

Joby Elster

GAS AND OIL EXPLORATION AND DEVELOPMENT
CONSULTING GEOLOGIST
DOUBLE BUILDING
WICHITA, KANSAS 67202

OFF: 316 - 263-0842
RES: 316 - 685-7668

COMPLETION REPORT

SWD

ILUS INDUSTRIES, INC.
Don Kihn # 1
SW NE SE, Sec. 25-15S-9W
Ellsworth County, Kansas

Well Data:

4½" Casing @ 3066' w/375 sacks.
Shoe Joint: Combination Shoe-Float
Rotary Total Depth: 3140'

Geological Data:

E1: 1644 RB
1639 GL
Dry Sand: 1911'
Lansing : 2670'
Arbuckle: 3060'

Thursday, Aug. 24, 1978:

Moved in Wood's Company double drum unit and set up. Swabbed hole down. Perforated 12 shots/2759-65 and 6 shots 2782-85. No results. Shut down over night.

Friday, Aug. 25, 1978

Ran swab to T.D. (3066) showing gas, had 150' frac water about 1/2 oil. Ran swab again in 30 minutes. Had about 60' fluid (1/3 oil). Ran 2½" tubing with Baker "J" Packer, set @ 2772' in compression. (String was made up of mud anchor, packer, seating nipple and 89 joints tubing). To acidize lower and upper zones with 250 gallons MCA and 2000 gallons HCL 15% acid.

Set packer and started acid down annulus. Packer not holding. Lower packer 2½' feet and pressured up. Packer holding, tried putting acid down tubing. Ran pressure to 1000# for 15-20 minutes, no results. Unseated packer and displaced 10 barrels fluid. Spotted 125 gallons acid over both sets of perfs. Pressure up, started feeding. Zones communicating through perfs. Displaced acid in annulus and tubing, displaced at 1/2 barrel per minute @100#. Swab back - showing gas and oil with treating water. Pulled 40 feet tubing and set packer @ 2732'. Swab down - showing gas and oil with treating water. Swabbed 150' fluid (1 bbl) 1st pull (after 30 min) about 70% oil. Ran swab again and recovered about 60' fluid, about same percentage oil. To acidize with 4000 gallons acid.

Don Kihn # 1 Completion
Page 2

Friday, August 25, 1978 (continued)

Ran 1500 gallons acid, 250# plugging material and 2500 gallons acid down tubing. Fed @ 5 bbls. fluid per minute and pressured to 1100#. Plug on bottom and pressure increased to 1500#, then decreased to 1000#. Upped rate to 6 bbls. fluid per minute and pressure went to 1100#. Overflushed with 2 bbls. water. Total load 121 bbls. fluid. Shut in approximately 1 hour. Open valve and flowing water back slowly. Pulled swab 3 times and well kicked off. Blew gas, acid gas and slight show oil. Died off and amking slight amount of natural gas. Recovered approximately 30 bbls. treating fluid. Shut in over nite.

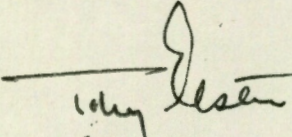
Saturday, Aug. 26, 1978

Small amount of pressure on tubing. Fluid at approximately 1500', swab down - gas and acid water. Recovered approximately 25 bbls. fluid and started showing oil. Hooked up to swab tank. Swabbed well down and recovered 2' 2.75" fluid in tank. Swabbing down recovered 21 bbls. fluid.

Swabbed for 2¼ hours. Recovered 9 bbls. fluid.
Total recovery swabbing into test tank 30 bbls. fluid.
Drained water off and had 9 bbls. oil. Shut down for Sunday.

Monday, August 28, 1978

Had 1230' fluid in hole. Swab down and recovered 9.2 bbls. fluid. Swab 3½ hours (30 min. pulls). Recovered 17 bbls. fluid or 4.9 bbls. fluid/hr; avg. 3 bbls. fluid last hour. Drained water from tank. Recovered 3.07 barrels oil or about 15% oil. Not a commercial well. Shut down.


Toby Elster

OFF: 316 - 243-0542
RES: 316 - 688-7668

COMPLETION REPORT

ILUS INDUSTRIES, INC.
Don Kihn # 1
SW NE SE, Sec. 25-15S-9W
Ellsworth County, Kansas

(Gas zone and S/W Disposal Well Completion)

Well Data:

4½" Casing @ 3066' w/375 sacks.
Shoe Joint: Combination Shoe-Float
Rotary Total Depth: 3140'

Geological Data:

E1: 1644 RB
1639 GL
Dry Sand: 1911'
Lansing : 2670'
Arbuckle: 3060'

Monday, October 2, 1978

Wood's Well Service moved in and rigged up. Pulled 2½" EUE tubing and baker packer. Swabbed down. Had approximately 300' oil in hole and 1200 water. Ran swab down to 2000'. Fluid kicking back to 2000'. Made another pull and unloaded gas with trace oil. Swab down to T.D. Recovered slight show gas some oil and water (approximately same as before). Recovered 100' fluid next pull.

Ran spear on swab to pick up wiper rubber. Made three trips with no results. Picked up sand line drill. Drilled for about 3 hours. Recovered cement, mud, and perforation debris. Cleaned up hole. Recovered some wiper rubber. Shut down overnite.

Tuesday, October 3, 1978

Drilled out wiper plug and metal (float). Drill hanging up in bottom of hole. Shut down and ran electric correlation and collar log. Had T.D. @ 3052'. To drill with cable tool drill tomorrow to clean out tight spot (bottom of shoe). Shut in overnite.

Wednesday, October 4, 1978

Knocked out tight spot with drill. Drilled about 1 hour. Ran bailer. No recovery. Ran sand line drill. Recovered metal and cement colored water. Lost flapper valve from drill. Ran drill with a broken flapper. Recovered more metal and cement. Lost other flapper. Went after another sand line drill bit. Drilled with cable tool drill. Not much results. Changed to sand line drill at about 3:00 p.m. Drilling cement. Shut down overnite.

Thursday, October 5, 1978

Drilling cement. Drilling easier, recovering big chunks and rotten cement with drilling mud. Drilling good but still firm. Made about

20 feet. Called out Electra to check base of casing and T.D. Had base of shoe @ 3054' and T.D. @ 3074'. Shut down overnite.

Friday, October 6, 1978

Drilled rotten cement and drilling mud for 2 hours. Drill feel through. Recovered some rotary cuttings. Ran Electra and had T.D. @ 3135'. String up and perforated 10 shots @ 1911-16'. Set Otis Perman-Trive Production Packer with Tubing) at approximately 1962'. Fluid at approximately 900 feet. Swab down and checked packer. Packer holding. To acidize with 500 gallons 7½% HFL Acid with clay stablizer (Howco). Left well open overnite.

Saturday, October 7, 1978

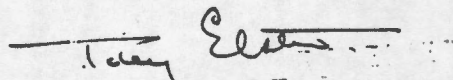
Well making small amount of gas. Ran swab - Had no fillup. Hooked up to acidize. Acidized with 500 gallons HFL Acid down casing. Loaded hole and pressured to 1000#. Broke to 850# and declining. Increased injection rate to 4 BAPM @ 600# and completed with 2 bbls. over flush @ 500#. Instant shut down pressure 100#, 50# in 10 minutes. Waited 30 minutes and swab down to T.D. Showing small amount of gas. Swabbing every 30 minutes. Recovery decreasing amount of acid water (total 12 bbls acid water to recover). Recovered about 3-4 bbls. water with slight increase in gas. Shut in overnite.

Sunday, October 8, 1978

Had 600# on casing. Blew down in 1 minute. Built up to 40# in 45 minutes.

Monday, October 9, 1978

Had 55' water in hole; 20' fluid in 30 minutes, 15' fluid next 30 minutes; 6' fluid after 1 hour (recovered 1.6 bbls. acid water). Gas increasing slightly. To put on production. Ran tubing and locked into packer. To connect to gas line to produce gas from annulus and dispose of salt water down tubing.


Toby Elster

WELL COMPLETION SKETCHES SUN-5036-4-A 1650' FSL 990' FEL

SW NE SE

WELL Don Kihn #1 SWD FIELD Sec 25 15s 9W DATE 3-28-95

PRESENT COMPLETION

ELLSWORTH Co, KS
SUGGESTED COMPLETION

Docket # 19486

PERMANENT WELL BORE DATA

DATA ON THIS COMPLETION

DEC 1978

ELEV 1644 KB
1639 GL

TOC 1050' (EST)

2³/₈ TBG @ 1853'
w/ ARROW PICK @
1823'

CARD COMM - 12-6-99
states we need to
lower tubing to 2700'
or thereabouts

LKC

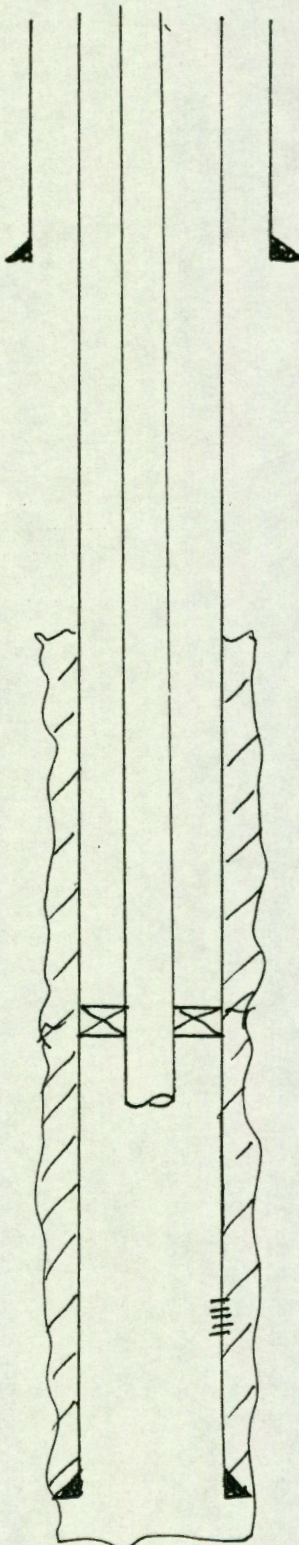
2660-84' need approx 850'
tubing

ARBUCKLE

OH: 3066-3185'

4¹/₂ @ 3066' w/
375 SX

TD 3185'



WELL COMPLETION SKETCHES JN-5036-4-A

WELL DON KIHN #1 SWD FIELD _____ DATE _____

PRESENT COMPLETION SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

DATA ON THIS COMPLETION

