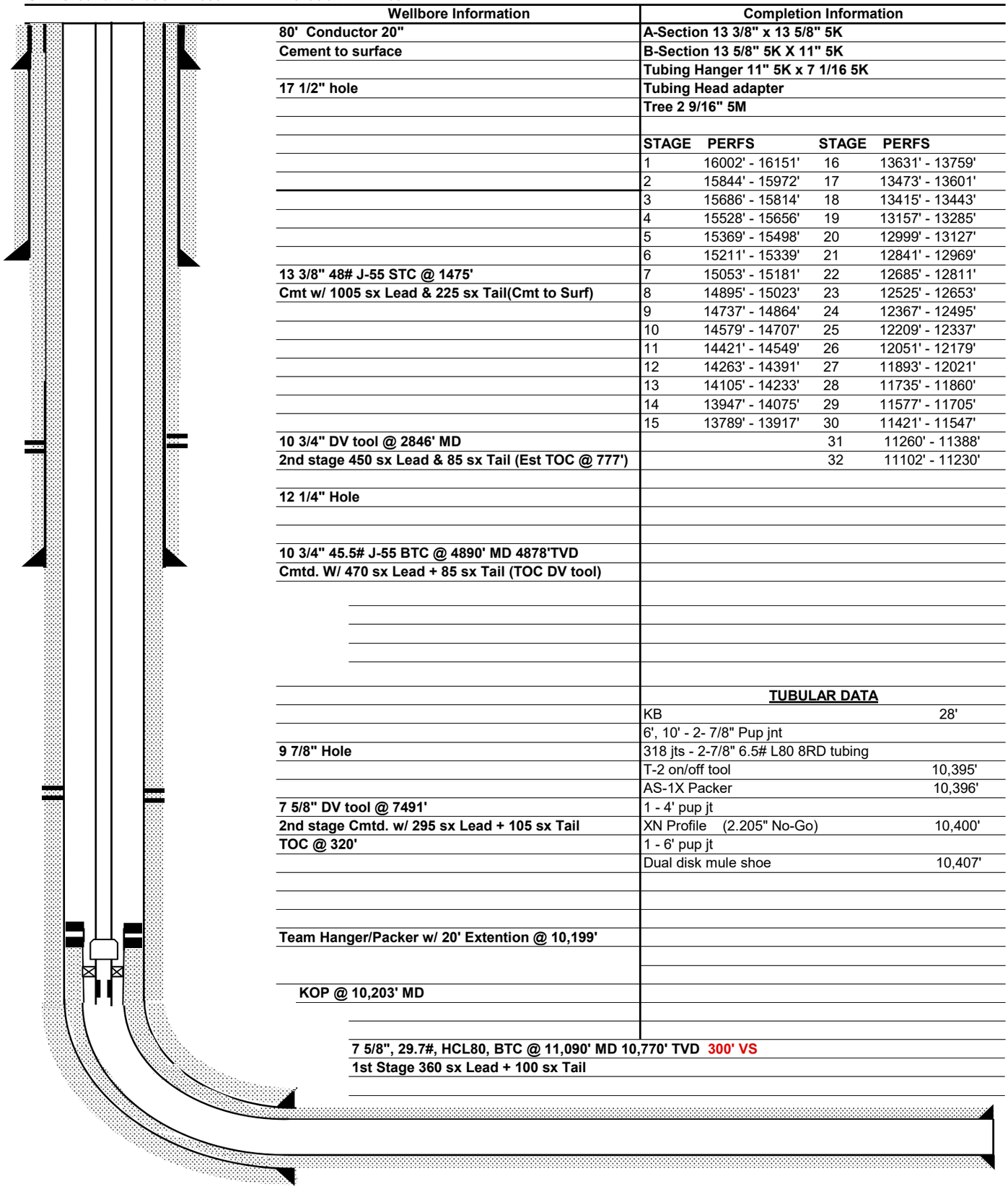
# Abraxas Petroleum Corporation

| Woodberry 101H | Phantom (Third Bone Springs) | 07/26/19 |
|---|---|---|
| Well | Field | Report Date |
| **Texas** | **Ward** | **Oil** |
| State | County | Well Class |

☐ Proposed Completion ☒ Initial Completion Date **07/26/19** ☐ Present Completion Date: _____

| Surface Location | | Bottom Hole Location | |
|---|---|---|---|
| **LAT N: 31.5595027** | **330' FSL SEC 98** | **LAT N: 31.5549976** | **330' FSL SEC 3, BLOCK 17** |
| **LONG W: 103.138410** | **200' FWL SEC 98** | **LONG W: 103.1548575** | **100' FWL SEC 3, BLOCK 17** |

**SHL Ground Elevation: 2653'** **Elevation KB: 2681'**



| Wellbore Information | Completion Information |
|---|---|
| **80' Conductor 20"** | **A-Section 13 3/8" x 13 5/8" 5K** |
| **Cement to surface** | **B-Section 13 5/8" 5K X 11" 5K** |
| | **Tubing Hanger 11" 5K x 7 1/16 5K** |
| **17 1/2" hole** | **Tubing Head adapter** |
| | **Tree 2 9/16" 5M** |

| STAGE | PERFS | STAGE | PERFS |
|---|---|---|---|
| 1 | 16002' - 16151' | 16 | 13631' - 13759' |
| 2 | 15844' - 15972' | 17 | 13473' - 13601' |
| 3 | 15686' - 15814' | 18 | 13415' - 13443' |
| 4 | 15528' - 15656' | 19 | 13157' - 13285' |
| 5 | 15369' - 15498' | 20 | 12999' - 13127' |
| 6 | 15211' - 15339' | 21 | 12841' - 12969' |
| 7 | 15053' - 15181' | 22 | 12685' - 12811' |
| 8 | 14895' - 15023' | 23 | 12525' - 12653' |
| 9 | 14737' - 14864' | 24 | 12367' - 12495' |
| 10 | 14579' - 14707' | 25 | 12209' - 12337' |
| 11 | 14421' - 14549' | 26 | 12051' - 12179' |
| 12 | 14263' - 14391' | 27 | 11893' - 12021' |
| 13 | 14105' - 14233' | 28 | 11735' - 11860' |
| 14 | 13947' - 14075' | 29 | 11577' - 11705' |
| 15 | 13789' - 13917' | 30 | 11421' - 11547' |
| | | 31 | 11260' - 11388' |
| | | 32 | 11102' - 11230' |

**13 3/8" 48# J-55 STC @ 1475'**
**Cmt w/ 1005 sx Lead & 225 sx Tail(Cmt to Surf)**

**10 3/4" DV tool @ 2846' MD**
**2nd stage 450 sx Lead & 85 sx Tail (Est TOC @ 777')**

**12 1/4" Hole**

**10 3/4" 45.5# J-55 BTC @ 4890' MD 4878'TVD**
**Cmtd. W/ 470 sx Lead + 85 sx Tail (TOC DV tool)**

**9 7/8" Hole**

**7 5/8" DV tool @ 7491'**
**2nd stage Cmtd. w/ 295 sx Lead + 105 sx Tail**
**TOC @ 320'**

**Team Hanger/Packer w/ 20' Extention @ 10,199'**

**KOP @ 10,203' MD**

**TUBULAR DATA**

| | |
|---|---|
| KB | 28' |
| 6', 10' - 2- 7/8" Pup jnt | |
| 318 jts - 2-7/8" 6.5# L80 8RD tubing | |
| T-2 on/off tool | 10,395' |
| AS-1X Packer | 10,396' |
| 1 - 4' pup jt | |
| XN Profile (2.205" No-Go) | 10,400' |
| 1 - 6' pup jt | |
| Dual disk mule shoe | 10,407' |

**7 5/8", 29.7#, HCL80, BTC @ 11,090' MD 10,770' TVD 300' VS**
**1st Stage 360 sx Lead + 100 sx Tail**

**5 1/2", 23#, P110, Tec-lock Wedge Semi Flush Liner @ 16,240' MD 10,906' TVD**

**6 3/4" Hole** **490 sx**

**Float Collar @ 16,151' (5357' VS)**
**TD @ 16,249'**