \$3.42 | \$735,871.31 |
| | | High Plains Gas | 1400 | \$4,973,619.00 | \$3,552.59 | 15 | \$53,288.78 | 20,875 | | | |
| Arvada 2016 329 Wells ONGOING | 10/24/2016 \$1,500,000.00 | High Plains Gas | 1400 | \$4,973,619.00 | \$3,552.59 | 329 | \$1,168,800.47 | 261,715 | 261,715 | \$3.89 | \$1,016,872.65 |
| IGS 2017 17 WELLS ONGOING | 7/24/2017 \$1,500,000.00 | Industrial Gas Services Inc. | 17 | \$251,100.00 | \$14,770.59 | 17 | \$251,100.00 | 170,450 | 170,450 | \$1.34 | \$228,473.00 |