

Shield #1-33
C NW/4 Sect. 33-4S-39W
Cheyenne County, Kansas

Completion Report

3/30/78 Swabbed well down. Perf: 1316-22', 1308-12' and 1296-98' w/4 shots per foot. No blow.

4/22/78 141' of Fluid in hole - muddy water.

4/27/78 SIP 10#.

4/29/78 Swab down and dumped 100 gal. acetic acid.

5/2/78 Prepare to frac today.
Strong blow prior to frac. Frac w/180 bbls KCl water, 225 sx sand, 200,000 SCF N₂.
Breakdown Press. - 950#
½# sand - 800#
1# sand - 900#
1½# sand - 925#
Flush - 950#
ISIP - 775#
5 min. - 675#
10 min. - 640#
15 min. - 620#
30 min. - 580#
120 min. - 425#

5/3/78 7:00 p.m. after 2 hr open on 1" choke, flow back frac.
8:30 a.m. 13½ hr slugging frac water, Cp 5-10#.
4:50 p.m. Slugging frac fluid, Cp 0-5#.

5/4/78 7:00 p.m. After 2 hr, open on 1" choke, flow back frac.
8:30 a.m. 13½ hrs, slugging frac fluid, Cp 5-10#.
9:30 a.m. Slugging frac fluid, Cp 0-7#, 25 MCFD.
5:00 p.m. Shut in to pressure up.

5/5/78 Shut in.

5/6/78 Shut in.

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.

5/19/78 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 1396'. Bottom perf. at 1322'.

5/26/78 Shut in.

5/27/78 Shut in.

5/29 - 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 250#.

7/8 - 7/20 Shut in.

7/21/78 Cp 245#.

7/22 - 7/31/78 Shut in.

8/01 - 8/03/78 Shut in.

8/04/78 Shut in, Cp 250#.

8/05 - 8/24/78 Shut in.

8/25/78 Shut in, Cp 250#.

8/26 - 9/8/78 Shut in.

9/9/78 Shut in Cp 250#.

9/10 - 9/21/78 Shut in.

9/22/78 Shut in, Cp 250#.

10/3/78 Shut in, Cp 250#.

10/20/78 Shut in, Cp 250#.
11/10/78 Open 14 hrs, Cp 5#, 9.45 MCFD. Start swabbing 4½" csg. 800' to fluid.
1st pull - 100'. 2nd pull - 100'. FL - 850'.
2:00 p.m. 1/4" plate, 17.1 MCFD rate.
11/11/78 9:30 a.m. Surging on 1/4" plate, 8.95 MCFD - 18 MCFD rate.