

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 Petr. Co. Field Wildcat
Well No. Henschel 17-34, Sec. 17, T. 10S R. 3W W.B. G.M.Signed John F. Works
Date Dec. 19, 1980 Title 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.

See Attached chronological report from 12/2/80 to 12/17/80

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/2/80 FIRST REPORT. Staked location 990' FSL 1320' FEL Sec. 17, T10S, R3W, Linn Co., Oregon. Set 20' of 12" conductor w/4 yds Ready-mix. Now prep. to move in drilling rig, Graham #1.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/3/80 Prep to move in Drilling rig.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/4/80. Moving in Graham Rig #1

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/5/80. 1 day. Drlg gravel at 50'. Drid 20' in 3 hrs. MW 8.9; vis 47; WL 20; pH 10. Ran bit #1 (9-7/8" Smith DTJ, s/n VE 8500) in at 30', bit has drld 20' in 3 hrs. Spudded well at 11:00 pm 12/4/80.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/6/80 2 days. WOC. Set 7" csg at 515'. Drid 465' in 13 hrs. MW 9; vis 80; WL 22; pH 10. Ran bit #1 (9-7/8" Smith DTJ, s/n VE 8500) in at 30', out at 515'. Bit has drld 485' in 16 hrs. Dull grade: 8-6-0. Drid to 515', circ & cond hole, ran csg as follows:
14 jts 7" 20# K55 STC csg - 521.01' set at 515' KB
Float collar 475.40'
Cmt w/225 sx Class G, 2% calcium chloride. PD at 510' on 12/6/80.
Cmt circ, now WOC.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/7/80 3 days. Drid at 515'. Drid 103' in 1 1/2 hrs. MW 9; vis 44; WL 5.5; pH 10.5. Fin WOC, NE BOP. Pressure test to 800 psi, drld cmt & FS. POH, ran bit #2 (6 1/2" Reed Y13J, s/n 918310) in at 515'. Bit has drld 103' in 1 1/2 hrs. Drid wt 12M#; RPM 100.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/8/80 4 days. Drid sd & clay at 1660'. Drid 1042' in 19-3/4 hrs. MW 10; vis 58; WL 5.8; pH 10. Survey: 1" at 1420'. Bit #2 at 1420'. Bit #3 at 1639'. Drid bit #2 at 1420'. Bit #3 drld 917' in 17 1/2 hrs. Dull grade: 8-6-1/8. Ran Bit #3 (6 1/2" Reed Y13J, s/n 918310) in at 1432'. Bit has drld 228' in 3-3/4 hrs. Drid wt 10M#; RPM 90.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/9/80 5 days. Drid sltst & volcanic mud. Drid 803' in 19 1/2 hrs. MW 9; vis 42; WL 5.8; pH 10. Survey: 1-2-4" at 2165'. Bit #3 was old at 2196'. Drid 704' in 13-3/4 hrs. Dull grade: 8-8-1. Ran Bit #4 (6 1/2" Reed Y13J, s/n 919090) in at 2196'. Bit has drld 25' in 9 hrs. Drid wt 10M#; RPM 90.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/10/80 6 days. TD 2856'. Circ & cond mud. Drid 435' in 1-3/4 hrs. MW 10.6; vis 40; WL 6; pH 10. Survey: 2" at 2780'. Drid to 2566', old bit #4 at 2566'. Bit has drld 370' in 13 hrs. Dull grade: 8-6-0. Ran bit #5 (6 1/2" Reed Y13J, s/n 641693) in at 2566'. Bit has drld 290' in 10-3/4 hrs. Drid wt 10M#; RPM 90. Drid to 2852', received 35 unit gas increase w/wtr flow. Drid to 2856', had 150 bbl gain, SI well, raised MW to 10.5, killed wtr flow. Now circ & cond mud.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/11/80 7 days. TD 2856'. Circ & cond mud. MW 10.3; vis 42; WL 5, pH 10. Raise MW to kill wtr flow, stuck DP, continue raising MW to 11.3 ppg. Spid 1500 gal Baisel & 55 gal Baird EZ-spot. SI & wkd DP. DP came free. now circ & cond mud on choke & raising to 11.3 ppg

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/12/80 8 days. TD 2856'. WO mud materials. MW 12.4, vis 45; WL 10; pH 11. Circ & cond mud, raised MW to 11.3; lost circ, mxd LCM pill, regained circ. Raised MW to 11.8 ppg. SI well for 20 min w/zere psi on DP & egg. began circ hole w/wtr cut returns. Treated mud w/aeustic, raised MW to 12.4 ppg. TIH to bit, circ & cond. made 20 stand short trip, begin circ & cond mud, lost circ. Mxd LCM, regained circ. Circ & cond w/12.4 ppg mud. SI well w/small wtr flow, now bldg. volume & WO mud material.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/13/80 9 days. TD 2856'. Circ & cond mud, attempting to balance system, prep to log.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/14/80 10 days. TD 2856'. Circ & mixing mud, prep to log. Balanced mud at 13.1 ppg. spotted 38 bbls of 17 ppg mud across sand section. Wtr flow ceased, RD Schlumberger & ran Dual Laterolog w/SP & Sonic, Density & Dipmeter, also velocity surveys. Logged from 2856'-515'. RD Schlumberger, now TIH open ended, breaking circ intermittently, prep to plug.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/15/80 11 days. Mixing mud, LCM, building volume. TD 2856'. MW 12.4; vis 45; WL 5; pH 11. Staged into hole, circ out 17# mud, losing circ at 12.8; flowing 12.4 ppg. now attempting to balance system. Will drop Barite plug this morning.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/16/80 12 days. TD 2856'. WOC at 2665'. Spotted Barite plug 120 sx from 2656-2856'. POH to 2256', circ 4 hrs, TIH, tagged plug, solid at 2670'. Wtr flow was dead. Spot 75 sx Class G plug from 2665-2856'. POH, now circ at 1665', will tag plug in 12 hrs. w/Ore State man present. Now WOC.

HENSCHEL 17-34 (5000' Lorraine-WC) Linn Co., Oregon Albany I Prosp. 12/17/80 13 days. RD, plugged well as follows: 120 sx Barite plug 2856-2670'; 75 sx Class G 2665-2265'; 75 sx Class G 2155-1715'; 85 sx Class G 743-343'; tagged plug after set-up at 321'; 10 sx surface. Cleaned pits, released rig at 6:00 am 12/17/80. Now RD, prep to move to Wilna, Inc., et al 5-23. DROPPED FROM REPORT.