

HISTORY OF OIL OR GAS WELL

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

Nahama & Weagant Energy Company Columbia County CC 23-31-65  
 (Company or Operator) (Lease) (Well No.)  
 Sec. 31 T 6N R 5W Surveyed Coordinates (if directional, BBL & SHL): 1500'E and 2100' N  
 from the SW corner  
 Wildcat:  (or) Field Name: \_\_\_\_\_ County: Columbia  
 Signature: *Frank E. Roenke*  
 Date: September 10, 1992 Position: Vice President Engineering

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	
1992	
6/2	350' MW 9.1 #/gal Vis 48 pH 7.2 MIRU Taylor Drilling Rig # 7. Begin operations @ 8:00 AM on 6-1-92. Mix mud, weld on conductor. Spud 12.25" hole @ 1:00 PM. Drill to 350'. Circulate and unplug flowline @ 6:00 AM.
6/3	496' MW 9.2 #/gal Vis 55 pH 7.2 Drill from 350'-496'. Circulate clean. Wipe hole to surface. Circulate and condition mud for casing. POOH. RU casing tongs and run 12 jts of 8.625", 24#, J-55, ST&C casing with shoe @ 494'. RU Halliburton cementers and cement casing as follows: Pump 125 sx Premium cement + 3% CaCl <sub>2</sub> + 8% Gel + 10#/sx Calseal + .25#/sx Flocele followed by 100 sx Premium Cement + 3% CaCl <sub>2</sub> + .25#/sx Flocele. CIP @ 11:15 PM. Cement returns to surface. WOC. Cut off conductor and casing. Weld on casing head @ 6:00 AM.
6/4	637' MW 9.0 #/gal Vis 41 pH 10.0 498': 1° Finish welding on casing head and test to 1500 PSI-OK. Install BOPE and test to 400 & 1000 PSI-OK. MU bit and BHA. RIH to shoe. Circulate clean. Test BOPE to 400 & 1000 PSI-OK (witnessed and approved by Dan Wermiel-DOGAMI). Circulate and condition mud. Drill out cement and shoe. Survey. Drill to 637' @ 6:00 AM.

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Date	
6/5	1503' MW 9.4 #/gal Vis 43 pH 9.0 1002': 1° Drill from 637'-662'. Wipe hole to shoe. Circulate clean. Drill from 662'-1002'. Circulate and survey. Wipe hole to shoe. Drill from 1002'-1190'. Wipe hole to shoe. Circulate clean. Drill from 1190'-1503'. Circulate and survey @ 6:00 AM.
6/6	2272' TD MW 9.6 #/gal Vis 41 pH 9.0 1503': 2° Wipe hole to shoe. Circulate clean and resurvey. Drill from 1503'-1877'. Circulate clean. Wipe hole to 1350'. Circulate for loggers. Drill from 1877'-2272' TD @ 3:45 AM (6-6-92). Circulate clean. Wipe hole to shoe @ 6:00 AM.
6/7	2272' TD MW 9.6 #/gal Vis 40 pH 8.5 2272': 2° Circulate clean and survey. POOH for logs. RU Schlumberger and run DIL-Sonic-GR-Cal from 2272'-494' & SHDT from 2272'-1272'+/-. Rig down loggers. RIH to 2272'. Circulate and condition mud for casing. POOH. Lay down DP, HWDP, & BHA. RU casing tongs and run 44 jts 4.5", 10.5#, J-55, LT&C casing with shoe @ 1899'. RU Halliburton cementers cement casing as follows: Pump 100 sx Premium Cement + 6% Gel followed by 88 sx Premium cement + 2% KCl (w/w) + 2% Microbond + 1% Gasban. CIP @ 5:00 AM. Begin removing BOPE @ 6:00 AM.
6/8	Remove BOPE. Cut and dress 4.5" casing. Install tubing head & test to 1500 PSI-OK. Clean mud tanks, tear out mud cleaner and lay down kelly. Release rig at 4:00 PM 6-7-92.

COMPLETION HISTORY

6/22	MIRU. Unload tbg, wellhead, remove doughnut. RU Schlumberger run CBL. RIH with 2 3/8" tbg. to 1842'. Displace with salt water. Land doughnut @ 1639'. Install tree. RU lubricator.
6/23	Swab well to 1200'. RU flare line. RU Schlumberger perforate 4 SPF from 1693'-1710' Gun stuck in hole. RU lubricator to tag fish.
6/24	RU wireline. Tag fish @ 1153'. RU to pull tubing. RU pump and circulate to kill well. Pushed perforating gun to bottom of hole
6/25	Circulate well clean. Remove tree. Install and test BOPE. Pull doughnut and tubing. RIH with tubing. Remove BOPE. Install tree. RU lubricator. Swab well. Blow well down and secure.