

HISTORY OF OIL OR GAS WELL

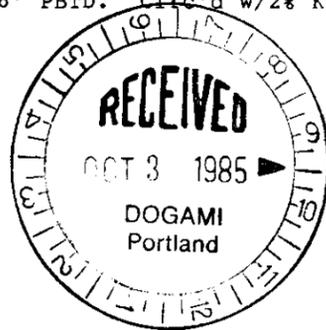
(In compliance with rules and regulations pursuant to ORS 520)

TENNECO OIL COMPANY (Company or operator) COLUMBIA COUNTY (Lease) 41-28 (Well No.)  
 Sec. 28, T. 6N, R. 5W W.B.&M. Surveyed Coordinates: 307.01'N87°38'40"W & 370.28'S 2°21'20"W fr NE Cor., Sec. 28-T6N/R5W, WB&M  
 Wildcat: \_\_\_\_\_ (or) Field Name: Mist County: Columbia  
 Date: 10/2/85 Signature: H.M. Kaul Position: Division Production Manager

Use this form in reporting the daily operations at the well. (Operator may use his own forms, but heading of this form must also be completed and submitted.) Please submit a complete history of the well. Include such information as bit sizes, mud weights, casing sizes and depths set, amount of cement used, drilling depths, fishing, logging, perforating, and plugging procedures, and anything else pertinent to the operation. Do not include lithology.

Date  
 9/18/85 MIRU Taylor Rig #5. Commenced drlg operations @ 1200 hrs, 9/17/85. Spudded 12 1/4" hole @ 1630 hrs, 9/17/85. Drl'd to 302'. Mud wt. 8.8 ppq.  
 9/19 Drl'd to 398'. TOH. Ran 10 jts 8 5/8", 24#, K-55/ST&C csq w/shoe @ 398', float @ 357'. Cmt'd w/285 sx Class "G" w/2% CaCl<sub>2</sub>. Bumped plug; float held. Had 10 cf cmt returns to surface. CIP @ 1525 hrs, 9/18/85. WOC. NU BOP's. Mud wt. 9.1 ppq. Survey @ 368' @ 1/4°.  
 9/20 Tested BOPE to 1300#. RIH w/7 7/8" bit. DO float @ 357', shoe @ 398'. Drl'd to 845'. Mud wt. 9.2 ppq. Survey: 840' @ 0°.  
 9/21 Drl'd to 1620'. Mud wt. 10.2 ppq. Survey: 1181' @ 1/4°.  
 9/22 Drl'd to 2030'. Mud wt. 10.2 ppq. Survey: 1740' @ 1 1/4°.  
 9/23 TOH. RU Welex. Ran DIL, Sonic 398-2030'. RD Welex. Drl'd 2030-2178' TD. TOH. RU Welex. Ran DIL, Sonic logs 2178-2030'. Running GR log. Mud wt. 10.6 ppq.  
 9/24 Ran GR, Dipmeter. Shot SWS, rec'd 15. RD Welex. Ran 55 jts 5 1/2", 15.5#, K-55/LT&C csq w/shoe @ 2178', float @ 2138'. Cmt'd w/407 sx = 472 cf Class "G" w/3% KCl + 1% CFR-3 + 1% CaCl<sub>2</sub> + 0.1% Halad-4. Displ w/51 bbls KCl wtr. Bumped plug, float held. Had trace cmt rtns to surf. CIP @ 0600 hrs, 6/24/85.  
 9/25 Landed 5 1/2" csq. Installed 11" - 3000# x 7 1/6" - 3000# tbq spool. Tested seals to 2000 psi. WOC.  
 9/26 WOC. TIH w/4 3/4" bit with 5 1/2" csq scraper to TOC @ 2136' PBT. Cmt'd w/2% KCl wtr. TOH. Bailed fluid level to 800'. WOC.

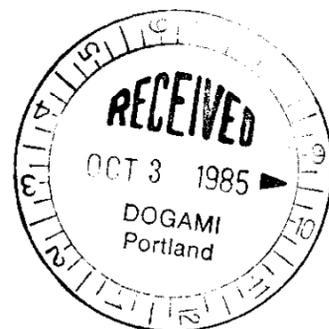
Form 6 (9/84)



HISTORY OF OIL OR GAS WELL  
 COLUMBIA COUNTY 41-28

Page 2  
 O&G: 301

TENNECO OIL COMPANY  
 Date  
 9/27 WOC. RU Schlumberger. Ran CBL/GR/CCL fr 2136-1000'. RD Schlumberger. Ran 58 jts 2-3/8" 4.7#, J-55/EUE tbq w/tbq collar on btm @ 1856'. Installed 3000 psi x-mas tree. RU lubricator. TIH w/Schlumberger, perf'd DIL interval 1991-1973' w/4 Enerjet HPP. While POH, <sup>STUCK</sup> perf gun w/top @ +1830', pulled out of rope socket. Pulled rope line out of hole. Left CCL & perf gun strip & sinker bars in hole. CWI. WO sinker bars.  
 9/28 MU 240# sinker bars. RIH. Spud on stuck perf gun @ 1830' for 1 hr; unable to knock loose. TOH. MU & ran Dialog jet cutter. Shot @ 1830'; did not cut tbq. Shot @ 1829'; shot off tbq OK. Tail piece fell dn hole. TOH w/jet cutter tools. RIH w/sinker bars to 2050' OK. TOH. RU perf guns.  
 9/29 Perf'd w/Schlumberger Enerjet fr 1953-1969' & 1932-1950' w/4 JHPF (DILM). RD Schlumberger. Ran Agnew & Sweet recorders (2 - 2000 psi w/5-day clocks) to 1961' MPP (mid-perf point). RU MCE. Blew well to sump for cleanup for 45 min. Flow tested well.  
 Test Rates:  
 IF: 1415-1445 hrs, 9/28/85: 550 MCF/D, 3 BW, 627 TP on 16/64" choke.  
 ISIP: 1445-1745 hrs: TP built up to 700 psi.  
 1st Flow: 1745-2045 hrs: 1055 MCF/D, 660 TP on 16/64" choke.  
 2nd Flow: 2045 hr, 9/28/85 - 0245 hr, 9/29/85: 633 MCF/D, 710 TP on 12/64" choke.  
 FSIP: 0245 - (48 hr test): TP 745.  
 Released rig @ 2400 hrs, 9/28/85.



Form 6a (9/84)