

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

WELL SUMMARY REPORT
(Submit in duplicate)

RECEIVED-PTLD

SEP 21 1980

Operator American Quasar Petroleum Co. Field Wildcat
Well No. Rau #18-14 Sec. 18, T 6N, R 4W, W. B. & M.
Location SW $\frac{1}{4}$ SW $\frac{1}{4}$ Elevation above sea level 583 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 Sept. 8, 1980 Signed John F. Sindelar
Engineer or Geologist _____ Title Division Drlg. Supt.
Superintendent _____ ---(President, Secretary or Agent)---

Commenced drilling Sept. 2, 1980 Completed drilling Sept. 7, 1980 Drilling tools Cable Rotary

| Total depth | Plugged depth | GEOLOGICAL MARKERS | | DEPTH |
|------------------------|---------------|--------------------|-------|---------|
| <u>2434'</u> | <u>510'</u> | Keasey | | Surface |
| <u>Junk R.D. 2440'</u> | | Cowlitz | | 695' |
| | | 1st C&W sd | | 1255' |
| | | 2nd C&W sd | | 1685' |

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

SCANNED

| 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 |
|------------------------|---------------|---------------|------------------|--------------------|---------------------|-----------------|----------------------|------------------------|--|
| 7" | 515' | GL | 20# | New | Smls | K55 | 9-7/8" | 225 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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. | | | | |