

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 CLATSOP	State OR
Field MIST	Lease or Unit STERLING	Well no. 12-24-66

Date and depth as of 8:00 a.m.	Complete record for each day while drilling or workover in progress
5-1/4 11-09-88	<p>TD: 1991' (454') Drlg w/ MM MW: 10.0 VIS: 46</p> <p>TIH. Orient MM. Drill and survey f/ 1537' -1709'. CBU. POOH. PU 2° KS. TIH. Orient MM. Drill and survey f/ 1709'-1960'. CBU. POOH. MU new bit and PU 2-1/2° KS. TIH. Orient MM. Drill & survey f/ 1960'-1991'. Surveys: 472' 1°30' N89W, 1021' 4°45' S84W, 1458' 4° S54W, 1520' 4° S49W, 1572' 3°45' S25W, 1604' 3°30' S16W, 1635' 3° S20W, 1696' 1°15' S32E, 1726' 1°45' S80E, 1758' 2°15' N88E, 1789' 2°30', S81E, 1820' 3° S80E, 1852' 4° S80E, 1883' 4° S87E, 1915' 4° N86E</p>
6-1/4 11-10-88	<p>TD: 2456' (465') Rig Repair MW: 10.0 VIS: 45</p> <p>Drill and survey 6-1/4" hole w/ MM f/ 1991'-2023'. CBU. POOH. MU locked BHA. TIH. Wash 7' fill to 2023'. Drill f/ 2023'-2456'. WT 2330'-2000'. Rig on downtime to repair mud pumps. Surveys: 1946' 4°30' N79E, 1978' 5°45' N71E, 2107' 7° N89E, 2295' 6°15' S82E, 2421' 5° S81E</p>
10-1/4 11-14-88	<p>TD: 2219' (2258') Drlg MW: 10.0 VIS: 47</p> <p>Work on Pump #2. Drill 6-1/4" hole f/ 2456'-3144'. WT 2644'-2293', 2862'-2252'. CC mud f/ logs. WT to shoe. POOH. Ran DIL/SP/GR/CAL 3144'-437', FDC/CNL/GR/CAL 3144'-437'. TIH w/ OEDP. Lay balanced plug w/ 60 sx C1 "G" + 3% CaCl₂ 812'-512'. CIP @ 2332 hrs 11/11/88. WOC. TIH. Tag plug @ 634'. Polish plug to 649'. POOH. MU MM. TIH. Orient MM. Re-drill target 150' N00°W @ 2390' TVD. Drill and survey f/ 649'-910' (KOP - 680'). CBU. POOH. MU locked BHA. Drill f/ 910'-1758'. WT @ 1299'-873', 1456'-1199', 1643'-1450'. POOH. PU new bit. TIH. Drill & survey 1768'-2219'. WT 2174'-1750'. Surveys: 472' 1°30' N89W, 604' 1° S86W, 655' 1°15' N80W, 715' 2°15' N20W, 745' 2°30' N18W, 774' 3° N7W, 805' 3° N1W, 835' 3°30' N5E, 865' 4°30' N5E, 960' 6°15' N7W, 1106' 5°45' N6W, 1264' 6° N6W, 1421' 5°30', 1608' 5°30' N4W, 1733' 5° N2E, 1951' 4° N9E, 2139' 3°15' N20E</p>
11-1/4 11-15-88	<p>TD: 2845' (626') Logging MW: 10.2 VIS: 52</p> <p>Drill 6-1/4" hole f/ 2214'-2845'. WT to bit. Reamed f/ 2040'-2080' & 2505'-2545'. POOH. RU Atlas. RIH w/ DIL/BHC/GR/CAL. Tool stopped @ 1090'. POOH. RD Atlas. MU bit. TIH.</p>

The above is correct		
Signature <i>D. Watts</i>	Date <i>3/3/89</i>	Title DISTRICT DRILLING ENGINEER

For form preparation and distribution see Procedure Manual Section 10, Drilling, Pages 11 and 87



Number all daily well history forms consecutively as they are prepared for each well.	Page no. <i>344</i>
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District WESTERN	County or Parish CLATSOP	State OR
Field MIST	Lease or Unit STERLING	Well no. 12-24-66

Date and depth as of 8:00 a.m.	Complete record for each day while drilling or workover in progress
12-1/4 11-16-88	<p>STERLING #12-24-66 RD (Clatsop County, OR) Paul Graham #4 AFE #R47041 TD: 2845' (0') WOC MW: 10.2 VIS: 47</p> <p>TIH to 2845'. CC mud. Chain out of hole. RU Atlas. Ran DIL/BHC/SP/GR/CAL f/ 2845'-437'. Ran FDC/CNL/GR/CAL f/ 2845'-437'. RIH to 2845'. CC mud. POOH. Ran new DIL/SP/GR/CAL f/ 2845'-2100'. Shot 20 SWC, recover 20. TIH w/ OEDP. Lay 150' balanced plug f/ 2504'-2354' w/ 35 sx Cl "G" + 3% CaCl₂ @ 15.8 ppg. CIP 0324 hrs 11/16/88. POOH. WOC. Lay 200' shoe plug f/ 501'-301' w/ 45 sx Cl "G" + 3% CaCl₂. CIP @ 0426 11/16/88. LD DP.</p>
13-1/4 11-17-88	<p>TD: P&A - RR</p> <p>LD DP. RIH. Tag TOC @ 316'. Plug witnessed by DOGMI. TIH w/ OEDP to 63'. Lay surface plug w/ 15 sx Cl "G" + 3% CaCl₂. CIP @ 0915 hrs 11/16/88. ND BOPE. Cut off 7" casing 5' below GL. Weld on plate. <u>Release rig @ 1900 hrs 11-16-88.</u></p>

The above is correct

Signature <i>B. Vatta</i>	Date 3/3/89	Title DISTRICT DRILLING ENGINEER
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For form and distribution see Producing Section 10, Drilling and 87

