

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: OREGON
Field: MIST	Lease or Unit: WILDCAT	Well no. 12-19-65

Date and depth as of 8:00 a.m.	Complete record for each day while drilling or workover in progress
4-1/2 9-23-88	<p>COLUMBIA COUNTY #12-19-65 (C.C., OR) Paul Graham #4 R47008 TD: 1,738' (628') Drlg MW: 9.2 ppg VIS: 38 (9-5/8" @ 789')</p> <p>Drill 6-1/4" hole f/ 1,110'-1,538'. CBU. POOH. LD stabs. PU mud motor. TIH. Ream f/ 1,373'-1,410' and 1,499'-1,538'. Drill and survey w/ mud motor f/ 1,538'-1,738'. CBU. POOH f/ new bit. TIH. Ream. CBU. Survey. Surveys: 255' 0°30' S1E; 464' 0°30' S20W; 789' 0°45' S6W; 1038' 1°30' S44W; 1287' 2° S48W; 1540 2°30' S42W; 1616' 4° N80W; 1647' 4°30' N65W; 1678' 5° N57W.</p>
7-1/2 9-26-88	<p>COLUMBIA COUNTY #12-19-65 (C.C., OR) Paul Graham #4 R47008 TD: 3,209' (1,471') CC mud f/csg MW: 9.9 ppg VIS: 43 (9-5/8" @ 789')</p> <p>Drill and survey f/ 1738'-1867'. CBU. TOH f/ new bit. LD mud motor. PU locked BHA. TIH. Ream 30' to btm. Drill & survey f/ 1867'-2144'. CBU. Survey. POOH. PU mud motor and new bit. TIH. Drill & survey f/ 2144'-2330'. POOH. LD mud motor. MU locked assy. TIH. Ream 2265'-2330'. Drill & survey f/ 2330'-2552'. WT to 2169'. Drill and survey f/ 2552'-2803'. WT to 2550'. Drill & survey f/ 2552'-3209'. WT to 789'. Ream 3000'-3200'. CC mud. POOH. RU Atlas. Ran DIL/BHC/SF/GR/CAL f/ 3198'-789'. Ran FDC/CNL/GR/CAL f/ 3198'-789'. TIH. Wash 2 singles to btm. Circ for csg. Top of C&W @ 2786' TVD.</p>
8-1/2 9-27-88	<p>COLUMBIA COUNTY #12-19-65 (C.C., OR) Paul Graham #4 R47008 TD: 3,209' (0') Cementing 3-1/2" MW: 9.9 ppg VIS: 37 (3-1/2" @ 3,181')</p> <p>Circ for csg. POOH. LD DP. RU & ran 3-1/2" 9.3# J-55, 8RD EUE csg. Fast line anchor released. Blocks fell to floor and bent top joint of 3-1/2" csg. RU Howco cementing head. Circ csg while re-stringing line. Break out cementing head. PU 3-1/2" csg. LD top joint. Ran 3 joints of 3-1/2" w/ shoe @ 3181'. MU Howco cementing head. Circ csg for MTC. Mix and pump 700 sx "G" w/ MTC @ 13.3 ppg. Intermittent returns w/ 20 bbls MTC to surface (not sufficient volume to recirculate). Pump tail w/ 193 sx "G" + 1# Halad 322 + 5# KCL + 0.2% Super CBL w/ full returns.</p>

The above is correct

Signature <i>R. D. Vatta</i>	Date <i>1/12/89</i>	Title DISTRICT DRILLING ENGINEER
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For form preparation and distribution see Procedures Manual Section 10. Drilling, Pages 86 and 87.

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District WESTERN	County or Parish COLUMBIA COUNTY	State OR
Field MIST	Lease or Unit WILDCAT	Well no. 12-19-65
Date and depth as of 8:00 a.m.	Complete record for each day while drilling or workover in progress	

9
9-28-88

COLUMBIA COUNTY #12-19-65 (C.C., OR) Paul Graham #4 R47008
TD: 3,209' (0') Released rig @ 1600 hrs 9/27/88
MW: N/A VIS: N/A (3-1/2" @ 3,181')

Displace 3-1/2" csg w/ 27 bbl 5% KCL water. Full returns. Bump plug w/ 1,500 psi. CIP @ 0625 hrs 9/27/88 plug held. RD Howco & MTC. ND BOPE. Install slips and packoff. NU X-Mas tree and test to 1,500 psi. **Release rig @ 1600 hrs 9/27/88.** Prep to move to CER # 23-16-64.

11-18-88

COLUMBIA COUNTY #12-19-65 (C.C., OR) Paul Graham #4 R47008
(3-1/2" @ 3181')

Pull Otis swab unit on location, swab well to 1410'. RD Otis. Pull crane, N₂ and Atlas on location w/ CAT. RU flare and lines. RU 2-1/8" Atlas Jumbo Jet 3 Hollow Carrier gun & lubricator. Test lubricator to 1000 psi w/ N₂. TIH w/ perf gun & CCL. Could not correlate w/ CCL. POOH. MU neutron/CCL. TIH. Run neutron log. POOH. PU perf gun. TIH. Perf f/ 2805'-2815' @ 1620 hrs 11/17/88. Flow well to clean up. Plan to production test 11/18/88.

1
11-21-88

COLUMBIA COUNTY #12-19-65 (C.C., OR) Paul Graham #4 R47008
(3-1/2" @ 3181')

SICP 880 psi. Open well to sump to clean out small amount of H₂O. Shut-in. Pressure built to 950 psi. Flow well w/ 3/4" orifice as follows:

Choke	GP	Merla DP	Rate (MGFPD)	Time
15/64"	855	24	449	11:25 hrs
16/64"	825	29	510	11:43 hrs
16.5/64"	815	35	581	12:08 hrs
14/64"	870	12	288	12:32 hrs

Final SICP 925 psi @ 1248 hrs.

The above is correct

Signature <i>R. D. Watts</i>	Date 11/2/89	Title DISTRICT DRILLING ENGINEER
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