

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

HISTORY OF OIL OR GAS WELL
(Submit in duplicate)

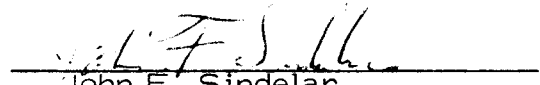
In compliance with rules and regulations adopted pursuant to ORS 520.095 (Chapter 667 OL 1953)

Operator American Quasar Petroleum Co. Field Wildcat

Well No. Rau #18-14 (re-drill) , Sec. 18 , T. 6N R. 4W W. B. & M.

Date September 16, 1980

Signed



Title

John F. Sindelar
Div. Drig. Supt.
(President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form in reporting the history of all important operations at the well, together with the dates thereof, prior to the first production. Include in your report such information as size of hole drilled to cementing or landing depth of casings, number of sacks of cement used in the plugging, number of sacks or number of feet of cement drilled out of casing, depth at which cement plugs started, and depth at which hard cement encountered. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

Date

(See attached chronological report from 9/3-16/80.)



RAU #18-14
(3000' Eocene-WC)
Columbia Co., Oreg.
Mist Prosp.

(9/3/80) FIRST REPORT: Staked loc. in SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 18-6N-4W. Elev: 583' CR. Drlg. contractor: Paul Graham Drlg. - Rig #1. Set. 20' of 12" conductor. Cmt. w/5' yds. ready-mix. MI & RURT.
Day #1 - Drlg. in sh. @ 445'. Drld. 415' in 9 hrs. MW 8.9; visc 40; WL 10.5; pH 10.5. Ran bit #1 (3-7/8" Smith DTU - s/n AN4-13) @ 30'. Bit has drld. 415' in 9 hrs. Lost 40 bbl mud @ 370'. Now drlg. w/full ret's. Spudded @ 9:00 P.M. on 9/3/80. Drlg. wt 8000#; RPM 90.

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(9/4/80) 2 days - TD 515'. Drld. 70' in 1 hr. NU BOFE. MW 8.9; visc 40; WL 10.5; pH 10.5. Survey: 2° @ 515'. Pulled bit #1 @ 515'. Bit drld. 485' in 10 hrs. Dull grade 6-4-1. Circ. & cond. hole. RU & ran 14 jts 7" 20# K55 STC, float & shoe - total of 519.40' - set @ 515' KB; float @ 475'. Cmt. w/225 sx Class "G" w/2% CaCl. Circ. FD @ 1:15 P.M. on 9/6/80. WOC. Now NU BOFE.

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(9/5/80) 3 days - Drlg. @ 1407'

SCANNED

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(9/6/80) 4 days - Drlg. @ 2327'. Drld. 320' in 19 hrs. Survey: 11° @ 2208'.
9/7 5 days - TD 2434'. Drld. 107' in 2 1/2 hrs. WCC plugs. Ran DIL-SFL, CNFD, FHC & Dipmeter 2434-515'. RD Schlumberger. Now WCC.
3/8 6 days - PBT 510'. WCC.

RAU 18-14 (Re-Drill)
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(9/6/80) 7 days - Dyna-drilling @ 785'.

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(9/10/80) 8 days - Drlg. @ 1302'. Drld. 517' in 14-3/4 hrs.

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(9/11/80) 9 days-TD 1530'. Prep. to PB to 1000'. Surveys: 21°N.80°E. at 1323'; 19°S. 70°E. at 1367'; 13°N.82°E. at 1438'. Could not gain angle or direction required to hit target. Now prep. to PB.

RAU #18-14 (Re-Drill)
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(9/12/80) 10 days-TD 986'. WOC. Prep. to dress plug.

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9/13/80 11 days - Drlg. @ 1293'. Drld. 295' in 8½ hrs.
9/14 12 days - Drlg. @ 2111'. Drld. 818' in 18½ hrs.
9/15 13 days - TD 2440'. Drld. 329'. Logging.

RAU 18-14 (Re-Drill)
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Mist Prosp.

9/16/80 14 days - TD 2440'. RDRT.
MW 9.7; visc 40; WL 5.8; pH 10.5. Fin. logging.
Set Class "G" plugs as follows:
37 sx - 1800-1598'
37 sx - 1350-1148'
60 sx - 713- 409'
Will set 10-sk plug @ surf.

RECEIVED-PLC
SEP 21 1980

Released rig @ 2:00 AM 9/16/80. Now RDRT.
(DROP FROM REPORT.)

