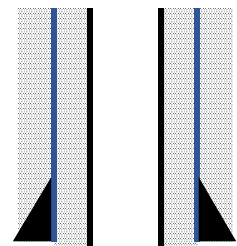


Operator: KERR-MCGEE OIL AND GAS ONSHORE LP  
Well: ALFALFA 20-5HZ  
API#: 0512352715  
County, State: WELD, COLORADO  
Lat/Long: 40.1245490984905 / -104.90872813564  
Location: 2N 67W 20 FNL FEL  
Directions: CR 19 & CR 20, W 6/10, S 4/10, W 4/10 into.

Spud: 10/26/2024  
Date TD Reached: 1/12/2025  
GL: 4977  
TMD: 18390  
PBMD: 18377  
KB: 5003  
TVD: 7424  
PBTVD: 7424

Date: 7/17/2025



Surface Hole: 12.25"  
Surface Casing: 8.625",  
28#, L-80, 8RD, Top @  
26, Btm @ 1881  
Surface TOC: 26

Hole Sections:

WB_NO	HOLE_SIZE	TOP	BOTTOM	TD_DATE
00	26.000	26.0	106.0	10/10/2024
00	12.250	106.0	1890.0	10/26/2024
00	7.875	1890.0	18390.0	01/14/2025

Formation Tops: Perforations

FORMATION_NAME	TOP_MD	BTM_MD	TOTAL_PERFS
NIOBRARA B	8126.0	13724.0	288
NIOBRARA C	13774.0	18286.0	336

Tubing Set Depth: 2.375 @ 7785.0'

Top Perf @ 8126.0

Bottom Perf @ 18286.0

OHTD: 18390

Production Hole: 7.875"  
Production Casing: 5.5", 17#, P110 ICY, TPN, Top @ 26, Btm @ 18377  
Production Casing TOC: 1252.0'

Cement Jobs:

ASSEMBLY_NAME	JOB_TYPE	SACKS_USED	FLUID_TYPE	SLURRY_DESC	TOP	BTM	CBL	LOG_TOC_MD
SURFACE CASING	PRIMARY	0.0	FRESH WATER	WATER	26.0	1840.8	No	
SURFACE CASING	PRIMARY	0.0	FRESH WATER	Fresh Water	26.0	26.0	No	
SURFACE CASING	PRIMARY	663.0	LEAD CEMENT	NEAT	26.0	1880.0	No	
PRODUCTION CASING	PRIMARY	870.0	TAIL CEMENT	NeoCem E+ Tail	8590.0	18376.7	Yes	1252.0
PRODUCTION CASING	PRIMARY		FRESH WATER	Fresh Water	26.0	18365.0	Yes	1252.0
PRODUCTION CASING	PRIMARY	810.0	LEAD CEMENT	Isobond Lead	1298.0	8590.0	Yes	1252.0
PRODUCTION CASING	PRIMARY	138.0	MUDPUSH	Tuned Spacer 3	26.0	1298.0	Yes	1252.0