

1320' FN&EL Sec. 34-33S-39W
Panoma Council Grove fld.
Stevens Co., Kans.
APC WI: 100%
Contr.: Earl F. Wakefield

LIGHT "D" #1
ETD: 3100' Council Grove

APC OPERATED
DEVELOPMENT

- 3-8-23 MICT
3-9 164 SD due to heavy rain ^{and crew failure} & wind 7:45 AM 3/8
3-10 -372 " " " " (Road very bad - several
crew members down w/flu)
3-13 Prep to resume drilling
3-14 1070', drlg. Contd 8 7/8" esg @ 503'
3-15 2040 drlg
3-16 2454 φ
3-17 2779 φ
3-18 2870 cutting Core #1
3-19 2899 " " #2, Core #1 2840-2895 Rec 55'
30' gray shale, 14 1/2" brown siltstone, 4 1/2' lime.
3-20 3023 φ LC @ 2909 @ 12:58 PM 3/19, Rec. Core #2
2895-2909 Rec 14' - 1 1/2' lime, 3' Brown siltstone,
9' sh, began core & resumed drlg @ 6 PM
(Est Top of Council Grove @ +400', Top from core +430')
3-21 3100' TD Prep to run 5 1/2", Ran OH logs (Depth from
core was correct) Logs look as good in lower
section as when - no thinning - have a couple
of Gamma - Guard (Lately)
3-22 TD 3100' Contd
WOC 5 1/2" esg @ 3099'
3-23 TD 3100', WOC
3-24 TD 3100', WOC
3-25 TD 3100', MICT
3-26 TD 3100', MICT
3-27 TD 3100', MICT
3-28 TD 3100' Testing Council Grove perf 3048-56' & 3060-66'
PBTD 3083. IN & PACT. Ran CR/collar logs
3083-2600'. Perf'd 3048-56' & 3060-66'
Council Grove w/ 2 shots / ft. Prep to sub drl
& test before acidizing.
3-29 Test Perf'd 3048-56' & 3060-66' after acid (98 bbls acid)
Swab dry after the 73 bbls acid. (C-2 zone)
3-30 7 AM 3/29 13 H&SICP-3# Rec 7 bbls acid in 11 hrs
Small show of gas 7 AM 3/30 - C# SICKP
SD Due to weather - (May run & test this
zone)
3/31 Run 1/2 SD due to weather
4/3 Prep to frac perf 3060-66', 3048-56'. @ 7 AM
on 4-2 SICKP 1# Bail dry. Rec. 3.5 bbl. Bail 9 gals
with 14 1/2" of 14 1/2" of 14 1/2" of 14 1/2"

Light "D"

- 4-19 Prep to squeeze pups 2952-58 (CB-B-2)
7 hrs SICP 418-390 (B-2) Slowly & bailing
1.5 BWPH w/ good show of gas. Rec 9 bbls
over load.
- 4/20 WOL 4/19 7AM 385# SICP Sq. Pup. 2952-58
- 4/21 + 4/22 WOL
- 4/23 Blow to gas. B-1
- 4/24 Testing 2926-2938 (B-1), Test 24, Aired
w/1000 gal, Rec 72 BL, 25 bbls left to Rec.
Sm. Sh. of gas
- 4/25 Test 2926-38 (B-1), 7AM 4/24 SICP 240#
6 PM 4/24, Rec 82 BL, Lack 15 BL, Sm. Sh. Gas.
(Bailing 1/2 BPH last 6 hrs)
- 4/24 Pupts From 2850-2938 overall, 7AM 4/25
SICP 250# Pup. 2926-38 (B-1) 5 gal water/hr.
w/Sm. Show Gas
- 4/27 Dwg. From Load 7AM 4/26 250# SICP
Pup 2850-2938 and w/3000 gal, From 120,000 gal
+ 120,000 # Sol.
- 4/28 Blow to Clean 6397 mufd (wet)
- 4/29 5,540 w/let. mist, ~~from 2/4/73~~
- 4/30 Ran 2 1/16, Sub. (Kick at 7:20 AM 4/30)
(later OK)
- 5/1 SI Blow to clean on 4/30 1,020 mufd thru
to w/201# Cp. w/mist
- 5/2 SI for test.
- 5/3 " " "
- 5/4 Rng 1 pt test.
- 5/5 On 5/3 234# SICP, 5/4 thru Crg 3780 mufd,
96# FCP, 138# TB, light mist.
- 5-6-7 SI Fa Test
- 5-8 Rng 1PT, 4/3 Test Run 5/7 Results later
- 5-9 Testing (Results look wrong - 5-7 mufd Act)
- 5-10 Run 1PT Test Results later

FINAL

4PT 5/7/73 72 hr SITP 214.8# SICP 214.5#
Slope .768, 24 hr 1 PT 5/10/73, 3060 mufd
thru Annulus 132# FCP, 158 TB, CWHOF 5786,
est Del 1899 mufd (Very light mist)