

Peterson Energy Operating, Inc.  
UWHGS 1-17  
NW NW Sec 17 T3N R55W  
Morgan County, Colorado  
API # 05-087-08137-00  
Wellbore Diagram

4/17/2015  
ASP  
(info from Form 5 & previous operator's file)

KB = 4,428 FT (16 FT above GL)  
GL elevation = 4,412'

NOTE: 11" 3,000 WP tubing head with 3 1/16" EUE valve on tubing

17 1/2" hole

ID: 12.615" Drift: 12.459"  
Burst: 2,730 psi Collapse: 1,130 psi

13-3/8" 54.5 # J-55 STC @ 355'

13-3/8" casing cmt'd with 400 sx

12 1/4" hole

3 1/2" 9.3# tubing  
EOT @ 5,032.51'

Baker EA CICR set @ 5,100'

**J-SAND PERFORATIONS**  
5,150 FT to 5,230 FT (80 FT)  
5,270 FT to 5,300 FT (30 FT)

ID = 7.921" ; Drift = 7.875"  
Burst: 5,360 psi; Collapse: 2,950 psi

PBTD: ± 5,900'  
8 5/8" 32# LS-80 LTC @ 5,993'

8-5/8" casing cemented with 1,640 sx

Cement plug from 6508' to 5900'. 225 sacks Premium Cement with 34% Salt (BWOW), 5 LB/sack Micromatrix, and 0.5% HR-5. Mixed at 15.8 ppg; Yield 1.4 cu ft/sack, 56 bbbls cement slurry). Displaced with 8 bbbls water + 66 bbbls 10.1 ppg brine mud (info from previous WBD)

TD 6,508' MD / TVD