

STATE OF OREGON

DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

800 NE Oregon St # 28 Portland, OR 97232

HISTORY OF OIL OR GAS WELL

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

(Jefferson Gas LLC) (Charles Clayton Wood) ("Clayton" #1)

(Company or Operator) (Lease) (Well No.)

Sec. NE 1/4⁵⁸ T 10S R 3W Surveyed Coordinates (if directional, BHL & SHL):

Wildcat: (or) Field Name: County:

Signature: *[Handwritten Signature]*

Date: 11/3/98

Position: ENGINEER

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

Well was spudded 9/22/98. A 12 1/4" bit was used to drill to a depth of 510'. Mud weight varied from 8.8 tp 9.3. Ran 14 joints of 9 5/8" 36lb. ft J-55 ST & C casing. Set at 507'. Cemented with 195 sacks type III cement. Allowed to set 24 hours before nipple up and test of BOP equipment. All tests was witnessed by the State of Oregon Department of Geology and Mineral Industries. A 8 1/2" hole was drilled from 9 5/8" casing shoe to 920'. 4" cores was retrieved from 920' to 1356'. Core hole was reamed out with a 8 1/2" tricone bit and logged with Schlumberger. Ran Tripple Combo, Sonic and X-Y Caliper. Ran 34 joints of 5 1/2" 15.5 # foot J-55 8rd LT&C casing. Casing is set at 1348.69'. Cemented with 231 sacks of type III cement. Cement was allowed to set 48 hours. Rigged up Cogco logging company and ran a CBL log. The 5 1/2" casing was pressure tested and perforated from 984' to 1324' with 4 shots per foot. A Baker packer was set at 1102'. Attempted to inject KCL fluid into

ASL

perforations with pressures under fracture gradient. Could not inject without exceeding allowable pressure. Ceased test while cores are analyzed. Operation was stopped on 10/6/98.

AJK