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JAN 20 1980

WELL SUMMARY REPORT  
(Submit in duplicate)

DEPT OF GEOLOGY  
& MINERAL INDUS

Operator American Quasar Petroleum Co. Field Wildcat  
Well No. Crown Zellerbach #15-14 Sec. 15, T 6N, R 4W, W. B. & M.  
Location SW¼ SW¼ 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 a 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 John F. Sindelar  
John F. Sindelar  
Division Drilling Supt.  
(President, Secretary or Agent)

Engineer or Geologist Superintendent

Commenced drilling October 12, 1979 Completed drilling October 20, 1979 Drilling tools Cable - Rotary

Total depth	Plugged depth	GEOLOGICAL MARKERS		DEPTH
<u>3219'</u>	<u>GL</u>	<u>C&amp;W Sand</u>		<u>1940</u>
<u>None</u>		<u>1st Volcanics</u>		<u>2970</u>
		<u>Siltstone</u>		<u>3020</u>
		<u>2nd Volcanics</u>		<u>3210</u>

Commenced producing --- Date --- Flowing/gas lift/pumping (cross out unnecessary words)

Initial production  
Production after 30 days

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

CASING RECORD (Present Hole)

Size of casing (A.P.L.)	Depth of shoe	Top of casing	Weight of casing	New or second hand	Seamless or Lapweld	Grade of casing	Size of hole drilled	No. of sacks of cement	Depth of cementing if through perforations
<u>7"</u>	<u>515'</u>	<u>GL</u>	<u>20#</u>	<u>New</u>	<u>Smless</u>	<u>K55</u>	<u>9-7/8"</u>	<u>275</u>	

PERFORATIONS

Size of casing	From	To	Size of perforations	Number of rows	Distance between centers	Method of perforations
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				

CROWN

ZELLERBACH 15-14 10/11/79 FIRST REPORT: Staked loc. in SW¼ SW¼  
(5000' Eocene-WC) of Sec. 15-6N-4W. Elevation: 1351.6' GR.  
Columbia Co., Oreg. Drlg. contractor: Brinkerhoff-Signal - Rig #61.  
Mist Prosp. Now RURT.

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CROWN ZELLERBACH 10/12/79 RURT. Will spud this AM.  
#15-14 Ran 20' of 12¼" conductor; cmt. w/6 yds ready-mix.  
(5000' Eocene-WC)  
Columbia Co., Oreg.  
Mist Prosp.

CROWN ZELLERBACH 10/13/79 Day #1 - TD 350'. Drld. 319' in 6½ hrs.  
#15-14 Repairing rig. MW 8.9; visc 60. Surveys: 1° @ 175'  
(5000' Eocene-WC) & 300'. Ran bit #1 (9-7/8" Smith DT - SN AE6826)  
Columbia Co., Oreg. @ 31'. Bit has drld. 319' in 11 hrs. Spudded @ 2:30 PM  
Mist Prosp. 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. 165' in 4 hrs.  
#15-14 (cont) NU BOPE. MW 9.0; visc 60. Survey: 1° @ 515'.  
Columbia Co., Oreg. Fulled bit #1 @ 515'. Bit drld. 484' in 15 hrs.  
Dull grade 4-4-I. 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% CaCl. 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% CaCl. 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'. Rmgwt 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.

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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.

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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.