

Operator: KERR-MCGEE OIL AND GAS ONSHORE LP Spud: 1/14/2018 Date: 4/14/2026

Well: HAMMER 3-2HZ Date TD Reached: 3/27/2018

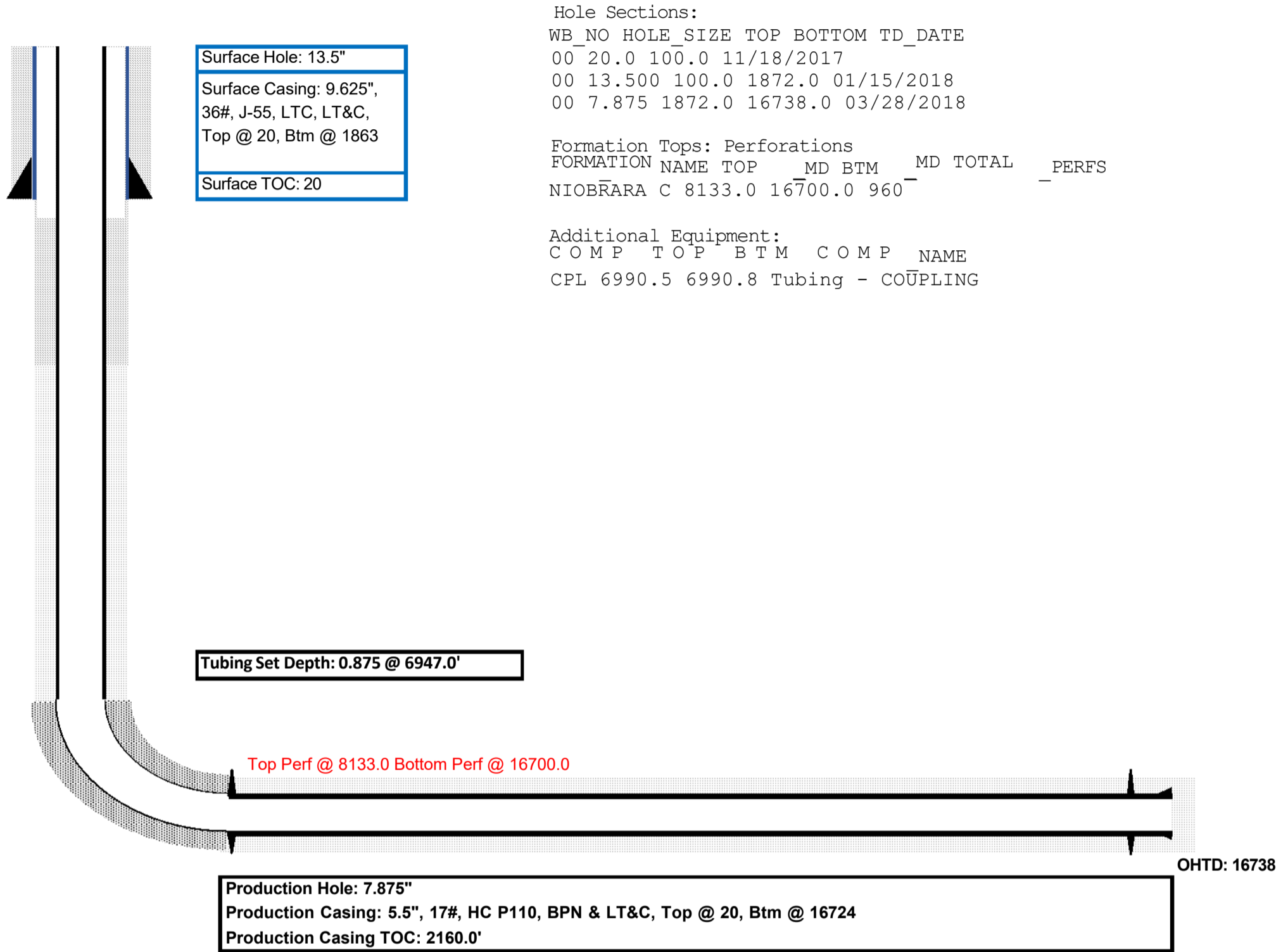
API#: 0512345105 GL: 5044 KB: 5064

County, State: WELD, COLORADO TMD: 16738 TVD: 7638

Lat/Long: 40.076617 / -104.997417 PBMD: 16708 PBTVD: 7638

Location: 1N 68W 3 FNL FEL

Directions: WCR 12 & WCR 7 E 1/10, N 2/10, NW 300' into



Hole Sections:

WB_NO	HOLE_SIZE	TOP	BOTTOM	TD_DATE
00	20.0	100.0	11/18/2017	
00	13.500	100.0	1872.0	01/15/2018
00	7.875	1872.0	16738.0	03/28/2018

Formation Tops: Perforations

FORMATION	NAME	TOP	MD	BTM	MD	TOTAL	_PERFS
NIOBRARA	C	8133.0	16700.0	960			

Additional Equipment:

COMP	TOP	BTM	COMP	NAME
CPL	6990.5	6990.8	Tubing	COUPLING

Cement Jobs:

ASSEMBLY_NAME	JOB_TYPE	SACKS_USED	FLUID_TYPE	SLURRY_DESC	TOP	BTM	CBL	LOG_TOC_MD
SURFACE CASING	Primary		DISPLACEMENT	WATER	20.0	1820.6	No	
SURFACE CASING	Primary		PRE FLUSH	WATER	20.0	20.0	No	
SURFACE CASING	Primary	669.0	LEAD	STANDARD	20.0	1862.7	No	
PRODUCTION CASING	Primary		DISPLACEMENT	WATER	20.0	16738.0	Yes	2160.0
PRODUCTION CASING	Primary	1070.0	TAIL	50/50 POZ-MIX	7000.0	16738.0	Yes	2160.0
PRODUCTION CASING	Primary	340.0	LEAD	FLEXIBLE	3450.0	7000.0	Yes	2160.0
PRODUCTION CASING	Primary		SPACER	GEL SPACER	20.0	100.0	Yes	2160.0