HISTORY OF OIL OR GAS WELL

In compliance with rules and regulations adopted pursuant to ORS 530.095 (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

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 testing depth of casing, number of socks of cement used in the plugging, number of socks 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 bailin.

See attached chronological report from 9/3/16/80.

RAU #18-11
(3000’ Eocene-WC)
Columbia Co., Ore.
Mist Prosp.

09/10/80 FIRST REPORT: Staked loc. in SW 1/4 SE 1/4.
Paul Graham Driller, Rig #1, Set. 20, 8th of 12’ conductor.
Cmnt. w/5 yds. ready-mix. MI & RTR.
Day 1 - Drilg. in sh 445’. Drl. 415’ in 9 hrs.
MW 8.9, viss 40; WL 10.5; pH 10.5.
Run bit #1 (7-2/F Smith Dth) - 51/4 AN-5133.
30’. Hit has drilg. 415’ in 9 hrs. Lost 40 bbl mud 130’. New drilg. w/full rets.
Spudded 9:00 AM on 9/9/80. Drlg. wt 8000#; RPM 90.

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09/6/80 2 days - TD 515’. Drlgd. 70’ in 1 hr.
NU BOEFE. MW 8.9, viss 40; WL 10.5; pH 10.5.
Survey 24° @ 515’. Pulled bit #1 @ 515’. Bit drilg. 465’ in 10 hrs. Dull grade 6-4-1. Circ. & cond. hole.
RU & run 14 jts 7° 20’ K55 STC, flot & shoe - total of 519.40’ = set @ 515’ wb.
20 bbls @ 475’. Cmnt. w/225 sq class 5’ g/w 30% CaCl2.
Circ. FD @ 1:15 PM on 9/6/80. WOC. Now NU BOEFE.

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09/7/80 4 days - Drilg. @ 327’. Drlgd. 320’ in 19 hrs. Survey 11’ @ 2200’.
9/7 5 days - TD 2434’, Drlgd. 107’ in 22 hrs.
9/6 6 days - FBRD 515’. WOC.

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09/3/80 7 days - Dyna-drillin @ 785’.

RAU #16-14 (Re-Drill)
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09/10/80 2 days - Drill @ 1302’. Drlgd. 517’ in 14-3/4 hrs.

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09/11/80 9 days-TD 1530’. Prep.to PB to 1000’. Survey 21’ N.80’E at 1231’. 19°N.
70°E. at 1367’. 13°N.82°E. at 1438’. Could not gain angle or direction required to hit target. Now prep. to PB.

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09/12/80 10 days-TD 986’. WOC. Prep.to dress plug.

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09/13/80 11 days - Drilg. @ 1209’. Drlgd. 299’ in 8 hrs.
12 days - Drilg. @ 2111’. Drlgd. 618’ in 18 hrs.
13 days - TD 2440’. Drlgd. 329’. Logging.

09/16/80 14 days - TD 2440’, RDT.
MW 9.7, viss 40; WL 5.8; pH 10.5. Fin. logging.
Set Class "G" plugs as follows:
37 sq - 1800-1595’
37 sq - 1500-1148’
60 sq - 713-409’
Will set 10-sk plug & surf.
Released rig @ 9:00 AM 9/16/80. Now RDT.
(DROP FROM REPORT.)

RECEIVED-PPLD
SEP 1980