

Joby Elster

GAS AND OIL EXPLORATION AND DEVELOPMENT
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September 28, 1978

COMPLETION REPORT

ILUS INDUSTRIES, INC.
Alden No. 2
SE SE SE, Sec. 30-15S-8W
Ellsworth County, Kansas

Tuesday, Sept. 19, 1978: Moved cable tools on location - rigged up to drill float and shoe. Had trouble with sand line drill - corrected problem and drilled on rubber wiper.

Wednesday, Sept. 20, 1978: Drilled up rubber wiper and float. Drilling on cement.

Thursday, Sept. 21, 1978: Drilling Cement?

Friday, Sept. 22, 1978: Drilling cement? Checked casing set-up when ran and cemented. Cementer didn't run combination shoe-float as ordered. Ran 33 foot shoe joint with insert float instead. Called out SLM to measure total depth? Had T.D. @ 2653½'. Had 11 feet cement to drill yet. Decided to drill balance of cement with sand line. (More economical from this point then setting up reverse circulation,

Saturday, Sept. 23, 1978: Drilled cement until 1:00 p.m. Went out bottom of shoe - cleaned out formation cuttings and cement - No shows - No results. Called out Electra to shoot open hole from 2666-68'. Shot 4 super jets below shoe. NO results. No shows. Shut down over Sunday.

Monday, Sept. 25, 1978: Had very slight show of gas on casing. Ran sand pump. Recovered formation and jet debris. No gas showing. Cleaned out hole. Had about 600' water in hole - swabbed dry in 3 pulls. Called out Electra to run collar locator. Found bottom of shoe joint but couldn't tell shoe on collar locator or see any holes in casing. Had T.D. of 2675' - Casing set at 2668. Ran Gamma-Ray Neutron Log. Had zone from 2655-60. Ran cement bond long. Had good cement from 2662-68. Put 2000' water in hole. Perforated 4 shots 2648-50 and 10 shots @ 2655-60. Set Bakerbridge plug @ 2666'. Ran swab twice. Flowed gas and water. Shut in overnite.

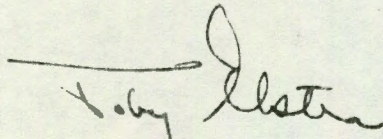
Tuesday, Sept. 26, 1978: Rigged up and ran tubing thru stripper rubber. Had to kill well. Ran 3 foot sub with bull plug, 3 foot perforated nipple, seating nipple and 85 joints of 2" EUE tubing, set at approximately 2661'. Well blew small amount water while starting to run tubing then died down.

Alden No. 2 Completion Cont.

Aug. 26th cont. Ran tubing swab and broke disk. Swabbing water. Swabbed 3 hours, small amount of gas. Pressure in annulus 90-105#. Well making a small amount of gas. Shut in 4 hours. Had 650# on annulus after 4 hours. Open valve and blew gas and water then a watery misty gas. Pressure depleted in annulus - well making about 1 million cubic feet gas with moisture. Shut in overnite.

Wednesday, Sept. 27, 1978: Had 815# on casing. Blew down. Recovered water and moisturized gas. Blew down to 0# on casing. Recovering about 250 MCFG. Prepared to acidize. Acidized with 750 gallons 28% CRA acid and 3 gallons suds. Loaded annulus with 28 bbls. water. Started acid down tubing. Displaced fluid in tubing with acid and spotted over perforations. Started taking acid @ 400# @ 1/4 BPM, treated at 150#, 2 BFPM. On immediate vacuum. Left on bottom 1 hour and made 2 pulls with tubing swab. Well kicked off and unloaded. Blew for about 20 minutes. Heavy spray of water with estimated 3-4 million CFG. Shut in 4 hours and blew again for 10 minutes. Shut in overnite.

Thursday, Sept. 28, 1978: Had 850# on casing. Blew for about 10 minutes. Recovered estimated 3-4 million CFG with spray of water. Tore down cable tools and moved off location. Preparing to hook up.


Toby Elster