

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 Co. Field Wildcat  
Well No. Larkins #23-33 Sec. 23, T. 6N, R. 5W, W. B. & M.  
Location NW¼ SE¼ Elevation above sea level 697 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 September 2, 1980 Signed *John F. Sindelar*  
Title John F. Sindelar  
Division Dirg. Supt.  
(President, Secretary or Agent)  
Engineer or Geologist Superintendent

Commenced drilling August 27, 1980 Completed drilling August 31, 1980 Drilling tools  Sole Rotary

Total depth	Plugged depth	GEOLOGICAL MARKERS		DEPTH
<u>2940'</u>	<u>Surface</u>	<u>Keasey</u>		<u>Surface</u>
<u>None</u>		<u>Cowlitz</u>		<u>710</u>
		<u>1st C&amp;W sd</u>		<u>1088</u>
		<u>2nd C&amp;W sd</u>		<u>1780</u>
		<u>Volcanic ash</u>		<u>2115</u>
		<u>Basalt</u>		<u>2865</u>

Commenced producing --- 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 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>518'</u>	<u>GL</u>	<u>20#</u>	<u>New</u>	<u>Smls</u>	<u>J55</u>	<u>9-7/8"</u>	<u>225</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.				

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Date September 2, 1980 Signed [Signature]  
 Title John F. Sindelar  
Division Drlg. Supt.  
(President, Secretary or Agent)  
 Engineer or Geologist Superintendent

Commenced drilling August 27, 1980 Completed drilling August 31, 1980 Drilling tools  Rotary  
 Total depth 2940' Plugged depth Surface GEOLOGICAL MARKERS DEPTH  
 Junk None Keasey Surface  
 Cowlitz 710  
 1st C&W sd 1088  
 2nd C&W sd 1780  
 Volcanic ash 2115  
 Basalt 2865

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

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