WELL SUMMARY REPORT
(Submit in duplicate)

Operator: American Quasar Petroleum Co.
Field: Wildcat
Well No.: Crown Zellerbach #15-14 Sec. 15 T. 6N., R. 4W., W. B. & M.
Location: SW\(\frac{1}{4}\) SW\(\frac{1}{4}\)
Elevation above sea level: 1351.6 feet

All depth measurements taken from top of Kelly Bushing, which is 12 feet above ground.

In compliance with the rules and regulations pursuant to ORS 520 (Chapter 667 OL 1953) the information given herewith is complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date: October 12, 1979
Signed: [Signature]
Engineer or Geologist: [Name]
Superintendent: [Name]
Title: Division Drilling Supt.
(Principal, Secretary or Agent)

Commenced drilling: October 12, 1979
Completed drilling: October 20, 1979
Drilling tools: Rotary

Total depth: 3219' Plugged depth: GL

GEOLOGICAL MARKERS

<table>
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<tr>
<th>Depth</th>
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<tbody>
<tr>
<td>C&amp;W Sand</td>
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<tr>
<td>1st Volcanics</td>
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<tr>
<td>Siltstone</td>
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<tr>
<td>2nd Volcanics</td>
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Flowing/gas lift/pumping
(cross out unnecessary words)

Clean oil bbl per day
Gravity Clean oil
Percent water including emulsion
Gas Mcf per day
Tubing Pressure
Casing Pressure

Initial production
Production after 30 days

CASING RECORD (Present Hole)

<table>
<thead>
<tr>
<th>Size of casing (A.P.L.)</th>
<th>Depth of shoe</th>
<th>Top of casing</th>
<th>Weight of casing</th>
<th>New or second hand</th>
<th>Seamless or Lapweld</th>
<th>Grade of casing</th>
<th>Size of hole drilled</th>
<th>No. of sacks of cement</th>
<th>Depth of cementing if through perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>515' GL</td>
<td>20# New</td>
<td>Smless K55</td>
<td>9-7/8&quot;</td>
<td>275</td>
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PERFORATIONS

<table>
<thead>
<tr>
<th>Size of casing</th>
<th>From</th>
<th>To</th>
<th>Size of perforations</th>
<th>Number of rows</th>
<th>Distance between centers</th>
<th>Method of perforations</th>
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</table>
CROWN ZELLERBACH 10/11/79 FIRST REPORT: Staked loc. in SW1/4 SW1/4 (5000' Eocene-WC) of Sec. 16-6N-4W. Elevation: 1351.6' GR.
Mist Prosp. Now RURT.

CROWN ZELLERBACH 10/12/79 RURT. Will spud this AM.
Ran 20' of 12¼" conductor; cmt. w/6 yds ready-mix.

CROWN ZELLERBACH 10/13/79 Day #1 - TD 350'. Drld. 319' in 6½ hrs.
#15-14 (5000' Eocene-WC) Repairing rig. MW 8.9; visc 60. Surveys: 1° @ 175'
Columbia Co., Oreg. & 300'. Ran bit #1 (9-7/8" Smith DT - SN AE6826)
Mist Prosp. @ 31'. Bit has drld. 319' in 11 hrs. Spudded @ 2:30 PM
on 10/12/79. Lost circ. @ 240' & 350'. Mixed LCM to
7#/bbl. Now repairing rig.

CROWN ZELLERBACH 10/14/79 2 days - TD 515'. Drld. 163' in 4 hrs.
#15-14 (cont) NU BOPE. MW 9.0; visc 60. Survey: 1° @ 515'.
Columbia Co., Oreg. Full bit #1 @ 515'. Bit drld. 484' in 15 hrs.
Dull grade 4-4-1. Drld. to 465'. Lost circ. Mixed
LCM pill. Drld. to 515'. POH. RU & ran 13 jts 7" 20# K-55 STC, total of
536.44', set @ 515'. Cmt. w/175 sx Class "G" w/2% CaCl2. Cmt.
circ. PD 5:30 PM 10/13/79. WOC 12 hrs. Broke out landing jt. Now NU BOPE.
10/15 3 days - TD 515'. Drlg. plug. MW 8.7;
visc 50. Fin. NU BOPE. Pressure-tested pipe & blind rams & manifold to
1500 psi, Hydril to 1000. Ran 1" pipe on backside of csg. Tagged cmt. @ 140'.
Cemented thru 1" pipe w/100 sx Class "G" w/4% CaCl2. TIH w/bit #2 (6¼" Smith
DTJ - SN AJ6401) @ 515'. Tagged cmt. @ 434'. Drld. 8' of cmt. Now drlg.
plug @ 432'. Drlg. wt 12,000#; RPM 75.

CROWN ZELLERBACH 10/16/79 4 days - TD 515'. Rmg. out btm jt of surf
#15-14 pipe @ 500'. MW 9.0; visc 50; WL 12.0; pH 11.0.
(5000' Eocene-WC) Fin. drlg. plug & cmt to 478'. POH. PU Acme 6¼" tapered
Columbia Co., Oreg. mill. TIH. Now rmg out 7" csg. @ 500'. Rmg wt 4000#; RPM 45.
Mist Prosp.

CROWN ZELLERBACH 10/17/79 5 days - Drlg. @ 1260'. Drld. 745'.
#15-14
(5000' Eocene-WC)
Columbia Co., Oreg.
Mist Prosp.

CROWN ZELLERBACH #15-14 10/18/79 6 days - Drlg. @ 1952'. Drld. 692'.
(5000' Eocene-WC)
Columbia Co., Oreg.
Mist Prosp.
CROWN ZELLERBACH 10/19/79 7 days - Drlg. @ 2625'. Drld. 673'.

#15-14
(5000' Eocene-WC)
Columbia Co., Oreg.
Mist Prosp.

CROWN ZELLERBACH 10/20/79 8 days - Drlg. @ 3215'. Drld. 590' in 17½ hrs.

#15-14 Survey: 2¼° @ 2795'.
(5000' Eocene-WC)
10/21 9 days - TD 3219'. Drld. 4' in ½ hr.
Columbia Co., Oreg.
Logging w/Schlumberger.
Mist Prosp.

10/22 10 days - TD 3219'. LD DP & plugging.
Fin. running logs. Set 20-sk Class "G" plug 1890-1990'

& 20-sk Class "G" plug 450-550'. Now LD DP.

CROWN ZELLERBACH 10/23/79 11 days - TD 3219'. RDRT.

#15-14 Fin. LD DP. Set 10-sk surf. plug. Rig released 12:00
(5000' Eocene-WC) midnight 10/22/79. Now RDRT. (DROP FROM REPORT.)
Columbia Co., Oreg.
Mist Prosp.