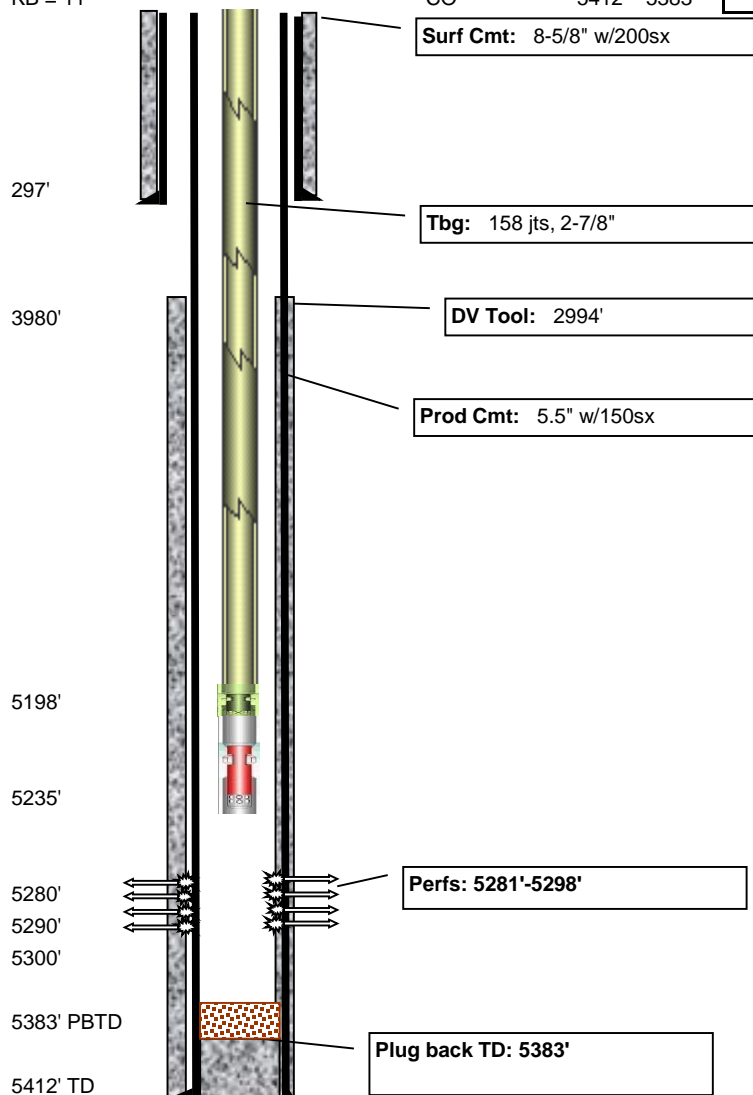


HRMU #9

Pumping

| API # | Lease ID | Permit # | County | KB | GL | Current production | Sec N/S | Sec E/W | Sec |
|--------------------|----------|----------|----------|-------|-------|--------------------|-----------|-----------|-----|
| 05-017-07709 | | | Cheyenne | 4077' | 4066' | | 13S | 43W | 12 |
| Pumping Unit Motor | | | State | TD | PBTD | Initial production | Lease N/S | Lease E/W | Blk |
| KB = 11' | | | CO | 5412' | 5383' | | 400' FSL | 2300' FWL | |



Perforations

| Top | Bottom | SPF | Stimulation | OPEN |
|-------|--------|-----|-------------|------|
| 5281' | 5298' | 4 | Morrow V-7 | yes |

Casing

| Depth | Size | Wgt (#/ft) | Grade | Description |
|-------|--------|------------|-------|-------------|
| 297' | 8-5/8" | 24 | J-55 | |
| 5393' | 5.5" | 15.5 | J-55 | |

Cement

| Hole Si | Sacks | TOC | Description |
|---------|-------|-------|-------------|
| 12.25" | 200 | 0' | |
| 8.75" | 150 | 3980' | |

Tubing

| Description | Size | Length | Top | Bot |
|-------------------|-------------|--------|------|------|
| 10'x2-7/8" Sub | 2-7/8" | 10 | -3 | 7 |
| Tbg 160 jts | 2-7/8" | 5115 | 7 | 5122 |
| TAC | 2-7/8"x5.5" | 3' | 5122 | 5125 |
| 3 Joints Ceramkc | 2-7/8" | 96' | 5125 | 5221 |
| 2.25"x23" Tubing | 2-7/8" | 23 | 5221 | 5244 |
| 6' Perf Sub | 2-7/8" | 6 | 5244 | 5250 |
| 1 Jt 2-7/8" Tbg w | 2-7/8" | 32 | 5250 | 5282 |

Rods

| Description | Size | Length | Top | Bot |
|-------------------|-------|--------|-----|-------|
| 26'x1.5" Polished | 1.5" | 26 | -3 | 23 |
| 1" X 2' pony Rod | 1" | 2' | | 25' |
| 16 - 1" Steel Rod | 1" | 400' | | 425' |
| 59 - 1" FBG Rod | 1" | 2242' | | 2667' |
| 81-7/8" Alpha Ro | 7/8" | 2025' | | 4692' |
| (7)4"x.5" Stab Su | 2.5" | 28 | | 4720' |
| 21-1.5" Sinker B | 1.5" | 525' | | 5245' |
| 2.25"x4' Plunger | 2.25" | 4 | | 5249' |