

OPERATOR: K.P. Kauffman Company Inc.

WELL: GRANT #3

FIELD: SPINDLE

API # 05-123-09307

LEASE #:

UIC #:

CNTY: FREDERICK/WELC

STATE: CO

SPUD: 11/8/1977

COMP: 12/17/1990

STATUS: SI

WBD DATE: 10/11/2022

FTG:

Q-Q: SENW

SEC.: 26

TWS: 2N

RGE: 68W

BY:

CURRENT WELLBORE DIAGRAM

KBE: 4948 '

KB: 10 '

GLE: 4938 '

TD (ft): 5021 '

PBTD 4969 '

12.25" Hole
8.625" 24# Csg @ 213 '
Cmtd w/200 sxs

STAGE TOOL @ 744 '
Cmtd w/ 150 sxs
TOC @ Surface
Calc Assuming 1.15 yield

TOC @ 3253 '
Calc Assuming 1.15 yield

7.875" Hole
4.5" 10.5# Csg @ 5020 '
Cmtd w/350 sxs

SUSSEX Perfs
4535'-4545'

SHANNON Perfs
4906'-4924'

PBTD 4969 '
TD (ft): 5021 '

CASING RECORD

HOLE (in)	SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	BTM (ft)
12 1/4	8 5/8	24		0	213
7 7/8	4 1/2	10.5		0	5020

TUBING RECORD

SIZE (in)	WT (lb/ft)	GRADE	JOINTS	BTM (ft)

PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)	HOLES	STAGE	STATUS
SUSSEX	4535	4545	40		
SHANNON	4906	4924	19		