

WELL NAME:	STATE ANTELOPE O24-K21-31HNC					OPERATOR:	BONANZA CREEK	
FIELD:	WATTENBERG					FORMATION:	Niobrara	
SHL:	qtr-qtr	SWSE	Section	31	Township	5N	Range	62W
BHL:	qtr-qtr	SESW	Section	30	Township	5N	Range	62W
COUNTY:	WELD		STATE:	CO		API:	05-123-51159-00	

not to scale	
GROUND LEVEL:	4552
KELLY BUSHING:	4576
SPUD DATE:	1/29/2022
TD DATE:	2/14/2022

9 5/8" csg @
1,684

CONDUCTOR CASING

SIZE:	16
WEIGHT:	42#
HOLE SIZE:	24
CSG DEPTH:	80

SURFACE CASING

SIZE:	9 5/8"
WEIGHT:	36#
HOLE SIZE:	13 1/2"

HOLE DEPTH:	1,684
CSG DEPTH:	1,684
CEMENT:	650 SKS

TOC:	surface
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PRODUCTION CASING

SIZE:	5 1/2"
WEIGHT:	20#
HOLE SIZE:	8 1/2"
TOTAL DEPTH TVD	6,385
TOTAL DEPTH MD	11,969
CSG DEPTH:	11,957
CEMENT:	1945 SKS

TOC:	356
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PRODUCTION TUBING

SIZE:	2-3/8"
WEIGHT:	4.7#

DEPTH:	6,493
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PACKER DEPTH:	6,491
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FRAC DATA

262,873	BBLS GELLED FLUID
393	BBLS ACID
8,573	BBLS FRESH WATER
271,839	BBLS TOTAL FLUID

FORMATION TOPS & PERFORATIONS

NIORARA MD	6,366
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PERFORATIONS	6,748	11,831
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0	# 30/50 MESH
4,105,460	# 40/70 MESH
1,788,590	# 100 MESH
5,894,050	# TOTAL SAND

32	STAGES
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EOT @ 6493

Production Csg @ 11957'

MD TD 11,969

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