

720/11 SSRIP 1971

CONQUEST NO. 501

NW4-23-30-10-W3

OBSERVATION WELL

ELK POINT DRILLING LTD.

EDMONTON, ALTA.

NORTH BATTLEFORD, SASK.

DRILLERS: PETER MAIK

JOHN SOLONINKO

COMPLETION RECORD

See SSRIP Conquest No. 52 FOR ELECTRIC LOG & STRATIGRAPHIC SETTING
Well Completed Nov 17, 1971

WATER LEVEL MEASUREMENTS ARE REFERENCED TO TOP OF 7" CASING
1878.65 SURFACE

Well developed by backwashing and balling, initially with 1/4" and later using a hand tapper.

RECORDER HOUSING INSTALLED & OILED NOV 17, 1971

RECORDER INSTALLED BY E.J. JAWORSKI, NOV. 18/71.

ALIGNMENT OK TO BOTTOM OF WELL USING 5" Ø FLOAT.

Casing joint @ 15.25'

WL 1790 @ 3002 Nov. 18/71 E.U.

Sand is fine grained, silty stained, fair sorting, susceptible to submergence, interbedded with finer material. Some sand somewhat rounded.

GELOGY AND COMPLETION BY CURTIS REYNOLDS, NOV. 26, 1971

7" OD insert joint casing
6.8" ID, 20 lb/ft.

Casing grouted by tremie method using 4% barite cement slurry, pumped into annulus through a string pipe to 15 ft.

13" Ø hole drilled to 22 ft. System flushed and changed over to clear water.

Drilled to 26 ft with clear water, not circulated. Casing and screen assembly centered in hole.

7 lbs 20/40 fine sand placed around screen. Circulation maintained through jetties set in bottom of screen and sand placed in counter-current flow.

Top soil is 2 shs barite and 1 sh barite, mixed dry and placed in annulus top felt @ 15 ft.

Top of sand felt @ 19.1 ft.

6" Ø half-coupling, welded to base of casing.

6" Ø Pipe size, stainless steel well screen, nominal length 4 ft., 0.015" slot, MF threaded end connections
6.8" OD 6.0" ID

6" Ø blind iron bottom plug
Total Depth 33.06