

OPERATOR: K.P. Kauffman Company Inc.
WELL: MILLER #13-5
FIELD: SPINDLE
API # 05-123-15954
LEASE #: _____
UIC #: _____

CNTY: WELD
STATE: CO
SPUD: 8/21/1992
COMP: 9/4/1992
STATUS: PR
WBD DATE: 8/25/2022

FTG: _____
Q-Q: NWSW
SEC.: 5
TWS: 1N
RGE: 67W
BY: _____

CURRENT WELLBORE DIAGRAM

KBE: 5083 '
KB: 12 '
GLE: 5071 '

TD (ft): 4910 '
PBTD (ft): 4865 '

12.25" Hole
8.625" 24# Csg @ 219 '
Cmtd w/220 sxs

TOC @ 650 '
CBL

STAGE TOOL @ 1550 '
Cmtd w/ 188 sxs

TOC @ 4300 '
CBL

7.875" Hole
4.5" 10.5# Csg @ 4900 '
Cmtd w/198 sxs

SUSSEX Perfs
4766'-4777'

PBTD (ft): 4865 '
TD (ft): 4910 '

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>4900</u>

TUBING RECORD

SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	TALLY (ft)	JTS
<u>2 3/8</u>	<u>4.7</u>		<u>0</u>	<u>4729</u>	<u>153</u>

PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)	HOLES	STAGE	STATUS
<u>SUSSEX</u>	<u>4766</u>	<u>4777</u>	<u>20</u>		