

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)

Operator Nahama & Weagant Energy Co. Lease Longview Fibre Co. Well No. 12A-33-75
Sec 33 T 7N, R 5W, Surveyed Coordinates (if directional, BHL & SHL): SHL: 1763'S & 705' E fr.
NW cor. BHL: 378.32'N & 156.91'E from SHL
Wildcat: (or) Field Name: Mist County Columbia

Signature



Trent R. Rosenlieb

Date: 6/29/93 Position: Vice President Operations 4700 Stockdale Hwy Ste 110 Bakersfield, Ca. 93309
(Address)

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.

1993

05/22 498'
MW 8.9#/gal Vis 40 pH
MIRU Taylor Rig #7. Spud 12 1/4" hole @ 5:00 PM on 5/21/93. Drill from 25'-498'. Circulate and wipe hole to surface. Circulate clean. POOH to run csg. @ 6:00 AM.

05/23 498'
MW 8.8#/gal Vis 35 pH
Finish POOH. RU and run 12 jts 8 5/8", 24#, J-55 ST&C csg. with shoe @ 496'. RU cementers. Circulate and reciprocate csg. twice hole volume. Cement csg. as follows: 125 sx. premium cement + 8% Gel + 10#/ sx CalSeal + .25% Flocele + 3% CaCl₂ followed by 100 sx. premium cement + .25% Flocele + 3% CaCl₂. CIP @ 11:20 AM 5/22/93. Cement returns to surface. WOC. Cut off csg and conductor. Weld on csg. head. Test to 1500 psi - OK. Install BOPE. Test to 1200 psi - OK. MU bit and BHA. RIH to 469'. Circulate clean for BOP test @ 6:00 AM.

05/24 1066'
MW 9.1 #/gal Vis 43 pH 10.0
Test BOPE to 1000 psi - OK. Witnessed and approved by D. Wermiel

DOGAMI. Drill out shoe. Drill 7 7/8" hole from 498'-589'. Circulate clean. POOH. PU mud motor and monel. RIH. Circulate, survey & orient mud motor. Directionally drill and survey from 589'-1066'. Circulate and survey. POOH. Lay down mud motor. MU new BHA. RIH @ 6:00 AM.

05/25 1723'
MW 9.5 #/gal Vis 47 pH 8.5
Spot ream from 560'-750'. RIH. Drill from 1066'-1131'. Circulate and survey. Drill from 1131'-1191'. Circulate clean. POOH. PU bit stabilizer and lead collar. RIH. Drill from 1191'-1298'. Circulate and survey. Drill from 1298'-1454'. Circulate and wipe hole to shoe. Circulate for logger. Drill from 1454'-1547'. Circulate and survey. Drill from 1547'-1671'. Circulate clean. Wipe hole to 1271'. Drill from 1671'-1723' @ 6:00 AM.

05/26 2291'
MW 9.8 #/gal Vis 45 pH 8.3
Drill from 1723'-1796'. Circulate and survey. Wipe hole to 1392'. Drill from 1796'-2013'. Circulate and survey. Wipe hole to 1700'. Circulate for logger. Drill from 2013'-2199'. Circulate and survey. Wipe hole to 1829'. Circulate for logger. Drill from 2199'-2291' @ 6:00 AM.

05/27 2475' TD
MW 9.8 #/gal Vis 45 pH 8.3
Drill from 2291'-2475' TD @ 12:20 PM 5/26/93. Circulate and survey. Wipe hole to shoe. Circulate and condition mud for logs. POOH. RU loggers and run DIL-Sonic from 2735'-488'. Rig down loggers. RIH to 2475'. Circulate and wipe hole to 1835'. Circulate and condition mud for casing @ 6:00 AM.

05/28 Circulate and condition mud for casing. POOH. Lay down DP, HW, & BHA. RU and run 57 jts. 4 1/2", 10.5#, J-55, ST&C casing with shoe @ 2389'. RU cementers. Circulate & reciprocate csg. twice hole volume. Cement casing as follows: pump 100 sx. Premium cement + 6% gel followed by 100 sx. Premium cement + 2% KCL (w/w) + 2% Microbond + 1% Gasban. CIP @ 7:30 PM 5/27/93. Calculated TOC @ 1024'. Remove BOPE. Cut and dress csg. Install tbg. head. Test to 1000 psi - OK. Clean pits. Release rig @ 6:00 AM 5/28/93.

COMPLETION HISTORY:

06/11 MIRU Taylor rig. RU loggers. Run CET-Neutron-CCL from 2326'-800'. Rig down loggers. Install BOPE.

06/12 Finish installing BOPE. Unload tbg. MU scraper. RIH with tbg. to 2346'. Change hole over to lease water. Lay down excess tbg.

06/13 POOH. RU perforators. Perforate 4-SPH 180° phased from 2150-2156' & 2164'-2172'. Well flowing. SI for 1 hr. Rig down perforators. MU production assembly. RIH with tbg. to 1773'. Well began to flow. SI well. Circulate lease water. Finish RIH. Set packer @ 2182' & land donut. Remove BOPE. Install tree. RU loggers. Run CCL. Rig down loggers. Well flowing. Set packer @ land donut. Install tree. Release packer. Add 14' of pup jts. Reset packer @ land donut. Install tree. RU and swab well. Flow well to clean up.

06/14 RU wireline service. Shift sleeve to closed position. Rig down wireline. RU perforators. Perforate 4-SPF 0° phased thru tbg. guns from 2222'-2240'. Rig down perforators. Flow well for clean-up.

06/16 Flow test well. Monitor pressures and rates. Take gas sample for BTU analysis.

06/20 RU wireline. Check sleeve. RI and set positive seal off separation sleeve. Rig down wireline. Flow well.

06/21 RU and pump nitrogen down casing. Rig down nitrogen unit. RU wireline. Remove separation sleeve from sliding sleeve. Rig down wireline. SI well. Waiting on pipeline completion.