

FEB 15 1980

LOG AND CORE RECORD OF OIL OR GAS WELL
(Submit in duplicate)DEPT OF GEOLOGY
& MINERAL INDUSTRIES

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

Operator American Quasar Petroleum Co. Field WildcatWell No. Wall #24-13, Sec. 24, T. 6N, R. 5W, W. B. & M.

FORMATIONS PENETRATED BY WELL

Depth to		Thickness	Drilled or Cored	Recovery	Description
Top of Formation	Bottom of Formation				
Surf	940	940	Drilled		Tertiary
940	1200	260	"		1st Clark & Wilson
1756	2438	682	"		2nd Clark & Wilson
2438	2650	212	"		Volcanics
1650	2810	160	"		Basalt

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WALL #24-13
(5,000' Eocene-WC)
Columbia Co., Oreg.
Mist Prosp.

1/15/80 FIRST REPORT: Staked loc. in NW 1/4 SW 1/4 of Sec. 24-6N-5W. Elev: 534.17 GL.
Orig. contractor: Brinkerhoff-Signal - Rig #61.
Now RURT.

WALL #24-13
(5000' Eocene-WC)
Columbia Co., Oreg.
Mist Prosp.

1/16/80 Day #1 - Drlg. in sd & sh @ 212'.
Drl'd. 183' in 8 1/2 hrs. MW 9.0; visc 52.
(Set 20' of 12 1/2" conductor w/5 yds ready-mix.)
Ran bit #RR1A (9-7/8" Smith DTJ - SN AJ7339)
@ 29'. Bit has drld. 183' in 8 1/2 hrs.
Spudded @ 9:00 PM 1/15/80. Drlg. wt 5000#; RPM 140.

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1/17/80 2 days - TD 508'. Drl'd. 296' of sd & sh in 7 hrs. WOC 7" csg. MW 8.9; visc 55. Survey: 1/2" @ 508'. Pulled bit #RR1A @ 509'. Bit drld. 479' in 15 1/2 hrs. Dull grade 2-2-1. Ran 14 jts 7" 20# K-55 STC csg. (530.06' over all), set @ 508' KB. Cemented w/250 sx Class "G" w/2% CaCl. Cmt. circ. PD 8:30 PM 1/16/80. Now WOC prep to NU.

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1/18/80 3 days - Drlg. in sh @ 900'. Drl'd. 392' in 7 1/2 hrs. MW 9.2; visc 47; WL 18.0; pH 10.5.
Ran bit #1 (6 1/2" Smith DTJ - SN AJ5342) @ 508'. Bit has drld. 392' in 7 1/2 hrs. Tested BOP & manifold to 1500 psi; Hydril to 800. Tagged cmt @ 450'. Drl'd shoe @ 508'. Drlg. wt 5,000#; RPM 120.

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1/19/80 4 days - Drlg. @ 2000'. Drl'd. 1100' in 22 1/2 hrs. MW 9.3; visc 43; WL 8.0; pH 11.5.
Surveys: 1-3/4" @ 892'; 2" @ 1425'; 5" @ 1873'.
Bit #1 has drld. 1492' in 30 hrs. Drlg. wt 8000#; RPM 120.

1/20 5 days - Drlg. @ 2590'. Drl'd. 590' in 18 hrs. MW 9.5; visc 54; WL 9.5; pH 11.5. Pulled bit #1 @ 2145'. Bit drld. 1637' in 34 1/2 hrs. Dull grade 8-4-1. Ran bit #2 (6 1/2" Smith DTJ - SN AJ3093). Bit has drld. 445' in 13 1/2 hrs. Drlg. wt 8000#; RPM 90.

1/21 6 days - FOH to log @ 2810'. Drl'd. 220' in 17 1/2 hrs. MW 9.7; visc 50; WL 8.0; pH 11.0. Survey: 6" @ 2736'. Pulled bit #2 @ 2736'. Bit drld. 591' in 24 1/2 hrs. Dull grade 8-8-1/16". Ran bit #RR3 (6 1/2" Smith F2 - SN AJ3092). Bit has drld. 74' in 6 1/2 hrs. Now FOH to run elec. logs.

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1/22/80 7 days - TD 2810'. TIH to circ. & cond. MW 9.9; visc 56; WL 8.0; pH 11.0. FOH. RU Schlumberger. Attempted to log. Log stopped @ 2388'. RD Schl. TIH. Knocked out bridge. Circ. btms up. FOH. Ran Dipmeter, DIL-Sonic, CNFD & Formation Test Tool - 2810-500'. Now prep to TIH, cond. & WOO.

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1/23/80 8 days - TD 2810'; FBTD 1575'.
Fin. WOO. Now WO DST tools.

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1/24/80 9 days - TD 2810'; FBTD 1575'. Prep to run DST #1. MW 9.8; visc 46; WL 8.0; pH 10.0.
WO test tools. Now prep to run DST #1 - 1020-1050'.

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1/25/80 10 days - TD 2810'; PBTD 1575'. ND BOPE. MW 9.8; visc 56; WL 8.0; pH 10.0. TIH w/DST #1 - 1020-1050'. Pkrs would not inflate. FOH; changed pkrs. TIH & ran DST #1 - 1020-1050'. TO 60 min-- w/good blow, declined to wk blow in 15 min; SI 60 min. Pulled to rec 24' drlg. mud + 214' SW. Mud smpl: 3500 ppm chl's; SW: 9000 ppm chl's. IHP 513; IFP 87/131; FSIP 469; FHP 511. Sample cap: 2150 cc's; rec. @ 0 psi, 2150 cc's SW; 9000 ppm chl's. LD test tools. TIH open-ended. Set 50-sk Class "G" plug 1050-775' & 50-sk Class "G" plug 600-325'. TIH. Tagged plug @ 450'. POH. LD DP. Now ND BOPE.

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1/26/80 11 days - RDRT. Released rig 11:00 AM 1/25/80. Moving rig to Longview Fibre #25-32.
DROP FROM REPORT.