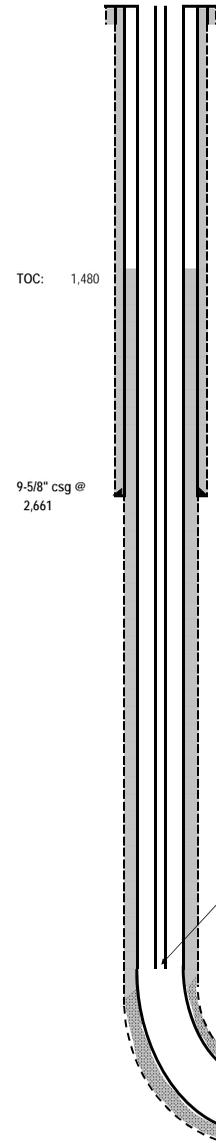


WELL NAME: WARBLER 13W-27-19 OPERATOR: EXTRACTION OIL & GAS
 FIELD: WATTENBERG FORMATION: Niobrara
 SHL: qtr-qtr SWSE Section 13 Township 1S Range 66W
 BHL: qtr-qtr SWSE Section 16 Township 1S Range 66W
 COUNTY: ADAMS STATE: CO API: 05-001-10547-00

not to scale
 GROUND LEVEL: 5081
 KELLY BUSHING: 5106
 SPUD DATE: 7/8/2023
 TD DATE: 10/22/2023



CONDUCTOR CASING
 SIZE: 16"
 WEIGHT: 40#
 HOLE SIZE: 24"
 CSG DEPTH: 92
 CEMENT: 100 SKS
 TOC: SURFACE

SURFACE CASING
 SIZE: 9-5/8"
 WEIGHT: 36#
 HOLE SIZE: 13-1/2"
 HOLE DEPTH: 2,661
 CSG DEPTH: 2,661
 CEMENT: 1191 SKS
 TOC: surface

PRODUCTION CASING
 SIZE: 5-1/2"
 WEIGHT: 20#
 HOLE SIZE: 8-1/2"
 TOTAL DEPTH TVD 7,581
 TOTAL DEPTH MD 21,755
 CSG DEPTH: 21,738
 CEMENT: 3405 SKS
 TOC: 1,480

PRODUCTION TUBING
 SIZE: 2 3/8"
 WEIGHT: 4.7#
 DEPTH: 7,823
 PACKER DEPTH: 7,822

FRAC DATA

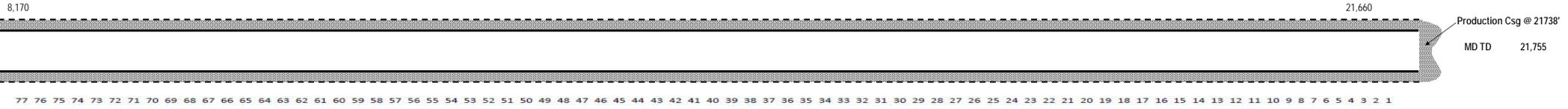
507,996	BBLS GELLED FLUID
608	BBLS ACID
37,019	BBLS FRESH WATER
545,623	BBLS TOTAL FLUID

EOT @ 7823

FORMATION TOPS & PERFORATIONS
 NIOBRARA MD 7,599

PERFORATIONS 8,170 21,660

0	# 30/50 MESH
15,614,870	# 40/70 MESH
376,750	# 100 MESH
15,991,620	# TOTAL SAND
77	STAGES



77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1