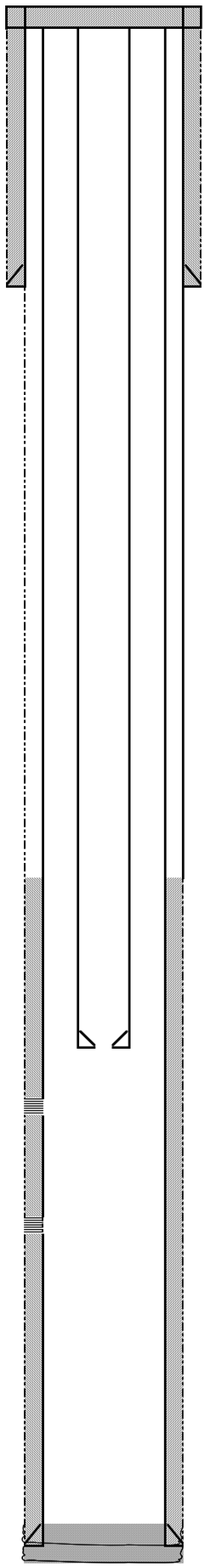
OPERATOR:	QEP Energy Co. / HRM Resources LLC	**CNTY:**	Moffat	**FTG:**	660 FNL, 660 FWL	**IP GAS:**	691 Mcf Calc
WELL:	G Kuykendall #10	**STATE:**	CO	**Q-Q:**	NWNW	**IP OIL:**	17.1 bbl Calc
FIELD:	HIAWATHA - #34350	**ROTARY SPUD:**	10-Jan-87	**SEC.:**	27	**IP WTR:**	15.0 bbl Calc
API #	05-081-06661	**COMP:**	16-Apr-87	**TWS:**	12N	**CUM GAS:**	
LEASE #:	Federal - #36752	**STATUS:**	SI	**RGE:**	100W	**CUM OIL:**	
UNIT #:	D-032679-A	**WBD DATE:**	8-Nov-18	**BY:**	RJD	**CUM WTR:**	
BASIN:	-	**LAT/LONG:**	40.97661, -108.627259			**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 '
Cmtd 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 m eant 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 p roducing 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 co mpleted.