

Daily Well History - Interim

Instructions: This form is used during drilling or workover operations. It testing, coring, or perforating, show formation name in each log 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.

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| District WESTERN | County or Parish COLUMBIA | State OREGON |
| Field MIST | Lease or Unit WILDCAT | Well no. 44-27-65 |

| Date and depth as of 8:00 a.m. | Complete record for each day while drilling or workover in progress |
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| 4-3/4 7-06-88 | <p>COLUMBIA COUNTY #44-27-65 (C.C., OR) Paul Graham #4 AFE #R46818 TD: 2150' (0) Released rig MW: CIP @ 0605 hrs 7-5-88. WOC. Remove cementing head set out table. ND BOPE. Set slips. Make cut on 3-1/2" tubing. Install 11" 3M x 7-1/16" 3M adapter flange. NU XMAS tree. Test seals and pack off to 1500 psi. <u>Release rig @ 1600 hrs 7/5/88.</u> Cement job witnessed by Dan Wermeil, Oregon DOGMI.</p> |
| 1 8-12-88 | <p>COLUMBIA COUNTY #44-27-65 (Columbia County, OR) AFE #R46818 TD: 2148' (0') - Shut-In MW: N/A VIS: N/A</p> <p>RU flare line w/ Merla tester and 3/4" orifice. RU SWS lubricator. Fill tbg w/ 147.5 bbls of H₂O. RIH w/ sinker bars ck fluid level @ 1230'. RU perf guns. RU N₂. Press test lubricator and flare line to 1000 psi. RIH. Perf 4 JHPF f/1713'-1719'. Press stabilized @ 350 psi in 9 minutes. Attempt to POOH. Gun stuck @ 1713'. Flow well and work stuck guns. Unable to free tool. Pull line out of rope socket. RD SWS. Flow well on 4 point test (8/64" - FCP = 375 psi, Merla P = 7 psi, MCFPD = 211; 10/64" - FCP = 370 psi, Merla P = 13.5 psi, MCFPD = 310; 12/64" - FCP = 365 psi, Merla P = 21.5 psi, MCFPD = 418; 15/64" FCP = 350 psi, Merla P = 41.5, MCFPD = 657. Table 2 gas samples. Final shut-in 390 psi.</p> |
| WORKOVER | |
| 1 9-12-88 | <p>COLUMBIA COUNTY #44-27-65 (C.C., OR) Atlas WL Add Perfs TD: 2150' (3-1/2" @ 2148')</p> <p>RU flare line. RU Atlas Lubricator & WL Unit. Test lubricator to 1000 psi w/N₂. RIH w/sinker bars, jars, hamering plate. Tag fish @ 1690'. RIH to 1735' didn't tag anything. POOH LD fishing tools. RIH w/2-1/8" Jumbo Jet III perf guns. Perf 1699'-1703' (4') 4JSPF open well & well died. SI. Press build to 225 psi. Open well & died. RU Atlas to swab. RIH to 990'. Well started unloading. POOH w/ swab. RD Atlas. Flow test well through 12/64" choke - 310 psi rate= 360 MSCF/D. FSICP 363 psi. RD & load out test equipment.</p> |

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| The above is correct | | |
| Signature <i>R. D. Jette</i> | Date <i>11/1/88</i> | Title DISTRICT DRILLING ENGINEER |

For form preparation and distribution see Procedures Manual Section 10, Drilling, Pages 86 and 87

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| Number all daily well history forms consecutively as they are prepared for each well. | Page no. |
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