

HISTORY OF OIL OR GAS WELL
(Submit in duplicate)

In compliance with rules and regulations adopted pursuant to ORS 520.095 (Chapter 667 OL 1953)

Operator American Quasar Petroleum Co. Field Wildcat

Well No. Crown Zellerbach #14-21, Sec. 14, T. 5N, R. 5W W. B. & M.

Date 2/25/80

Signed *John F. Sindelar*
John F. Sindelar
Title Division Dir. Supt.
~~(President, Secretary or Agent)~~

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

Date

(See attached chronological report from 2/15 to 2/23/80.)

CROWN ZELLERBACH

#14-21

(5,000' Eocene-WC)

Columbia Co., Oreg.

Mist Prosp.

2/15/80 FIRST REPORT: Staked loc. in NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 14-5N-5W. Elev: 768' GL. Drlg. contractor: Brinkerhoff-Signal - Rig #61. Set 20' of 12.5" conductor w/4 yds. ready-mix. Now prep to MIRT.

CROWN ZELLERBACH

#14-21

(5,000' Eocene-WC)

Columbia Co., Oreg.

Mist Prosp.

2/16-2/18/80 RURT. Should spud today.

CROWN ZELLERBACH

#14-21

(5000' Eocene-WC)

Columbia Co., Oreg.

Mist Prosp.

2/19/80 Day #1 - Circ., WO cementers @ 521'. Drl'd. 494' in 11 hrs. MW 9.0; visc 54. Ran bit #1 (9-7/8" Smith DTJ - s/n AN4613) @ 27'. Bit has drld. 494' in 11 hrs. Spudded @ 12:00 noon on 2/18/80. Now WO Halliburton to cmt. surf. csg.

CROWN ZELLERBACH

#14-21

(5,000' Eocene-WC)

Columbia Co., Oreg.

Mist Prosp.

2/20/80 2 days - TD 521'. NU BOPE. MW 9.0; visc 55. Fin. circ. POH. Ran 14 jts 7" 23# K55 STC, total of 520.51', set @ 515.88'. Cemented w/250 sx Class "G" w/2% CaCl. Cmt. circ. FD @ 11:30 AM 2/19/80. Now WOC & NU BOPE.

CROWN ZELLERBACH

#14-21

(5,000' Eocene-WC)

Columbia Co., Oreg.

Mist Prosp.

2/21/80 3 days - Drlg. @ 1630'. Drl'd. 1109' in 18 hrs. MW 9.7; visc 40; WL 10.0; pH 11.0. Fin. NU BOPE; tested to 1500 psi. Ran bit #2 (6-1/8" Smith DTJ - s/n AN2945) @ 521'. Bit has drld. 1109' in 18 hrs. Drlg. wt 5,000#; RPM 90.

CROWN ZELLERBACH

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(5,000' Eocene-WC)

Columbia Co., Oreg.

Mist Prosp.

2/22/80 4 days - TD 1832'. Drl'd. 202' in 5 $\frac{1}{2}$ hrs. Prep to P&A. MW 9.6; visc 55; WL 8.0; pH 11.5. Survey: $\frac{1}{4}$ " @ 1832'. Pulled bit #2 @ 1832'. Bit drld. 1311' in 23 $\frac{1}{2}$ hrs. Dull grade 8-8-1/8". RU Schl. Ran DI-FSL, BHC-Sonic, CNFD, Dipmeter & veloc. survey - 1830-517'. LD DC's. TIH. Now prep to P&A.

CROWN ZELLERBACH

#14-21

(5,000' Eocene-WC)

Columbia Co., Oreg.

Mist Prosp.

2/23/80 5 days - TD 1832'. RDRT. Ran 50-sk Class "G" plug 1146-875' & 50-sk Class "G" plug 595-320'. POH. ND BOPE. TIH. Tagged plug @ 355'. Fin. LD DI. Set 10-sk Class "G" plug @ surf. Cleaned pits. Released rig @ 6:00 AM 2/23/80. Now RDRT. (DROP FROM REPORT.)