

OPERATOR: K.P. Kauffman Company Inc.
WELL: ENERGY MINERALS UNIT A #1
FIELD: SPINDLE
API # 05-123-10148
LEASE #:
UIC #:

CNTY: WELD
STATE: CO
SPUD: 1/8/1981
COMP: 3/1/1981
STATUS: PR
WBD DATE: 8/16/2022

FTG:
Q-Q: SENW
SEC.: 27
TWS: 2N
RGE: 67W
BY:

CURRENT WELLBORE DIAGRAM

KBE: 5003 '
KB: 10 '
GLE: 4993 '

TD (ft): 4862 '
PBD (ft): 4818 '

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>219</u>
<u>7 7/8</u>	<u>4 1/2</u>	<u>10.5</u>		<u>0</u>	<u>4862</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>4680</u>	<u>4702</u>	<u>92</u>		

12.25" Hole
8.625" 24# Csg @219 '
Cmtd w/200 sxs

DV TOOL @ 840'
2000 gal Angel

TOC @ 3852 '
Calc Assuming 1.15 yield

7.875" Hole
4.5" 10.5# Csg @4862 '
Cmtd w/200 sxs

SUSSEX Perfs
4680'-4702'

PBD (ft): 4818 '
TD (ft): 4862 '