

90321

1-87W
MAP NO. K 823540 GR ELEV. 3547DF 3550KBSTATE Kans COUNTY Morton SEC. 17 TWP. 35S RGE. 41WOPERATOR Cities Service Pet. LOC. C SE NWWELL NO. 2 FARM NAME Hayward "D" Lse FT. FROM _____ LINE _____COL WC FT. FROM _____ LINE _____FR. 11/3/61 SPUD 11/2/61 COMP. 1/9/62CONT./GEOL. Holm Drlg Tools.COMPLETION RECORD
NAME PRODUCING INTERVAL FROM - TO PERF. W/HOLES TREATMENT RECORDa Top 3184-3335 316 4750 A

b _____

c _____

d WH OFd I. P. OIL/DIST. WTR. GAS 22,500 M.C.F.P.D. CHK. _____ HRS. 24

b " " " " " "

c " " " " " "

d _____

D & A ()

SIP# 411# FI TP # _____ FI CP# _____ SIBHP _____GOR. _____ GR. _____ PBTD 3345 TD 5270CASING - CEMENT RECORD
SIZE DEPTH W/SAX. SIZE DEPTH W/SAX.

8 5/8" 1541 700

5 1/2" 3531 300

OPERATOR Cities Servi. Pet. WELL NO. 2 Hayward "D" Lse ELEV. 3550 KB

SAMPLE TOPS DEPTH SUB SEA ELEC. TOPS DEPTH SUB SEA

No Sample Tops

TD (Morr) 5270 -1720

Top 3148 + 402

Hb 3540 + 10

Tor 3556 - 6

Lans 3696 - 146

Marm 3924 - 347

Morr 4810 - -1260

Morr sd 5178 -1628

(28' Net)

Morr sd 5218 -1668

(22' Net)

LTD (Morr) Not avail.

DST #1 (Top) 3157-3260, op 1 hr, GTS/3", Ga 294 Mcfgpd/7"
Ga 774 Mcfgpd/1 hr., R 380' GCM, IFP 249#, FFP 363#,
FBHP 505#/30".

DST #2 (Top) 3296-3316, Op 1 hr, GTS/1½", Ga 1295 Mcfgpd
7", Ga 1902 Mcfgpd/60", R 20' GCM, IFP 125#, FFP
270#, FBHP 465#/20".

DST #3 (Top) 3335-65, Op 1 hr, GTS/5", TST, Mist of Cond

Swanson Zone
3830 (-280)

R 240' G&MCO, FP 89-143, BHP 462/30:

#4 DST (Morr) 5190-5210, op 45 min, rec 20' Mud, FP 10-10,
BHP 480/20:

RTD 5270, $5\frac{1}{2}$ " @ 3531/300 sx. CO 3505. 40/3348-58 (Top),
\$ 9 GW/1 hr, A/250 (15%), flo 1,207 MCF + 2 1/3 BFPH/4 hrs
(40% wtr + 10% BS + 50%?), g 1,657 MCF + 1/2 BFPH, sq 3348-
58/150 sx, CO 3345 PBTD, 40/3325-35 (Top), g 2,260 MCF Nat/
15 min, 28/3302-09, 24/3294-3300 (Top) g 5,400 MCF + spray
oil/45 min, A/1000 (15%), g 18,500 MCF + mist oil/12 hrs,
56/3254-68, 88/3210-32, 80/3184-3204 (Top), g 22,000 MCF/15
min, A/1000 ($7\frac{1}{2}$ %) * A/2500 (15%), g 26,400 MCF + mist AW/6
hrs. WHOF 22,500 MCF, SIP 411#, Top 3184-3335.

LIBERAL LOG TOPS

3550 KB

Topeka 3148 (+402) ϕ WHAOF = 22,500 MCF

Heebner 3540 (+10)

Toronto 3556 (-6)

Lansing 3696 (-146)

Marmaton 3924 (-374)

Morrow 4810 (-1260)

No "L" Sand

"S₃" Sand 5178 (-1628) 22/28 $\rightarrow$ mud

"S₃" Sand 5218 (-1668) 22/22

TD 5270