

Neitzel #2-28  
C SW/4 Sect. 28-4S-39W  
Cheyenne County, Kansas

Completion Report

4/5/78 Moved in and rigged up pulling unit. Mixed 100 bbls mud. Filled casing and perf.: 1216-18' w/4 shots per foot. Established circ. and cemented w/75 sx thixotropic cement. Plug down 11:35 a.m., 4/5/78.

4/6/78 Moved rig out.

4/7/78 Waiting on rig to drill out.

4/26/78 Move in rig to drill out.

4/27/78 To move in from Zwegardt.

4/28/78 Rig up completion tools, start to drill out today.  
Rig broke down - waiting on repairs.

4/29/78 Rig repaired - start drilling out today.  
Perfs at 1216-18'. Drilled cement 1200-1220'. Ran bit to 1320' and cleaned up hole. Press. to 500#, bled to 250# - pump slow, press. to 250#. Squeezed w/200 sx Class A cement. Inj. rate 1½ BPM at 800#. Squeeze held 1000# - reversed out cement in tubing - reset packer. Will drill out Monday.

5/2/78 Drilled out cement and pressured up perfs to 1000#, squeeze held. To run scraper and swab hole down today.  
Cement drilled out 1166' to 1218' and tested to 1000#. Swabbed down, perf: 1275-78', 1268-71', 1253-56' & 1246-49' w/4 shots per foot. Fair blow after perf - dumped 100 gal. acetic acid.

5/3/78 Frac w/180 bbls KCL Wtr, 225 sx sand, 200,000 SCF N<sub>2</sub>  
Breakdown Press. - 790#  
½# sand - 750#  
1# sand - 800#  
1½# sand - 825#  
Flush - 850#  
ISIP(1:15 p.m.) - 625#  
5 min. - 550#  
10 min. - 525#  
15 min. - 500#  
60 min. - 420#

5/4/78 9:30 a.m. Cp 42#, ½" - 296 MCFD, blowing heavy spray.  
5:00 p.m. Shut in to pressure up.

5/5/78 10:00 a.m. Open 8/64" ck, Cp 245#, 76.3 MCFD.

5/6/78 9:00 a.m. Open 8/64" ck, Cp 235#, 76.3 MCFD.  
Shut well in, roads very muddy.  
Calculated open flow from one point stabilized flow rate using slope of 0.85 - 617 MCFD. Stabilized flow rate - 76.3 MCFD.

5/8/78 Shut in.

5/9/78 Shut in.

5/10/78 Shut in.

5/11/78 Shut in.

5/12/78 Shut in.

5/13/78 Shut in.

5/15/78 Shut in.

5/16/78 Shut in.

5/17/78 Shut in.

5/18/78 Shut in.

5/18/78 Shut in.

5/20/78 Shut in.

5/22/78 Shut in.

5/23/78 Shut in.

5/24/78 Shut in.

5/25/78 Ran wireline to check for sand fillup. Found sand at 1327'. Bottom perf. at 1278'.

5/26/78 Shut in.

5/27/78 Shut in.

5/29/78 Shut in.

5/30/78 Shut in.

5/31/78 Shut in.

6/01/78 Shut in.

6/02/78 Shut in.

6/03/78 Shut in.

6/05 - 6/10/78 Shut in.

6/12 - 6/16/78 Shut in.

6/17 - 6/23/78 Shut in.

6/24 - 6/30/78 Shut in.

7/01 - 7/06/78 Shut in.

7/07/78 Cp 330#.

7/8 - 7/20 Shut in.

7/21/78 Cp 330#.

7/22 - 7/31/78 Shut in.  
8/01 - 8/03/78 Shut in.  
8/04/78 Shut in, Cp 335#.  
8/5 - 8/24/78 Shut in.  
8/25/78 Shut in, Cp 335#.  
8/26 - 9/8/78 Shut in.  
9/9/78 Shut in, Cp 335#.  
9/10 - 9/21/78 Shut in.  
9/22/78 Shut in, Cp 335#.  
10/3/78 Shut in, Cp 225#.  
10/20/78 Shut in, Cp 240#.  
10/21 - 12/31/78 Shut in.  
1/1 - 5/10/79 Shut in.  
5/11/79 Seperator set and hooked up. Waiting on pipeline connection.