

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building, Portland 1, Oregon

WELL SUMMARY REPORT
(Submit in duplicate)

Operator American Quasar Petroleum Company Field Wildcat
Well No. Wilna Inc. et al 5-23 Sec. 5, T 6N, R 4W, Columbia County W. B. & M.
Location 1964'FWL & 1941'FSL (NE $\frac{1}{4}$ SW $\frac{1}{4}$) Elevation above sea level 1500.0 feet
All depth measurements taken from top of Kelly Bushing, which is 10.5 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 January 19, 1981 Signed John F. Works
Title Division Drilling Engineer
(President, Secretary or Agent)

Engineer or Geologist Superintendent

Commenced drilling	<u>2:00 PM</u>	Completed drilling	<u>1/9/81</u>	Drilling tools	Cable Rotary
Total depth	<u>4503</u>	Plugged depth	<u>surface</u>	GEOLOGICAL MARKERS	
Junk					DEPTH
				<u>Cowlitz</u>	<u>760'</u>
				<u>Crown Sd</u>	<u>1465'</u>
				<u>C & W Sd</u>	<u>1940'</u>
				<u>Basalt</u>	<u>2700'</u>

Commenced producing Dry Hole Date _____ 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)

Size of casing (A.P.L.)	Depth of shoe	Top of casing	Weight of casing	New or sec- ond hand	Seamless or Lapweld	Grade of casing	Size of hole drilled	No. of sacks of cement	Depth of cement- ing if through perforations
<u>12"</u>	<u>30'</u>	<u>Surf.</u>	<u>-</u>	<u>Conductor</u>	<u>(Cmt'd to surface w/</u>	<u>Ready-Mix</u>			
<u>7"</u>	<u>515'</u>	<u>Surf.</u>	<u>20#</u>	<u>New</u>	<u>Seamless</u>	<u>K55</u>	<u>9-7/8"</u>	<u>225 -</u>	<u>Cmt'd to surf.</u>
<u>4 1/2"</u>	<u>1848'</u>	<u>Surf.</u>	<u>10.5#</u>	<u>New</u>	<u>Seamless</u>	<u>K55</u>	<u>6 1/2"</u>	<u>175</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.				

Electrical Log Depths DLL/SP, Sonic, Dipmeter: 4503'-514' (Attach Copy of Log)
Density: 3900'-515'