

HISTORY OF OIL OR GAS WELL
(Submit in duplicate)

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SEP 2 1980

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

Operator American Quasar Petroleum Co. Field Wildcat

Investment Management #34-21

Well No. , Sec. 34 , T. 6N R. 4W

DEPT OF GEOLOGY
& MINERAL INDUSTRIES

W. B. & M.

Signed John F. Sindelar

Title Division Drlg. Supt.

(President, Secretary or Agent)

Date August 27, 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 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.

(See attached chronological report from 8/19-27/80.)

INVESTMT.MGMT.34-21 8/19/80 FIRST REPORT: Standard loc. in NE 1/4 NW 1/4
(3000' Eocene-WC) of Sec. 34-6N-4W. Elev: 572' GL. Drlg. contractor:
Columbia Co., Oreg. Faul Graham Drlg. - Rig #1. Set. 20' of 12"
Mist Prosp. conductor & cmt. w/3/4 yds. ready-mix. Now MIRT.
May spud today.

INVESTMT.MGMT.34-21 8/20/80 RLRT. Will spud today.

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(3000' Eocene-WC)
Columbia Co., Oreg.
Mist Frospp.DEPT OF GEOLOGY
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INVESTMT.MGMT.34-21 8/21/80 Day #1 - Drlg. in sh, sitstn & volcanics
(3000' Eocene-WC) @ 320'. Drld. 290' in 7 hrs. MW 8.9; visc 50; WL 26.0;
Columbia Co., Oreg. pH 10.0. Surveys: 0° @ 112'; 1/2° @ 230'. Ran bit #1
Mist Frospp. (9-7/8" Smith DTJ - s/n ?) @ 30'. Bit has drld. 290'
in 7 hrs. Drlg. wt 6000#; RPM 90. Spudded @ 11:00
PM 8/20/80.

INVESTMENT MGMT 34-21 8/22/80 2 days-TD 490. WOC. Drld. 170'
(3000' Eocene-WC) silt & sh in 1 1/2 hrs. MW 8.9; vis 50;
Columbia Co., Oreg. WL 10; pH 10. Survey: 1/2° at 490. RU & ran
Mist Prosp. 13 jts. 7" 20# K-55 STC csg.-492.77', set
at 487.77' KB. cmtd. w/225 sx class G.
PD at 1:15 pm. 8/21/80. Now WOC. Bit #1 has drld. 460' in 8 1/2 hrs.

INVESTMT.MGMT.34-21 8/23/80 3 days - Drlg. in sh & clay @ 1533'. Drld.
(3000' Eocene-WC) 1093' in 13 1/2 hrs. Survey: 1° @ 1521'. Fin. pulling
Columbia Co., Oreg. bit #1 @ 490'. Dull grade 4-4-1. Fin. WOC. Tested
Mist Frospp. BOFE to 200 psi. Ran bit #2 (6 1/4" Smith DTJ - s/n
AT2315) @ 490'. Tagged plug @ 409'. Drld. cmt & shoe.
Bit #2 has drld. 1093' in 13 1/2 hrs. Had sd 1100-1175'--n.s. Drlg.wt 5000#; RPM 90.

INVESTMT.MGMT.34-21 8/24/80 4 days - Drlg. in silt & clay @ 3006'.
(cont.) Drld. 1423' in 19-3/4 hrs. Surveys: 1 1/2° @ 2017';
Columbia Co., Oreg. 2° @ 2512'. Fulled bit #2 @ 2294'. Bit drld.
Mist Frospp. 1804' in 21-3/4 hrs. Dull grade 4-2-1. Ran bit #3
(6 1/4" Smith DTJ - s/n AS7350). Bit has drld. 712' in 11 1/2 hrs. BGG: 3 units.
Drlg. wt 8000#; RPM 90.

8/25 5 days - Drlg. in ss @ 3927'. Drld. 921'
in 19 1/2 hrs. MW 9.8; visc 46; WL 6.0; pH 9.5. Surveys: 4° @ 3004'; 1 1/2° @ 3502'.
Pulled bit #3 @ 3612'. Bit drld. 1318' in 26 hrs. Dull grade 3-4-1. Ran bit #4
(6 1/4" Smith DTJ - s/n AT2326). Bit has drld. 315' in 5 hrs. Had ss 3220-3400'
w/5-unit BGG increase; went back into sd @ 3490'--n.s. Drlg. wt 8000#; RPM 90.

INVESTMT.MGMT.34-21 8/26/80 6 days - TD 4080'. Drld. 153' of sd & sh
(3000' Eocene-WC) in 2 hrs. Logging. MW 9.7; visc 43; WL 5.8; pH 10.2.
Columbia Co., Oreg. Survey: 1 1/2° @ 4080'. Pulled bit #4 @ 4080' for logs.
Mist Prosp. Bit drld. 468' in 7 hrs. Dull grade 2-2-1.
Ran DIL, SFC & BHC-Sonic 4069-476'. Hit tite spots
while running Sonic. RD Schlumberger. TIH. Circ. & cond. POH. Ran
CNFD & Dipmeter. Now running Veloc. Surveys.

INVESTMT.MGMT.34-21 8/27/80 7 days - TD 4080'; PBTD surface. RDRT.
(3000' Eocene-WC) MW 9.7; visc 43; WL 5.8; pH 10.2. Fin. running Veloc.
Columbia Co., Oreg. Surveys. RD Schlumberger. LD DC's & heavy wt DF.
Mist Prosp. TIH open-ended. Set Class "G" plugs as follows:

37 sx - 3323-3123'
40 sx - 1724-1524'
40 sx - 590- 390' (base of surf)
WOC 4 hrs; tagged plug @ 391'
10 sx - top of surf

ND BOFE. Released rig 4:00 AM 8/27/80. Now RDRT.
Moving rig to Larkins #23-33. (DROP FROM REPORT.)