

7-226W + 83 ✓
MAP NO. _____ SEC. 29 TWP. 33S RGE. 36W
STATE Kans COUNTY Stevens LOC. C SW/4

OPERATOR Northern Pump Co., Mpls., Minn. FT. FROM _____ LINE

WELL NO. 4 FARM NAME Carpenter FT. FROM _____ LINE

LOC. WC-2 miles W of Morr * ELEV. 3068 GR 3075 DF 3078 KB

FR. 5/18/62 SPUD 5/19/62 COMP. 7/24/62

CONT. Gabbert - Jones Drlg. Rig/GEOL.

NAME PRODUCING INTERVAL COMPLETION RECORD TREATMENT RECORD
FROM - TO PERF. W/HOLES
a Perm 2632-2830 304 500 A & Frac

b _____

c _____

d 72-20

a I. P. OIL/DIST. 0 WTR. 0 GAS 38,000 MCFGPD CHK. HRS. 24

b " " " " " "

c " " " " " "

d _____

SIP# _____ FI TP # _____ FI CPH _____ SIBHP _____

GOR. _____ GR. _____ PBD 2850 (Est) TD 6430

SIZE DEPTH CASING - CEMENT RECORD SIZE DEPTH W/SAX.

13 3/8" @ 610 300

8 5/8" @ 2895 800

OPERATOR Northern Pump Co. WELL NO. 4 Carpenter ELEV. 3078 KB

SAMPLE TOPS DEPTH SUB SEA ELEC. TOPS DEPTH SUB SEA

*Gas in Center Pool - Hugoton Gas Area)

(No sample tops)

KB Tops & Datums

RTD(St.Gen)	6430	-3352	Herr.	2628	+ 450
			Kri	2688	+ 390
			Winf	2745	+ 333
			U.FR	2805	+ 273
			L/FR	2863	+ 215
			LTD(LFR)	2895	+ 183

2nd Log

Cong	3064	+ 14
Top	3947	- 869
Hb	4180	-1102
Tor	4251	-1173
Lans	4351	-1273
Marm	5082	-2004
Chero	5229	-2151
Morr	5811	-2733
Morr sd	6163	-3085
Chest	6176	-3098

(Continued 2nd Log tops)

*St. Gen 6392 -3314

LTD N.A.

Ran log @ 2895 (Temp TD)

DST #1 (Chero) 5785-5845, op 50 min, rec 30' Mud, IBHP 135/30,

FP 86-96, FBHP 106/30:

DST #2 (Morr) 6119-75, op 1½ hrs, rec 30' Mud, IBHP 283/30,

FP 43-43, FBHP 305/30:

RTD 6430, dry in lower zones to complete in Permian.

Log, MICT, CO set plug. Est 2850 PBDT, p 88/2808-30,

48/2762-74, 104/2696-2722, 8/2665-67, 56/2632-46 (Perm),

A/500 M, sand frac/100,000 GW x sd/100000, rec 1d, 24 hr

BD g 25,000 MCF, 72/20 - 38,000 MCF, SIP 288#, Perm 2632-2830.

LIBERAL ELECTRIC LOG TOPS

3078 KB

Heebner 4337 (-1259)

Toronto 4350 (-1272)

Lansing 4462 (-1384)

Marmaton 5082 (-2004) tst 30' Mud

Morrow 5818 (-2740)

Sand 6163 (-3085) 3/37; tst 30' Mud

Chester 6226 (-3148)

Ste. Gen 6420 (-3342)

TD 6436