

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 Well No. 11-30-65  
Sec 30 T 6N, R 5W, Surveyed Coordinates (if directional, BHL & SHL): SHL: 983'S & 891'E from  
NW Corner of Section 30 BHL: 475.79'S & 502.35' W from SHL  
Wildcat: (or) Field Name: Mist County Columbia County

Signature Trent R. Rosenlieb

Trent R. Rosenlieb

Date: 1/3/94 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

10/26 518'  
518': 2°  
MW: 9.4 #/gal Vis 40 pH  
MIRU Taylor Rig #7. Spud 12 1/4" hole @ 12:15 PM 10/25/93. Drill to 518'  
Circulate clean. Wipe hole to surface. Circulate and survey. POOH. RU and  
run 12 jts. 8 5/8", 24#, J-55 ST&C csg. with shoe @ 517'. RU cementers @ 6:00  
AM.

10/27 518'  
MW: 9.0 #/gal Vis 40 pH  
Cement csg. as follows: pump 125 sx. Premium cement + 8% Gel + 10#/sx  
CalSeal + .25#/sx Flocele + 3% CaCl<sub>2</sub> followed by 100 sx. Premium cement +  
.25 #/sx Flocele + 3% CaCl<sub>2</sub>. CIP. Cement returns to surface. WOC. Cut off  
conductor & csg. Weld on csg. head. Test welds to 1200 psi - OK. Install  
BOPE. Test to 1200 psi - OK. MU bit & BHA. RIH to 500'. Circulate clean.  
Test BOPE to 1000 psi - OK. Witnessed and approved by D. Wermiel DOGA-  
MI. Drill out shoe @ 6:00 AM.

10/28 1278'  
1029': 1°45'  
MW: 9.3 #/gal Vis 38 pH 9.0  
Finish drilling out shoe. Drill to 813'. Circulate clean. Wipe hole to shoe.  
Circulate for logger. Drill from 813'-1029'. Circulate & survey. Wipe hole to  
shoe. Drill from 1029'-1185'. Circulate clean. Wipe hole to 741'. Drill from  
1185'-1278' @ 6:00 AM.

10/29 1742'  
1401': 2°30'  
MW: 9.4 #/gal Vis 47 pH 8.4  
Drill from 1278'-1401'. Circulate clean. Survey & wipe hole to shoe. Ream from  
1028'-1068' & 1320'-1360'. Circulate for logger. Drill to 1525'. Circulate & wipe  
hole to 1165'. Drill from 1525'-1681'. Circulate clean. Wipe hole to shoe.  
Circulate for logger. Drill from 1681'-1742' @ 6:00 AM.

10/30 2346'  
MW: 9.6 #/gal Vis 42 pH 7.0  
1897': 4°  
Drill from 1742'-1897'. Circulate & survey. Wipe hole to 1586'. Circulate for  
logger. Drill from 1897'-2080'. Circulate clean. Wipe hole to 1540'. Cir-  
culate for logger. Drill from 2080'-2266'. Circulate clean. Wipe hole to  
1916'. Circulate for logger. Drill from 2266'-2346' @ 6:00 AM

10/31 2792'  
2682': 3°  
MW: 9.9 #/gal Vis 43 pH 7.0  
Drill from 2346'-2422'. Circulate clean. Wipe hole to 2111'. Circulate for logger.  
Drill from 2111'-2682'. Circulate clean. Survey & POOH. Change bit. RIH to  
2682'. Circulate for logger. Drill from 2682'-2792' @ 6:00 AM

11/01 2794'  
MW: 9.9 #/gal Vis 43 pH 7.0  
Drill from 2792'-2794' TD. Circulate clean. Wipe hole to shoe. Circulate clean.  
POOH. RU loggers & run DIL-Sonic-GR from 2785'-517' & FMS from 2789'-  
1789'. Rig down loggers. RIH with open ended DP to 711'. RU cementers &  
pump 88 sx. Premium cement + 3% CaCl<sub>2</sub>. CIP. WOC @ 6:00 AM.

11/02 637'  
MW: 9.7 #/gal Vis 37 pH 10.0  
WOC. MU BHA. RIH to 180'. Circulate down to 509'. Drill cement to 517'.  
Circulate & condition mud. Drill cement to 539'. Circulate & condition mud.  
Drill cement to 569'. KOP. Circulate clean. POOH. MU directional tools.  
RIH to 569'. Survey & orient mud motor. Drill w/mud motor to 599'. Survey.  
Drill w/mud motor to 637' @ 6:00 AM.

11/03 1304'  
MW: 9.6 #/gal Vis 43 pH 9.0  
Drill w/mud motor from 637'-659'. Survey. Drill from 659'-690'. Survey. Drill  
from 690'-750'. Survey. Drill from 750'-812'. Survey. Drill from 812'-843'.  
Survey. Drill from 843'-905'. Survey. Drill from 905'-968'. Survey. Drill from  
968'-999'. Circulate clean. POOH. LD mud motor. MU new BHA. RIH to  
999'. Drill from 999'-1304'. Circulate clean. Survey. POOH. Change bit &  
BHA @ 6:00 AM.

11/04 1911'  
MW: 9.8 #/gal Vis 48 pH 9.0  
Finish POOH. Change bit & BHA. RIH to 569'. Ream to 699'. RIH to 1004'.  
Ream to 1124'. RIH to 1304'. Drill to 1474'. Circulate. Survey & wipe hole to  
1114'. Drill from 1474'-1691'. Circulate clean. Survey & wipe hole to shoe.  
Drill from 1691'-1911'. Circulate for survey & wiper trip @ 6:00 AM.

11/05 2779'  
MW: 10.1 #/gal Vis 40 pH 8.0  
Survey @ 1911'. Wipe hole to 1600'. Circulate for logger. Drill to 2065'.  
Circulate clean. Survey & wipe hole to shoe. Ream from 1645'-1705' and from  
1765'-1915'. Circulate for logger. Drill to 2406'. Circulate clean. Wipe hole to  
1828'. Circulate for logger. Drill from 2406'-2779' @ 6:00 AM.

11/06 2811' TD  
MW: 10.1 #/gal Vis 40 pH 8.0  
Drill from 2779'-2811' TD. Circulate clean. Survey & wipe hole to shoe.  
Circulate clean. POOH. RU loggers and run DIL-Sonic-GR from 2806'-517'.  
Rig down loggers. RIH with open ended DP to 567'. RU cementers & pump 60  
sx. Premium cement + 3% CaCl<sub>2</sub>. CIP. Rig down cementers. WOC. RIH tag  
cement @ 415'. Witnessed and approved by D. Wermiel - DOGAMI. POOH.  
RIH with open ended DP to 58'. RU cementers & pump cement to surface.  
CIP. Rig down cementers. Lay down DP. Remove BOPE. Cut off csg. head &  
weld on plate 5' below GL. Clean mud pits @ 6:00 AM.

11/07 Finish cleaning mud pits. Release rig @ 8:00 AM 11/6/93.

**DIRECTIONAL SURVEY ATTACHED**