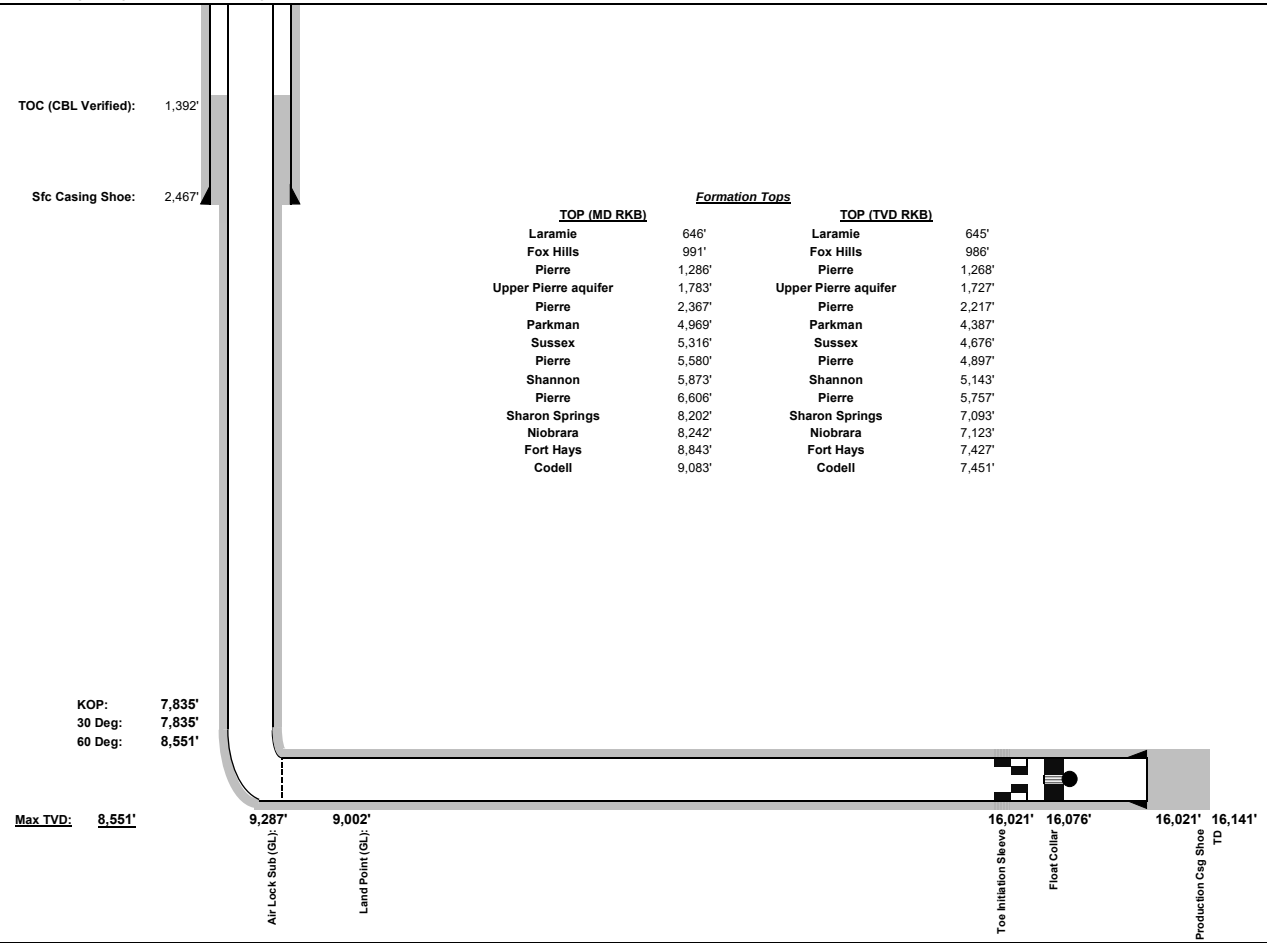
County Line 3229-21H



Formation Tops

	TOP (MD RKB)		TOP (TVD RKB)
Laramie	646'	Laramie	645'
Fox Hills	991'	Fox Hills	986'
Pierre	1,286'	Pierre	1,268'
Upper Pierre aquifer	1,783'	Upper Pierre aquifer	1,727'
Pierre	2,367'	Pierre	2,217'
Parkman	4,969'	Parkman	4,387'
Sussex	5,316'	Sussex	4,676'
Pierre	5,580'	Pierre	4,897'
Shannon	5,873'	Shannon	5,143'
Pierre	6,606'	Pierre	5,757'
Sharon Springs	8,202'	Sharon Springs	7,093'
Niobrara	8,242'	Niobrara	7,123'
Fort Hays	8,843'	Fort Hays	7,427'
Codell	9,083'	Codell	7,451'

Date 5/23/2024

WELL: County Line 3229-21H Pre-Frac WBD

LOCATION: SWSE Sec 31 01N635W
1659' FEL; 340' FSL

FORMATION: Codell

API #: 05-123-52052

Field: DJ Horizontal Niobrara

Spud: 02/12/24

Current Status: Awaiting Completions

Well Type Horizontal

Well Length MRL

Casing and Tubular Data

Type	Size	Weight	Top	Bottom	Hole Size	Cement Type
Surface	9 5/8	36.0 ppf	0'	2,467'	13.5"	15.8ppg Class G Neat
Production	5 1/2	20.0 ppf	0'	16,126'	8.5"	13.2 Lead, 13.2 Tail
Tubing	2 3/8	4.6 ppf	0'	n/a	n/a	

Elevation Data

GL	5037	feet
KB	5056	feet
Difference	19	feet

*All depths from GL unless otherwise noted

TPZ/ Heal Setback Depth (MD GL): 9,002'
BPZ/ Toe Setback Depth (MD GL): 16,019'
Production Casing Info: 5.5" 20# US Steel P110HP Freedom HTQ
Cement to Surface during 5.5" Job: 36 bbls