

OPERATOR: QEP Energy Co. / HRM Resources LLC  
 WELL: G Kuykendall #10  
 FIELD: HIAWATHA - #34350  
 API # 05-081-06661  
 LEASE #: Federal - #36752  
 UNIT #: D-032679-A  
 BASIN: -

CNTY: Moffat FTG: 660 FNL, 660 FWL  
 STATE: CO Q-Q: NWNW  
 ROTARY SPUD: 10-Jan-87 SEC.: 27  
 COMP: 16-Apr-87 TWS: 12N  
 STATUS: SI RGE: 100W  
 WBD DATE: 8-Nov-18 BY: RJD  
 LAT/LONG: 40.97661, -108.627259

IP GAS: 691 Mcf Calc  
 IP OIL: 17.1 bbl Calc  
 IP WTR: 15.0 bbl Calc  
 CUM GAS: \_\_\_\_\_  
 CUM OIL: \_\_\_\_\_  
 CUM WTR: \_\_\_\_\_  
 LAST PROD: Jun-13

### CURRENT WELLBORE DIAGRAM

KBE: UNKN '  
 KB: UNKN '  
 GLE: 6957.0 '

TD (ft): 5240  
 PBTD (ft): 4900

9 5/8" 43.5# Csg @ 350 '  
 w/ 180 sxs

Top Ft. Union @ 2446 '

CALC TOC @ 4028 '  
 Assuming 150 sx cmt for 5 1/2" csg

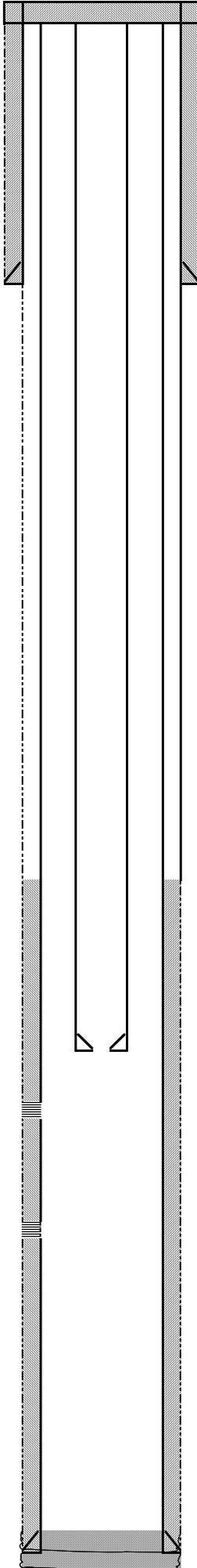
EOT @ 4545 '  
 Est. from Completion report

Ft. Union 4572'-4600'

Ft. Union 4750'-4760'

ORIG PBTD @ 4900 '  
 5 1/2" 23# Csg @ 5235 '  
 Cmt'd w/ 1550 sxs  
 TD @ 5240 '  
 7 7/8" Hole

1550 sx is  
 assumed to be  
 150 sx



CASING HEAD: Unknown  
 WELLHEAD: Unknown

**CASING RECORD**

HOLE (in)	SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	BTM (ft)	JTS
12 1/4	9 5/8	43.5		0	350	
7 7/8	5 1/2	23		0	5235	

Float Collar @

**TUBING RECORD**

COND: \_\_\_\_\_ DATE: \_\_\_\_\_

SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	TALLY (ft)	JTS	est

ITEM	DESC	SIZE (in)	TALLY (ft)	JTS
TUBING	Est. from Comp.Rpt	2 3/8"	4545.00	

EOT @ 4545.00

**PERFORATION RECORD**

ZONE	TOP (ft)	BTM (ft)	SPF	DATE SHOT	STATUS	STIM
Ft. Union	4572	4600	2	Apr-87	Open	503 bbl. 70 quality foam and 77,000#
Ft. Union	4750	4760	2	Apr-87	Open	20/40 Sand.

**WELLWORK HISTORY**

COGCC reports the 5 1/2" surface casing was cemented with 1550 sx cement, which would result in several barrels in cement returns at the surface or several barrels lost to the formation. This seems very unlikely and it seems more likely that the 1550 is a typo meant to be 150 or 155 sx cement.

This wellbore diagram uses the assumption that 150 sx cement was used to cement the production casing into place across the producing formations and above to the calculated top of cement of 4028'.

The P&A plan includes a CBL to be run to determine the cement top for the production casing to ensure proper cementing is completed.