

APC WI: 100%
Contr.: Carl F. Wakefield

APC OPERATED
DEVELOPMENT

- 3/21/73 WOR
- 3/22 MORT
- 3/23 MORT. SD due to weather.
- 3/24 SD due to weather
- 3/25 thru
- 3/26
- 3/27 SD due to weather
- 3/28 " " " "
- 3/29 " " " "
- 3/30-4/2 " " " " (May be able to Speed today 4/2)
- 4-3 1495', spudded @ 8AM on 4-2-73.
- 4-4 1740 WOC 8 5/8 SET @ 1739
- 4-5 1900 ϕ
- 4-6 2530' dilg
- 4-7 2860 dilg
- 4-8 2916 Coring (Start @ 2895)
- 4-9 2957 Cutting Core #2, Core #1 2895-2955 Rec. 60'
22' lm., 19' Siltstone & fg. ss, 19' shale w/limst
Anhydrite nodules. (Rng approx 20' large may have
mined top by 13')
- 4-10 3003 Coring (Core #2)
- 4-11 3039 Coring (Core #3) Core #2 2955-3004 Rec. 49'
13' lm, 11' shale & silt, 25' shale & Anhydrite. Connection after
looking @ Core #1 #2 - Mined Top - Council Grove 12'
to map - Actually started Coring above Coring
Point, but some of "A" section, had a gross 5' sand
interval at top of Council Grove - "Best seen".
- 4-12 3092' coring Core #4. Cut Core #3 3004-3064' Rec. 60'
31' lm stone 29' shale.
- 4-13 3124' tripping out of hole w/ Core #4.
3064'-3124'.
- 4-14 Core #5 3124-3156 well gamed, Rec 32'
11' lm 21' sh - Core #4 3064-3124 29' lm, 31' sh
- 4-15 3156 TD Nam OIA logs, 5 1/2 SET @ 3156
- 4-16 3156 TD WOC
- 4-17 WOC
- 4-18 MORT. Prep to log & perf.
- #

- 4-19 Testing pups 3072-75' (B-5) PRODUCT. Perf'd 3072-75. Swab dn, tested dry. Acidized w/500 gals. Swab dn, rec. 78 BL. 10 BL to rec w/no show of gas. SWION.
- 4/20 WOC of 7AM 4/19 10# SICP, Swab to SW no show
Sq. Perf 3072-75 (B-5)
- 4/21 & 4/22 WOC
- 4/23 Prep to perf. B-3 (B-4 thin - con lined out)
- 4/24 Testing Pups 3047-3050 (B-3) Test dry, Acidized w/500 gals, rec. 80 1/2 BL, 5 1/2 BL to rec. No Show, July 7/10 BPH
- 4/25 Testing 3023-3028 (B-2) SET CISP 5038 Perf. 3023-3028 Test dry, acidized w/500 gal 6 PM 4/24 Rec 42 BL, 52 BL to rec.
- 4/26 Prep to Sq. 3023-28 (B-2) 7AM 4/25 0# SICP 9 hr Swab 2.5 BPH, No show
- 4/27 WOC Sq. 3023-28 (B-2)
- 4/28 7AM 20# SICP 4/27, rec lead + 4 BW w/sli Show of gas - Sq. 2999-3003 (B-1)
- 4/29-4/30 WOC
- 5/1 Prep to Perf lower A zone
- 5/2 Perf'd 2972-75' + 2979-81' w/ 3 shots/ft - (Council Grove "A") Swab down, tested dry. Acidized w/750 gals rec. 77 BL w/no show of gas. Lack 5 BL to rec.
- 5/3 Testing. At 7AM on 5-2 SICP 60#. Rec. lead. In 4 hrs rec 2.7 BW w/som show of gas
- 5/4 Prep to perf. @ 7AM on 5-3 SICP 230#, ran sub, rec. no fluid. Last 2 hrs drained 5 gals wtr per hr. w/ som show of gas. Rec 88.3 BL, lack 1.7 BL to rec. Perf'd 2924-61' overall. Remainder of Council Grove A zone. Note total lead reported on 5-1 should have been 90 lbs instead of 82 lbs.
- 5-5 7AM 5/4 SICP 230# SICP, Acid w/2000 gal, Frac 80,000 gal + 60,000# sl, 2924-81 overall
- 5-6 7AM 5/5 SICP-0#, K.O. @ 8:00 AM, @ 3PM 5/5 4,522 mfd out
- 5-7 7AM 5/6 Core 5,152 mfd, w/mudmin run, 2 1/4 set @ 2921
- 5-8 Blow to clear thru Tty, no gas

5/9 Blow to Clean 8 AM 5/8 220# CP w/g. 2
gauge, 1023 mcpd thru 46g., light to medium
mist. 51 @ 10 AM, 1030 AM 224# SITP # CP
6 Hr Test thru Synovium thru Annular, 1950 mcpd,
147# FCP, TP-179#. 4 hrs Recured 3.4 BBLs
of fluid (load?)

5/10 Blow to Clean 3100 mcpd on 5/9 thru Annular,
130# FCP, TP 149#, w/medium mist

5-11 Testing 24 hr gauge 2650 mcpd w/med. mist
thru Annular FCP 115#, TP 157# - Will
Continue Test (Have not been able to gauge water)

5/12 2,600 mcpd on 5/11 w/118# TP & 60# FCP, 18.6
BBLs water in 8 hrs

5/13 Blow to Clean, 2,600 mcpd on 5/12, 32 BBLs
water in 21 hrs, (no pressure synovium)

5/14 Blow to Clean

5/15 SI for Test, 5/14 gauge 1880 mcpd thru Csg.,
41# FCP, 112# TP, 1.3 BBL fluid/hr.

5/16 SI for Test

5/17 " " "

5/18 WD Test Results

FINAL

5/21/73 Results of 4 Hr Test 5/17:
68 hr SITP/ACP 228#, Slugs .893,
18 hr 1 St. 2917 mcpd thru Csg.,
TP 119# FCP-99#, CUTOFF 4011 mcpd,
Int. Del 1385 mcpd. (Prod approx.
6/10 BBL/HR during 18 Hr 1 St. Test.)