

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 Field
Well No. Crown Zellerbach 30-33 , Sec. 30 , T. 6N R. 4W W.B. & M.Signed *John F. Works*
Date October 28, 1980 Title John F. Works
Division Drilling Engineer
(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 10/21/80 to 10/28/80

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NOV 8 - 1980

PTLD-1069

CROWN ZELLERBACH 30-33
(3000' Clark/Wilson-WC)
Columbia Co., Oregon
Mist Prosp.

10/21/80 FIRST REPORT: Staked location in NW 1/4 Sec. 30-6N-4W. Elev. 535.4' GL: 832.4' GR: 842.9' KB. Drlg. Contractor, Paul Graham Rig #1. Set 20' of 12" Conductor pipe w/4 yards Ready-Mix. Should spud today.

CROWN ZELLERBACH 30-33
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10/22/80. Will spud today.

CROWN ZELLERBACH 30-33
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Mist Prosp.

10/23/80. 1 day. Circ. at 526'. Drld. 496' of sh in 10 1/2 hrs. MW 8.9; vis 45; pH 10.5. Spudded at 7:30 pm 10/22/80. Ran bit #1 (9 7/8" Smith DTJ, s/n BE8932) in at 50'. Bit drld 496' in 10 1/2 hrs.

CROWN ZELLERBACH 30-33
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10/24/80 2 days. TD 526'. Testing BOPE. MW 8.9; vis 45; pH 10.5. RU and ran 14 jts 7" 20# K55 STC-531.37'. Set at 525.37'. Float at 485.90'. Cemented w/225 sx Class G w/2% CaCl2, circ. 2 bbls cmt. PD at 11:00 am 10/23/80.

WOC 12 hrs. NU BOPE, now preparing to test BOPE.

Est. cost: IDC \$35,385 (\$330-mud)
TDC \$ 200CROWN ZELLERBACH 30-33
(3000' Clark/Wilson-WC)
Columbia Co., Oregon
Mist Prosp.10/25/80 3 days. Drld^{at} 1620'. Drld 1094' sd and sh in 19 3/4 hrs. MW 9; vis 41; WL 5.5; pH 10.5. Survey - 1 3/4° 1580'. Finished testing BOPE. Ran Bit #2 (6 1/2" Reed Y12J, s/n 639686) in at 526'.

Bit has drld 1094' in 19 3/4 hrs. Top of 1st C&W sand 1060'. Drlg. wt 10M#, RPM 90.

10/26/80 4 days. TD 2350'. Drld 730' sd and sh in 12 1/2 hrs. Logging w/ Schlumberger. MW 9.2; vis 41; WL 6, pH 10.5.

Pulled Bit #2 at 1691, bit drld 1165' in 21 3/4 hrs. Dull grade: 4-6-I. Ran bit #3 (6 1/2" Reed Y12J, s/n 918301) in at 1691', out at 2350'. Bit drld 659' in 10 1/2 hrs. Dull grade: 6-6-I. Top of 2nd C&W sand 1743'. Now logging w/Schlumberger. Ran dual induction w SP and sonic from 2340-526. Dipmeter from 2340-526'. Now RD Schlumberger.

10/27/80 5 days. PBD 400'. WOC and orders. MW 9.2; vis 41; WL 6, pH 10.5. RD Schlumberger, TIH opened ended to 1843', spotted cmt plugs as follows: Plug #1- 1843-1643 37 sx of Class G 2% CaCl2. Plug #2, 1150-950', 37 sx Class G 2% CaCl2. Plug #3, 700-400', 62 sx Class G 2% CaCl2. Now WOC and orders.

CROWN ZELLERBACH 30-33 10/28/80 6 days. RD RT. Fin. WOO. Spot.
(3000' Clark/Wilson-WC) 25 sx Class G plug from 515-390'. POH, LD-
Columbia Co., Oregon DP. NDBOP, set 10 sx surface plug, released
Mist Prosp. rig at 6:00 pm 10/27/80. Drpd. from report.