

October 22, 1975

REGENERATION OF OIL AND GAS WELL SITES IN THE EAGLE PLAINS

The following is a written and pictorial account of a Land Use trip conducted in the Eagle Plains by Dr. Roy Strang, Ted Boodle and myself on September 10, 1975. On this trip five well sites were inspected.

Three Chevron sites were visited. These sites had been reseeded in 1972 with a mixture of grasses foreign to the Eagle Plains.

The following is the grass seed mixture used by Chevron in the Eagle Plains area:

Oats-60 lbs. to one acre
Mixture of bromegrass, crested wheat grass,
reed-canary grass, creeping red fescue and
timothy-25 lbs. per acre
Fertilizer-nitrogen and phosphorous
34-0-0 and 11-48-0 (300-500 lbs. per acre)

Two Mobil sites that had not been reseeded were also visited.

First the Chevron sites:

Well Site #1

Chevron SOBC WM W Parkin YTC-33

Location 66°12'04"
137°21'56"

Drilling completed January 15, 1972



Photo # 1 W Parkin YTC-33

September 10, 1975



Photo #2 W Parkin YTC-33 September 10, 1975

The natural grasses on this site are quite prevalent. The brown (dead) stems lying in the foreground of Photo #2 are the remnants of the introduced grasses. A few of the living introduced grasses can be seen in the photo. They are the tall, dark green stems scattered throughout. See arrow on the photo. Timothy and oats seem to have composed the majority of the reseeded species. The dead reseeded grasses have acted as a pioneer stabilizer and now serve as mulch for the more prolific natural grasses. Bluejoint is the most common natural grass.



Photo #3 W Parkin YTC-33 September 10, 1975

Photo #3 indicates the ponding in the lower corner of the sump at W Parkin Ytc-33.-



Photo #4 W Parkin YTC-33 September 10,1975

Photo #4 shows the upper edge of the sump at W Parkin YTC-33. The sump has slumped in the neighbourhood of four feet.



Photo #5 YTC-33 September 10,1975

This picture shows the sump draining. It is believed that the drainage is that from the surrounding area and not the slump fluids.

SED
•
75

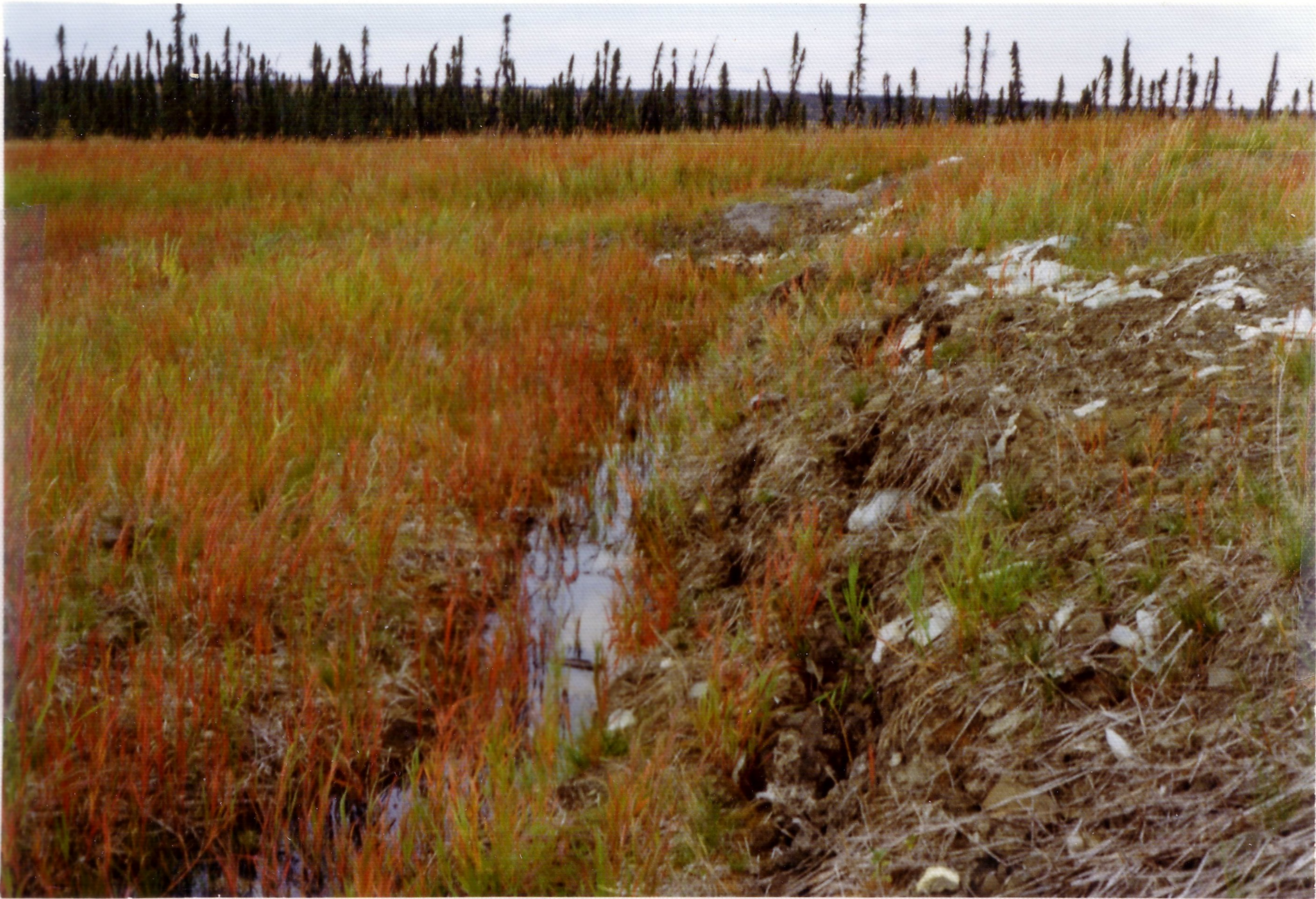




SFP - 75

SEP • 75





SEP - 75

