

OPERATOR: K.P. Kauffman Company Inc.

WELL: HEIN #31-1

FIELD: SPINDLE

API # 05-123-16153

LEASE #:

UIC #:

CNTY: WELD

STATE: CO

SPUD: 6/2/1993

COMP: 6/14/1993

STATUS: PR

WBD DATE: 10/11/2022

FTG:

Q-Q: NWNE

SEC.: 1

TWS: 1N

RGE: 67W

BY:

## CURRENT WELLBORE DIAGRAM

KBE: 4902 '

KB: 10 '

GLE: 4892 '

TD (ft): 4807 '

PBTD (ft): 4771 '

TOC @ 80 '

CBL

12.25" Hole  
8.625" 24# Csg @ 319 '  
Cmtd w/260 sxs

STAGE TOOL @ 1200 '  
Cmtd w/ 160 sxs

TOC @ 4030 '  
CBL

7.875" Hole  
4.5" 10.5# Csg @ 4803 '  
Cmtd w/225 sxs

SUSSEX Perfs  
4640'-4650'

PBTD (ft): 4771 '

TD (ft): 4807 '

### 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>319</u>
<u>7 7/8</u>	<u>4 1/2</u>	<u>10.5</u>		<u>0</u>	<u>4803</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>4640</u>	<u>4650</u>	<u>20</u>		