

OPERATOR: K.P. Kauffman Company Inc.

WELL: FREDERICK UNIT D #1

FIELD: SPINDLE

API # 05-123-11765

LEASE #:

UIC #:

CNTY: FREDERICK/WELD

STATE: CO

SPUD: 4/20/1984

COMP: 5/30/1984

STATUS: PR

WBD DATE: 9/8/2022

FTG:

Q-Q: NENE

SEC.: 36

TWS: 2N

RGE: 68W

BY:

CURRENT WELLBORE DIAGRAM

KBE: 4992 '

KB: 10 '

GLE: 4982 '

(TVD (ft): 5205') TMD (ft): 5988 '
(PBTVD (ft): 5186') PBTMD (ft): 5969 '

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>354</u>
<u>7 7/8</u>	<u>5 1/2</u>	<u>15.5</u>		<u>0</u>	<u>5960</u>

TUBING RECORD

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

PERFORATION RECORD (TMD)

ZONE	TOP (ft)	BTM (ft)	HOLES	STAGE	STATUS
<u>SUSSEX</u>	<u>5290</u>	<u>5370</u>	<u>324</u>		
<u>SHANNON</u>	<u>5858</u>	<u>5888</u>	<u>124</u>		

12.25" Hole
8.625" 24# Csg @ 354 '
Cmtd w/350 sxs

TOC @ 3471 '
Calc Assuming 1.15 yield

7.875" Hole
5.5" 15.5# Csg @ 5960 '
Cmtd w/375 sxs

SUSSEX Perfs
5290'-5370'
(TVD 4561'-4625')

SHANNON Perfs
5858'-5888'
(TVD 5084'-5112')

(PBTVD (ft): 5186') PBTMD (ft): 5969 '
(TVD (ft): 5205') TMD (ft): 5988 '