

ILUS INDUSTRIES, INC.
OIL & GAS EXPLORATION
EXECUTIVE BUILDING SUITE 108
4121 WEST 83RD STREET
PRAIRIE VILLAGE, KANSAS 66208

2224-08
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ALDEN #2 REWORK

SE SE SE
20-15S-8W
Ellsworth County, Kansas

Monday, September, 14, 1980:

- 10:30 a.m. Stevens Well Service double drum on location. Tear down tubing head to pull tubing. Found a hole in tubing at about 1800'. Tubing connections frozen. Twisted 4 joints of tubing coming out of hole. 800' of very gassy oil in well.
- 2:00 p.m. Rigged up Electra to set bridge plug. Setting tool would not go due to welding bead in top collar. File out.
- 3:00 p.m. Set 4½" Baker plug at 2625'.
- 4:00 p.m. Run 8 bbls. of salt water into well. Run sonic cement bond log. Good cement over Topeka zones. Top of cement 1735'.
- 5:00 p.m. Perforate 6' two shots per foot strip jets 2318-24 Lecompton-Oread zones in Topeka.
- 6:00 p.m. Swab well down to TD. Gassy oil into pits.
- 7:00 p.m. Acidized down casing with 500 gal. 28% MCA. Estimated 400 gal. into zone. Balance 100 gal. into rathole. Formation broke at 500#. Treated 4 BPM at 250#. Shut down 5 min. 100#. Shut well in for night.
- 8:00 p.m. Leave location.

Tuesday, September 15, 1980:

- 9:00 a.m. 60# pressure on orbit valve. Blow down into pits. Showing some natural gas. Swab fluid at 250'.
- 10:03 a.m. Well dies. Run swab to bottom.
- 10:18 a.m. Fluid at 1550'. Muddy salt water with gas pockets. Swab down. Well does not appear to be making fluid.
- 1:00 p.m. Run tubing with setting nipple. No anchor. To 2200.26. Electra ran tubing strip to perforate 8 shots 2224-28 Deer Creek Lime. Load hole with salt water

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and set tubing at 2311.14'. Acidized with 3000 gal. of 28% down tubing with 14 ball sealers 1500 gal. acid in. Inject balls treating 4 BPM at 1000#. Balls in went to 1200# 5½ BPM. No break. Shut in at 250#. No visible ball action.

Thursday, September 17, 1980:

8:30 a.m. Flow into pits and unload. Showing 150-250 MCF gas. Let blow wide open until 2:00 p.m. Still making a mist of fluid. Shut well in for 45 min. 400# on anulus. Tie into separator and start flowing gas. 30 min. on anulus pressure down to 300#. Reduce choke. 1 hr. on anulus pressure 260#. Reduce choke. Let flow for night.

Friday, September 18, 1980:

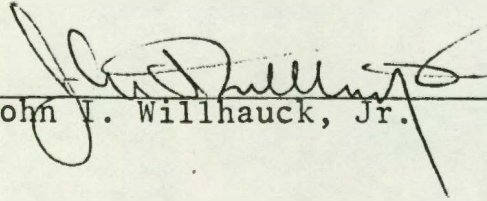
8:30 a.m. Annulus pressure 300#. Well has sold 250 mcf since 3:00 a.m. yesterday

12:00 Noon Annulus pressure 310#. Still increasing.

Saturday, September 19, 1980:

8:30 a.m. Annulus pressure 340#. Indicated sales for 24 hr. 227 MCF. Tubing pressure 160# and still no fluid. Will install soap injector to reduce weight of fluid and help keep well cleaned up.

Future notes: When the Topeka zone has been depleted down, plug should be knocked out in Lansing F and co-mingled with Topeka zone for long-term low pressure production.


John I. Willhauck, Jr.