

OPERATOR: K.P. Kauffman Company Inc.

WELL: STATE #13

FIELD: SPINDLE

API # 05-123-09465

LEASE #:

UIC #:

CNTY: FREDERICK/WELD

STATE: CO

SPUD: 4/29/1978

COMP: 8/8/1978

STATUS: PR

WBD DATE: 9/16/2022

FTG:

Q-Q: SENW

SEC.: 36

TWS: 2N

RGE: 68W

BY:

CURRENT WELLBORE DIAGRAM

KBE: 5036 '

KB: 10 '

GLE: 5026 '

TD (ft): 5216

PBTD (ft): 5160

12.25" Hole
8.625" 24# Csg @ 809 '
Cmtd w/350 sxs

TOC @ 3196 '
Calc Assuming 1.15 yield

7.875" Hole
4.5" 10.5# Csg @ 5215 '
Cmtd w/400 sxs

SUSSEX Perfs
4660'-4686'

SHANNON Perfs
5084'-5108'

PBTD (ft): 5160 '

TD (ft): 5216 '

CASING RECORD

HOLE (in)	SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	BTM (ft)
<u>12 1/4</u>	<u>8 5/8</u>	<u>24</u>		<u>0</u>	<u>809</u>
<u>7 7/8</u>	<u>4 1/2</u>	<u>10.5</u>		<u>0</u>	<u>5215</u>

TUBING RECORD

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

PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)	HOLES	STAGE	STATUS
<u>SUSSEX</u>	<u>4660</u>	<u>4686</u>	<u>54</u>		
<u>SHANNON</u>	<u>5084</u>	<u>5108</u>	<u>50</u>		