

Daily Well History - Interim

Instructions: This form is used during drilling or workover operations. If testing, coring, or perforating, show formation name in describing work performed. Number all drill stem tests sequentially. Attach description of all cores. Work performed by Producing Section will be reported on "Interim" sheets until final completion. Report official or representative test on "Final" form. 1) Submit "Interim" sheets when filled out but not less frequently than every 30 days, or (2) on Wednesday of the week in which oil string is set. Submit weekly for workovers and following setting of oil string until completion.

District WESTERN	County or Parish COLUMBIA	State OR
Field MIST	Lease or Unit LONGVIEW FIBRE	Well no. 32-20-65R

Date and depth as of 8:00 a.m. Complete record for each day while drilling or workover in progress

1533'. C&G mud. Lower MW to 9.3. POOH. RU & Ran 36 jts 7" 23# K-55 LTC csg w/FS @ 1533' & FC @ 1487'. Cond hole w/80% returns. RU Halliburton. M&P 120 sx 50/50 Perlite/premium cmt + 4% gel + 2% CaCl₂ @ 12.1 ppg followed w/100 sx premium cmt + 2% CaCl₂ @ 15.8 ppg. Partial returns; hole stayed full. Bump plug w/1200 psi. Floats held ok. CIP @ 0125 hrs 8/7/88. ND BOP. Set slips. Cut off 7". Install 11" 3X x 7-1/6" 3M tbg head & test same ok. NU BOPE & test same ok. RIH. Drld out FC & cmt. Test shoe jt to 1000 psi ok. Drld FS & 6-1/4" hole to PD w/wiper trip @ 1728'.

7
8-9-88
LONGVIEW FIBRE 32-20-65 R (C.C. OR) Paul Graham #4 AFE #R46842
TD: 2283' (367') - Drilling
MW: 10.2 VIS: 42 (7" @ 1533')

CBU. Survey @ 1916° (3-1/4°). POOH f/BHA. PU stabilizers at 60' and 90', and new bit. RIH to 1000'. CBU. RIH to 1712'. Work stab out of 7", hanging up. RIH to 1916'. Ream 30' to btm. CBU. Drill 6-1/4" hole f/ 1916'-2021'. Wipe hole to 1750' (no fill). Drill f/ 2021'-2147'. CBU. Survey @ 2147' (2-3/4°). Wipe hole to shoe. Drill f/ 2147'-2283'.

8
8-10-88
LONGVIEW FIBRE 32-20-65 R (C.C. OR) Paul Graham #4 AFE #R46842
TD: 2962' (679') - Drilling
MW: 10.3 VIS: 41 (7" @ 1533')

Drill 6-1/4" hole f/ 2283'-2332'. CBU. Wipe hole 2332'-1893'. Drill f/ 2332'-2365'. CBU. Wipe hole 3 stds. Drill 2365'-2586'. CBU. Survey @ 2586'. Wipe hole to 2226'. CBU. Drill 2586'-2690'. CBU. Survey @ 2690' (9°). CBU. Resurvey @ (8 3/4°). Drill f/ 2690'-2752'. CBU. Wipe hole to 2400'. Drill f/ 2752'-2899'. CBU. Wipe hole to 2581'. Drill 2899'-2962'. Top of C&W @ 2780'.

9
8-11-88
LONGVIEW FIBRE 32-20-65 R (C.C. OR) Paul Graham #4 AFE #R46842
TD: 3230' (268') - Open hole logging
MW: 10.9 VIS: 40 (7" @ 1533')

Drill 6-1/4" hole f/ 2962'-2977'. CBU. Survey @ 2979' (5-1/4°). Check f/ flow. POOH f/ new bit. Pull to shoe. Well flowing. RIH to TD. CC mud to 10.7 ppg. POOH. LD stabs and PU new bit w/ monel. RIH. Drill f/ 2977'-3230'. CBU. Survey while POOH - (3230' - 3°N 62.5°W; 2705' - 8-3/4°N 80.5°W; 2142' - 1-1/4° S22°W; 1910' 3-1/4° S9-1/2°W; 1535' 1° S70.5°E). RIH to bottom. CC mud for logs. Chain out of hole. RU Atlas. Ran #1 DIL/BHC/GR/SP/CAL from 3227'.

The above is correct

Signature <i>R. D. Jatta</i>	Date 1/19/89	Title DISTRICT DRILLING ENGINEER
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For form and distribution see Form 10, Section 10, Drilling and 87.

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District WESTERN	County or Parish COLUMBIA	State OR
Field MIST	Lease or Unit LONGVIEW FIBRE	Well no. 32-20-65R

Date and Depth as of 5:00 a.m.	Complete record for each day while drilling or workover in progress
10 8-12-88	<p>LONGVIEW FIBRE 32-20-65 R (C.C. OR) Paul Graham #4 AFE #R46842 TD: 1604' PBTD - POOH f/ Mud Motor MW: 9.8 VIS: 38 (7" @ 1533')</p> <p>Ran FDC/CNL/GR/CAL 3227'-1533'. Ran HRDT 3230'-1533'. RIH to 3230'. CC mud. POOH. Lay balanced plug f/ 1843'-1433' w/ 76 sx "G" + 3% CaCl₂. CIP @ 1930 hrs 8/11/88. POOH. WOC. RIH & tag TOC @ 1563'. CC mud. Polish plug f/1563'-1604'. POOH to PU mud motor.</p>
11,12,13	<p>LONGVIEW FIBRE 32-20-65 R (C.C. OR) Paul Graham #4 AFE #R46842 TD: 3088' (1484') LD DP MW: 10.7 VIS: 40 (7" @ 1533')</p> <p><i>Redrill</i></p> <p>PU mud mtr & 2° BS. Drld & surv to 1865'. POOH & PU locked BHA. RIH to 1621'. Rnd f/ 1621' to 1658'. RIH to 1865'. Drld & surv to 2033'. ST to shoe. Drld to 2126'. Drld & surv to 2328'. PU 30' ang drop assy. Drld & surv to 2797'. WT f/ 2797' to 2447'. Drld & Surv to 2891'. Drld to 3088'. ST to 1533'. Hit bridge @ 2902'. RMD f/ 2902'-2940' & 2964'-3000'. ST to 2468'. POOH. RU Atlas. Ran DIL/SP/CAL/BHC f/ 1533'-3082'. BHC failed. Ran BHC/GR f/ 1533'-3082'. Ran FDC/CNL/GR f/ 1533'-3082'. RIH. C&C mud. Wait on csg. Unloaded & meas. same. LD DP.</p>
13-3/4	<p>LONGVIEW FIBRE 32-20-65 <u>RD #1</u> (C.C. OR) Paul Graham #4 AFE #R46842 TD: 3088' (0') RR @ 0000 hrs 8/16/88</p> <p>LD DP. Run 98 jts of 3-1/2" 9.3# J-55 EUE 8Rd csg. Shoe @ 3088'. Mix and pump 300 sx G + 5% KCL 1% Halad 322 + 0.2% Super CBL @ 16.8 ppg. Full returns. 12.5 bbls cement back to surface. WOC. ND BOPE. Set csg slips. NU production tree. Test seals to 1500 psi. RR @ 0000 hrs 8/16/88.</p>
WORKOVER	
1 9-12-88	<p>LF #32-20-65 (C.C., OR) Otis Swab Unit/Atlas WL Unit - Perf TD: 3088' (3-1/2" @ 3088')</p> <p>MIRU Otis Swab Unit. Swab to 1320'. RD Otis. RU flowline & test equip. RU Atlas WL Unit & Lubricator. Test lubricator to 1000 psi w/N₂. RIH w/2-1/8" Jumbo Jet III gun and perf 2638'-2640' w/4JSPF. POOH RD Atlas. Flow test well through 8/64" choke as follows: 895 psi; rate= 153 MCF/D. FSICP= 940 psi. RD test equipment.</p>

The above is correct

Signature <i>R.D. Clatts</i>	Date <i>11/17/89</i>	Title DISTRICT DRILLING ENGINEER
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For form instructions and distribution see Producing Manual Section 10, Drilling, Part 1 and 87